

paoli[®]
PIT STOP



PAOLI PIT STOP SERIES
CATALOGUE

2022

A photograph of a modern, two-story building with a yellow facade and grey accents. The building features a balcony with a white railing. The word "paoli" is prominently displayed in white, lowercase letters on a grey panel above the balcony. A window on the ground floor has a small logo and the text "dino paoli...". The building is set against a clear blue sky and is viewed through a circular frame with a dark, textured border.

 paoli®

 dino paoli...

THE WORLD CLASS IMPACT WRENCHES MANUFACTURING COMPANY

COMPANY

Dino Paoli S.r.l. supplies all the teams participating in F1, F2, DTM, World Series by Renault, V8-Supercar, Indy Lights, IRL, Nascar, F. Nippon, and almost all racing teams in Endurance, GT, F.3000, IMSA.

Dino Paoli, the strength of a winning idea embodied in a company working in different sectors: motorsport, automotive, and industry.

A craft industry vocation and a long-standing tradition in the production of pneumatic impact wrenches and accessories have led the company to lead the Motorsport sector, making it the ideal partner for several teams, thanks to the high speed and reliability of its products.

Wheel guns to suit all the needs of those who believe in speed, making the pit stop a fundamental element in the outcome of a race.

Quality, technology, innovation and close collaboration with customers are just some of the features that have made Dino Paoli a successful name in the racing world.



HISTORY

THE ORIGINS

Dino Paoli S.r.l. was incorporated in 1968 and it has specialized in the production of wheel guns used in workshops for commercial vehicles and standard road cars.

1968

1975

F1 PODIUM

Thanks to the superior fastness and compactness of its products, Paoli becomes the official supplier for one of the most famous F1 teams.

1994

THE US MARKET

Dino Paoli S.r.l. enters for the first time the highly competitive US motorsport market.

2000

BRAND AWARENESS

Paoli becomes synonym of race wheel gun.

2011

FORMULA NASCAR

Dino Paoli S.r.l. gets into Nascar with Red Devil. This represents Paoli's debut in the one of the most important U.S. championships.

2012

TSA SYSTEM

Dino Paoli S.r.l. introduces an innovative technology which is able to monitor the torque and angle signal on the wheel nut.

2014

DP 5000 TI MARK II

Paoli starts manufacturing new wheel guns using aerospace materials. Titanium, carbon and magnesium alloy are now used to produce the model DP5000 TI MARK II.

2016

DP 6000

Dino Paoli S.r.l. produces the DP 6000. The use of high quality materials and the revolutionary 90° ergonomics handle make the latest Paoli wheel gun a technology gem.

2017

RED DEVIL 2.0

Designed for Nascar, the RED DEVIL 2.0 has been developed in order to give an extraordinary fastness and smoothness to the Nascar tire changers.

2018

NASCAR

Dino Paoli S.r.l., thanks to the development of new mechatronic technologies, becomes the sole pit equipment supplier of Nascar.

2019

MECHATRONIC

Dino Paoli S.r.l. starts the development of cutting edge new mechatronics products.

2020

E-SHUTTLE

This new device was born from the combination of electronic power and a highly innovative software. E-SHUTTLE: the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion.

2021

SUPERSPORT

Dino Paoli S.r.l. develops the updated SUPERSPORT to be the sole wheel gun used in the Nascar Cup Series.



FORMULA 1



SUPER GT



SUPER FORMULA



NASCAR



BLANCPAIN



IMSA



FORMULA 2



N1 SUPERTAIKYU



GT



ENDURANCE



ELMS



24H LE MANS



V8 SUPERCAR

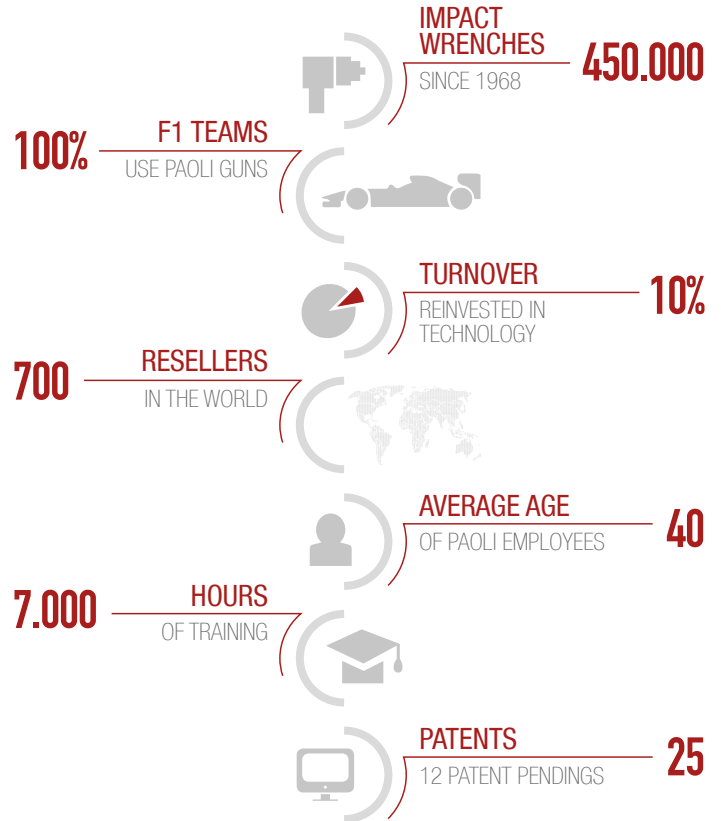


INDYCAR



OTHERS

DEVELOPMENT



NEW PRODUCTS HIGHLIGHTS

WHEEL GUNS

W

- 11 Hurricane 2.0
- 54 E-Gun
- 56 Typhoon Plus
- 62 Typhoon Brushless
- 68 Toolkit



PAOLI SOCKETS

S

- 91 Spline Sockets

FAST REVERSE DEVICES

R

- 100 E-Shuttle

WHEEL GUN OPTIONALS

O

- 106 Mushroom XL
- 110 Carbon Look Cover

AIR SUPPLY SYSTEM

A

- 131 Expandable Hose Cover
- 149 Mini Trolley Kit

PIT EQUIPMENT

E

- 180 Caseliner



INDEX

WHEEL GUNS

W

The unique wheel guns
in motorsport races

8

**AIR SUPPLY
SYSTEM**

A

Equipment for
the maximum power

112

**MOTORCYCLE
SPORT**

M

Paoli's motorbikes
pit stop selection

70

**PIT
EQUIPMENT**

E

All you need
for the pitlane

157

**PAOLI
SOCKETS**

S

The new Paoli
wheel nut sockets

79

**PRODUCT
CARE**

C

Service and overhaul

187

**FAST REVERSE
DEVICES**

R

Speed up your wheel
gun direction-change

98

FAQ

F

Your questions.
Our answers

201

**WHEEL GUN
OPTIONALS**

O

Enhance
your Paoli guns

103

**AUTOMOTIVE
PRODUCTS**

P

Discover Paoli
automotive products
(lower pressure - 6,3 bar)

204





WHEEL GUNS

The unique wheel guns in motorsport races

HURRICANE 2.0

W

BEST PRACTICE FORMULA 1 / INDYCAR



Product name	HURRICANE 2.0		
Handle Type	CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM		
Product code LH Version		HURRICANE2.10	HURRICANE2.07
Product code RH Version	2 port	HURRICANE2.11	3 port HURRICANE2.08
Product code UH Version		HURRICANE2.12	HURRICANE2.09

Square drive	1"
Weight	3,9 kg (8.59 lbs)
Length	203 mm (7.99")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)

ALSO AVAILABLE

Product name	HURRICANE 2.0		
Handle Type	90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM		
Product code LH Version		HURRICANE2.04	HURRICANE2.01
Product code RH Version	2 port	HURRICANE2.05	3 port HURRICANE2.02
Product code UH Version		HURRICANE2.06	HURRICANE2.03

HIGHLIGHTS

- ✓ Increase robustness and reliability
- ✓ Faster at reaching the required tightening torque
- ✓ Electronic devices readiness



Fast left hand version:
loosens nuts tightened
clockwise faster



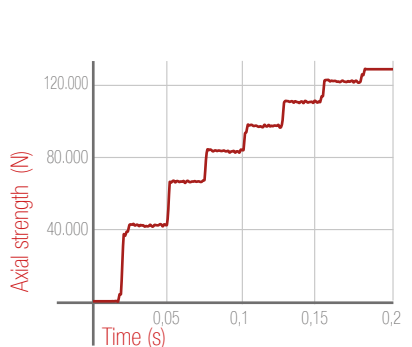
Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS

TIGHTENING



COLOUR CODES

BUILT-IN FRS

COLOUR CODES

NEW ERGONOMIC TRIGGER
(On demand)

SPLINE DRIVE
READY



E-SHUTTLE
(On demand)



HURRICANE

CLASSIC HANDLE



BEST PRACTICE

FORMULA 1 / INDYCAR



Product name	HURRICANE CLASSIC HANDLE		
Front Cover Type	CARBON COVER		
Product code LH Version		HURRICANE.022	HURRICANE.019
Product code RH Version	2 port	HURRICANE.023	3 port HURRICANE.020
Product code UH Version		HURRICANE.024	HURRICANE.021

Square drive	1"
Weight	3,70 kg (8.15 lbs)
Length	203 mm (7.99")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)

ALSO AVAILABLE

Product name	HURRICANE CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM		
Product code LH Version		HURRICANE.016	HURRICANE.013
Product code RH Version	2 port	HURRICANE.017	3 port HURRICANE.014
Product code UH Version		HURRICANE.018	HURRICANE.015
Weight	3,74 kg (8.24 lbs)		

HIGHLIGHTS

- ✓ More gap between tightening and loosening
- ✓ Improved air motor performance
- ✓ Lost wax casting handle



Fast left hand version:
loosens nuts tightened clockwise faster



Fast right hand version:
loosens nuts tightened anticlockwise faster



Special unhandled version:
loosens at same speed both the nuts tightened clockwise and anticlockwise

AVAILABLE VERSIONS



FASTSHIFT
(On demand)

Titanium inside



1000 CYCLES ROTOR INSIDE

COLOUR CODES

BUILT-IN FRS



SPLINE DRIVE READY

COLOUR CODES



CARBON PEEK VANES

COVER

- Carbon Cover
- Aluminium Cover

CLASSIC HANDLE
(72° angled)

NEW ERGONOMIC TRIGGER
(On demand)



Operating and Maintenance
MANUAL

ADJUSTABLE BUILT-IN OILER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings

HURRICANE

90° ANGLED HANDLE



W

BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2 / DTM

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	CARBON COVER		
Product code LH Version		HURRICANE.010	HURRICANE.007
Product code RH Version	2 port	HURRICANE.011	3 port HURRICANE.008
Product code UH Version		HURRICANE.012	HURRICANE.009

Square drive	1"
Weight	3,70 kg (8.15 lbs)
Length	200 mm (7.87")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed	LH / RH 15000 rpm (25 bar / 362 psi) UH 14800 rpm
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)

ALSO AVAILABLE

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM		
Product code LH Version		HURRICANE.004	HURRICANE.001
Product code RH Version	2 port	HURRICANE.005	3 port HURRICANE.002
Product code UH Version		HURRICANE.006	HURRICANE.003
Weight	3,74 kg (8.24 lbs)		

HIGHLIGHTS

- ✓ More gap between tightening and loosening
- ✓ Improved air motor performance
- ✓ Lost wax casting handle



Fast left hand version:
loosens nuts tightened clockwise faster



Fast right hand version:
loosens nuts tightened anticlockwise faster



Special unhandled version:
loosens at same speed both the nuts tightened clockwise and anticlockwise

AVAILABLE VERSIONS



FASTSHIFT
(On demand)

Titanium inside



1000 CYCLES ROTOR INSIDE

COLOUR CODES

BUILT-IN FRS



SPLINE DRIVE READY

COLOUR CODES

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

CARBON PEEK VANES

90° HANDLE
Better airflow

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings

ADJUSTABLE BUILT-IN OILER



Operating and Maintenance

MANUAL

HURRICANE SPLINE

W

BEST PRACTICE

FORMULA 1 / FORMULA 2
INDYCAR / DTM



From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new wheel gun is born: the **SPLINE DRIVE HURRICANE**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product.

A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket.

Spline drive wheel guns, because of the increased contact points between the anvil and the socket, offer a better torque transmission and a reduced load on each contact point.

This means the following **ADVANTAGES**: more power; more strength; more endurance.

Paoli supplies spline sockets to be used with **HURRICANE SPLINE**.

PRODUCT NAME	FRONT COVER TYPE	VERSION	PRODUCT CODE	
			2 port	3 port
HURRICANE SPLINE 90° ANGLED HANDLE	Carbon Cover	LH	HURRICANE.052	HURRICANE.049
		RH	HURRICANE.053	HURRICANE.050
		UH	HURRICANE.054	HURRICANE.051
	Aerospace 7075 Aluminium	LH	HURRICANE.046	HURRICANE.043
		RH	HURRICANE.047	HURRICANE.044
		UH	HURRICANE.048	HURRICANE.045
HURRICANE SPLINE CLASSIC HANDLE	Carbon Cover	LH	HURRICANE.064	HURRICANE.061
		RH	HURRICANE.065	HURRICANE.062
		UH	HURRICANE.066	HURRICANE.063
	Aerospace 7075 Aluminium	LH	HURRICANE.058	HURRICANE.055
		RH	HURRICANE.059	HURRICANE.056
		UH	HURRICANE.060	HURRICANE.057

HIGHLIGHTS

- ✓ Paoli patent pending profile
- ✓ Cutting edge anvil-socket fixing system

AVAILABLE SOCKETS

	CODE	PAGE
F488	B.28.0090	85
F488	B.28.0082	85
Formula 2	B.28.0091	87
Huracan GT3	B.28.0081	89
Indycar	B.28.0080	90
Porsche 911 GT3-R	B.28.0083	92



Operating and
Maintenance

MANUAL

**PATENT
PENDING**



New Paoli
spline drive anvil



Traditional
square drive anvil



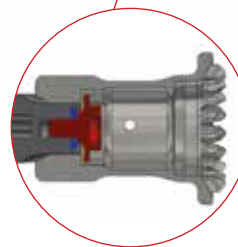
SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.





JAN LARSEN ART

ARTIST: JAN LARSEN
BORN: 1967
NATIONALITY: USA
STYLE: NEO-POP

Talked about as one of the most interesting, thoughtful, entertaining, and important artists at work in contemporary art today, **Danish-American Neo-Pop celebrity artist Jan Larsen** credits his collectors, clients, patrons, mentors, and contemporaries with inspiring him to new heights in his work, as his career progresses seemingly into the art-historical firmament.

After starting his fine-art-and-production business **Jan Larsen Art** in the apartment he took over from Brian Donnelly (also known as **KAWS**, now one of the world's most-successful artists) in 2000 as a means of learning the fine art trade prior to joining it as an artist himself, Larsen built the enterprise and brought it to trade globally, founding and running **four contemporary art galleries** in New York City from 2000 to 2015, **producing hundreds of exhibitions**, and representing **over 50 artists and hundreds of clients**, on primary markets and at auction, with accounts at the **Christie's**, **Sotheby's**, and **Phillips** auction houses.

Having thoroughly researched the markets for fine art in terms of content and mechanics of the trade while reflecting on what he wanted to say with his work during those 15 years, Larsen finally **launched his career with a solo show in 2015** in partnership with a retail gallery in Manhattan's Chelsea neighborhood, and has mounted show after show since, 10 solo shows in the first 4 years, each well-received and selling well in New York, London, and Singapore.

From his **popular-culture-based reflections** to his abstract digital prints, his 'word-work' meditations, his Dada-esque conceptual sculptures and performances, to his abstract-expressionist paintings in the traditions of Jackson Pollock and Japan's Gutai Group, Larsen's powerful range demonstrates a mastery of **art-as-social-commentary** in a wide array of contexts and formats, commenting precisely, presciently, and powerfully on the times we live in.



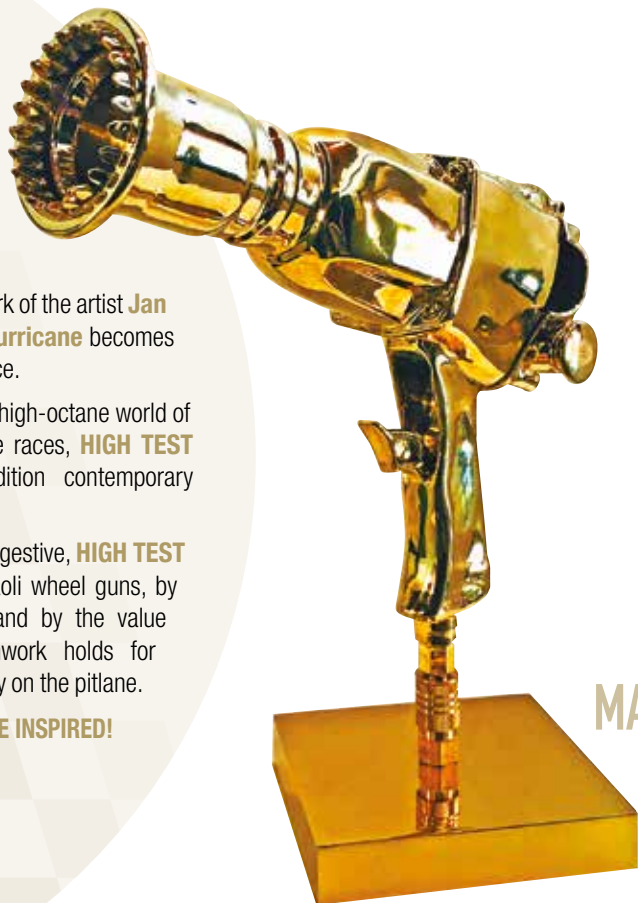
Thanks to the work of the artist **Jan Larsen, Paoli Hurricane** becomes an art masterpiece.

Dedicated to the high-octane world of motorsport's elite races, **HIGH TEST** is a limited edition contemporary sculpture.

Precious and suggestive, **HIGH TEST** is inspired by Paoli wheel guns, by Pit Stop world and by the value that good teamwork holds for everyone, not only on the pitlane.

LET YOURSELF BE INSPIRED!

Product Code:
B.38.05.01.0001



**HIGH
TEST
2019**

MATERIALS: BRASS AND STEEL
SIZE: 35 X 30 X 15 CM
STYLE: NEO-POP
LIMITED EDITION: 8 PIECES

DP 6000

CLASSIC HANDLE



BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	CARBON COVER
Product code LH Version	006000.00017
Product code RH Version	006000.00018
Product code UH Version	006000.00019
Square drive	1"
Weight	3,50 kg (7.7 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed	LH / RH 14700 rpm (25 bar / 362 psi) UH 14300 rpm
Max torque	LH / RH 4200 Nm (3100 ft-lbs) UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	006000.00014
Product code RH Version	006000.00015
Product code UH Version	006000.00016
Weight	3,54 kg (7.8 lbs)

HIGHLIGHTS

- ✓ More power / more gap
- ✓ Metallic powder painted body
- ✓ Body made of magnesium alloy



Fast left hand version:
loosens nuts tightened clockwise faster



Fast right hand version:
loosens nuts tightened anticlockwise faster



Special unhandled version:
loosens at same speed both the nuts tightened clockwise and anticlockwise

AVAILABLE VERSIONS



FASTSHIFT
(On demand)

Titanium inside



1000 CYCLES ROTOR INSIDE

BUILT-IN FRS



SPLINE DRIVE READY

COLOUR CODES

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

COLOUR CODES

7 CARBON PEEK VANES

CLASSIC HANDLE
(72° angled)

DOUBLE STAGE TRIGGER
(on demand)



Operating and Maintenance
MANUAL

ADJUSTABLE BUILT-IN OILER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings

DP 6000

90° ANGLED HANDLE



W

BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2

Product name **DP 6000 90° ANGLED HANDLE**
Front Cover Type **CARBON COVER**

Product code LH Version 006000.00004

Product code RH Version 006000.00005

Product code UH Version 006000.00006

Square drive 1"

Weight 3,50 kg (7.7 lbs)

Length 198 mm (7.79")

Air inlet 3/8" BSP

Supply hose inside diameter 13 mm (0.51")

Max pressure 25 bar (362 psi)

Free Speed
(25 bar / 362 psi) LH / RH 14700 rpm
UH 14300 rpm

Max torque LH / RH 4200 Nm (3100 ft-lbs)
UH 4000 Nm (2950 ft-lbs)

Gun selector plate 3 port (2 port available on demand)

ALSO AVAILABLE

Product name **DP 6000 90° ANGLED HANDLE**
Front Cover Type **AEROSPACE 7075 ALUMINIUM**

Product code LH Version 006000.00001

Product code RH Version 006000.00002

Product code UH Version 006000.00003

Weight 3,54 kg (7.8 lbs)

HIGHLIGHTS

- ✓ More power / more gap
- ✓ Metallic powder painted body
- ✓ Body made of magnesium alloy



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS



FASTSHIFT
(On demand)

*Titanium
inside*



**1000 CYCLES
ROTOR INSIDE**

BUILT-IN FRS



**SPLINE DRIVE
READY**

COLOUR CODES

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

COLOUR CODES

7 CARBON PEEK VANES

90° HANDLE
New ergonomics

DOUBLE STAGE TRIGGER
(on demand)



Operating and
Maintenance
MANUAL

**ADJUSTABLE
BUILT-IN OILER**

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings

DP 6000 SPLINE

W

BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2



From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new wheel gun is born: the **SPLINE DRIVE DP 6000**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product.

A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket.

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This means the following **ADVANTAGES**: more power; more strength; more endurance.

Paoli supplies spline sockets to be used with **DP 6000 SPLINE**.

PRODUCT NAME	FRONT COVER TYPE	VERSION	PRODUCT CODE
DP 6000 SPLINE 90° ANGLED HANDLE	Carbon Cover	LH	006000.00051
		RH	006000.00052
		UH	006000.00053
	Aerospace 7075 Aluminium	LH	006000.00048
		RH	006000.00049
		UH	006000.00050
DP 6000 SPLINE CLASSIC HANDLE	Carbon Cover	LH	006000.00057
		RH	006000.00058
		UH	006000.00059
	Aerospace 7075 Aluminium	LH	006000.00054
		RH	006000.00055
		UH	006000.00056

(2 port available on demand)

HIGHLIGHTS

- ✓ Paoli patent pending profile
- ✓ Cutting edge anvil-socket fixing system



New Paoli
spline drive anvil



Traditional
square drive anvil

AVAILABLE SOCKETS

	CODE	PAGE
F488	B.28.0090	85
F488	B.28.0082	85
Formula 2	B.28.0091	87
Huracan GT3	B.28.0081	89
Indycar	B.28.0080	90
Porsche 911 GT3-R	B.28.0083	92



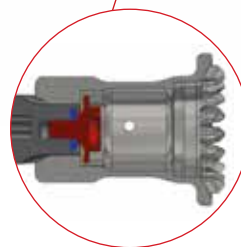
SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



PATENT
PENDING



Operating and
Maintenance

MANUAL

DP 6000 BIAS

W

BEST PRACTICE

ENDURANCE / IMSA
LE MANS SERIES



Product name	DP 6000 BIAS
Front Cover Type	CARBON COVER
Product code	6000BS.00001
Square drive	1"
Weight	3,68 kg (8.11 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	14300 rpm
Max torque	3900 Nm (2876 ft-lbs)

ALSO AVAILABLE

Product name	DP 6000 BIAS
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code	6000BS.00002
Weight	3,75 kg (8.27 lbs)

HIGHLIGHTS

- ✓ Simply faster!
- ✓ 2 wheel guns in 1

The **BIAS SYSTEM** gives you both RH and LH versions inside a single wheel gun. Using the special lever you can change the mode during the pitstop. This model is particularly suitable for those championships in which the use of a single wheel gun is mandatory. The **BIAS SYSTEM** is capable to give to the operator all the advantages of both the RH and LH modes in a single wheel gun.



CUSTOMIZABLE LEVER

BLACK ANODIZED ALUMINIUM
LEVER ON DEMAND

SPLINE DRIVE
READY

COVER
Double option:
• Carbon Cover
• Aluminium Cover

BIAS SYSTEM
RH & LH versions included
in a single wheel gun

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings

ON TOP LEVER
FROM RH TO LH
FROM LH TO RH



Operating and
Maintenance

MANUAL

DP 5000 TI MARK II

W

BEST PRACTICE FORMULA 1 / INDY



Product name **DP 5000 TI MARK II**
Front Cover Type **CARBON COVER**

Product code LH Version 5000TI.00022

Product code RH Version 5000TI.00023

Product code UH Version 5000TI.00024

Square drive 1"

Weight 3,43 kg (7.5 lbs)

Length 198 mm (7.79")

Air inlet 3/8" BSP

Supply hose inside diameter 13 mm (0.51")

Max pressure 25 bar (362 psi)

Free Speed LH / RH 14500 rpm
(25 bar / 362 psi) UH 14000 rpm

Max torque LH / RH 3800 Nm (2810 ft-lbs)
UH 3500 Nm (2590 ft-lbs)

Gun selector plate 3 port (2 port available on demand)

ALSO AVAILABLE

Product name **DP 5000 TI MARK II**
Front Cover Type **AEROSPACE 7075 ALUMINIUM**

Product code LH Version 5000TI.00019

Product code RH Version 5000TI.00020

Product code UH Version 5000TI.00021

Weight 3,50 kg (7.7 lbs)

HIGHLIGHTS

- ✓ Standard carbon cover
- ✓ Anodized blue and red covers, according to the motorsport tradition



Fast left hand version:
loosens nuts tightened clockwise faster



Fast right hand version:
loosens nuts tightened anticlockwise faster



Special unhanded version:
loosens at same speed both the nuts tightened clockwise and anticlockwise

AVAILABLE VERSIONS

7 CARBON PEEK VANES

TITANIUM MOTOR



COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

NEW STAINLESS STEEL TRIGGER

MAGNESIUM ALLOY BODY

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings



Operating and
Maintenance

MANUAL

DP 4000 MG

W

BEST PRACTICE

FORMULA 1 / DTM
FORMULA 2



Product name	DP 4000 MG
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	4000MG.00037
Product code RH Version	4000MG.00038
Product code UH Version	4000MG.00039
Square drive	1"
Weight	3,71 kg (8.18 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 13500 rpm UH 12500 rpm
Max torque	LH / RH 3500 Nm (2590 ft-lbs) UH 3300 Nm (2442 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 MG
Front Cover Type	CARBON COVER
Product code LH Version	4000MG.00040
Product code RH Version	4000MG.00041
Product code UH Version	4000MG.00042
Weight	3,64 kg (8.02 lbs)

HIGHLIGHTS

- ✓ Powerful
- ✓ Light
- ✓ Reliable



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS

THE FIRST GUN TO BE EQUIPPED
WITH MAGNESIUM ALLOY BODY

BUILT-IN FRS

7 CARBON PEEK
VANES INSIDE

AERONAUTICAL ALUMINIUM
FRONT COVER

SPLINE DRIVE
READY

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings



Operating and
Maintenance

MANUAL

DP 4000 30BAR

W

BEST PRACTICE

FORMULA 1 / INDYCAR



Product name	DP 4000 30BAR
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	400030.00013
Product code RH Version	400030.00014
Product code UH Version	400030.00015
Square drive	1"
Weight	3,97 kg (8.7 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	30 bar (435 psi)
Free Speed (25 bar / 362 psi)	LH / RH / UH 15500 rpm
Max torque	LH / RH 3800 Nm (2810 ft-lbs) UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 30BAR
Front Cover Type	CARBON COVER
Product code LH Version	400030.00016
Product code RH Version	400030.00017
Product code UH Version	400030.00018
Weight	3,90 kg (8.6 lbs)

HIGHLIGHTS

- ✓ Optional front cover made of carbon
- ✓ New carbon peek vane



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS

AERONAUTICAL ALUMINIUM FRONT COVER

- 30 BAR DYNAMIC RESISTANT
- INCREASED POWER
- VERY TOUGH MATERIALS AND TECHNICAL SOLUTIONS APPLIED

BUILT-IN FRS



SPLINE DRIVE
READY

STANDARD
DOUBLE STAGE TRIGGER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings



Operating and
Maintenance

MANUAL

DP 3000 SUPERSPORT

W

BEST PRACTICE

FORMULA 1 / DTM
IMSA



Product name	DP 3000 SUPERSPORT
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	3000SS.00001
Product code RH Version	3000SS.00002
Product code UH Version	3000SS.00003
Square drive	1"
Weight	4 kg (8.82 lbs)
Length	235 mm (9.25")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 11500 rpm UH 11000 rpm
Max torque	LH / RH 3000 Nm (2213 ft-lbs) UH 2800 Nm (2065 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 3000 SUPERSPORT
Front Cover Type	CARBON COVER
Product code LH Version	3000SS.00004
Product code RH Version	3000SS.00005
Product code UH Version	3000SS.00006
Weight	3,93 kg (8.66 lbs)

HIGHLIGHTS

- ✓ Optional front cover made of carbon
- ✓ New carbon peek vane



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS



**OPTIONAL: NEW
TECHNICAL FABRIC COVER!**
Available in blue, red and black
(page 110)



**SPLINE DRIVE
READY**

**AERONAUTICAL ALUMINIUM
FRONT COVER**

BUILT-IN FRS



NEW FAST REVERSE SYSTEM

Longer and easier to move.
Positioned on the side where the
rotation reverse mechanism turns
from loosening to tightening.

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings



Operating and
Maintenance

MANUAL

DP 2000 SE

W

BEST PRACTICE

IMSA / FORMULA 2



Product name	DP 2000 SE
Front Cover Type	AEROSPACE 7075 ALUMINIUM
Product code LH Version	2000SE.00010
Product code RH Version	2000SE.00011
Product code UH Version	2000SE.00012
Square drive	1"
Weight	3,90 kg (8.6 lbs)
Length	186 mm (7.32")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 9500 rpm UH 9000 rpm
Max torque	LH / RH 2500 Nm (1843 ft-lbs) UH 2200 Nm (1622 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	DP 2000 SE
Front Cover Type	CARBON COVER
Product code LH Version	2000SE.00013
Product code RH Version	2000SE.00014
Product code UH Version	2000SE.00015
Weight	3,83 kg (8.4 lbs)

HIGHLIGHTS

- ✓ More power / more gap
- ✓ Metallic powder painted body
- ✓ Body made of magnesium alloy



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS

THE CLASSIC PAOLI GUN

From 18 years always
on the pit-lanes

- Lighter
- More powerful
- Evergreen

6 NEW CARBON VANES INSIDE



SPLINE DRIVE
READY

NEW AERONAUTICAL ALUMINIUM
FRONT COVER AS STANDARD
(carbon cover optional on demand)

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance

MANUAL

DP 197 SFE

W

BEST PRACTICE GT / ENDURANCE



Product name	DP 197 SFE
Product code LH Version	197SFE.00006
Product code RH Version	197SFE.00007
Product code UH Version	197SFE.00008
Square drive	1"
Weight	4,60 kg (10 lbs)
Length	200 mm (7.87")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 7900 rpm UH 7500 rpm
Max torque	LH / RH 1900 Nm (3100 ft-lbs) UH 1800 Nm (2950 ft-lbs)
Gun selector plate	2 port

HIGHLIGHTS

- ✓ Light weight
- ✓ New carbon vanes
- ✓ Very reliable



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS

STRONGER AND MORE RESISTANT
THAN THE SMALLER 1" WHEEL GUNS



AERONAUTICAL ALUMINIUM
FRONT COVER

6 NEW CARBON VANES INSIDE

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance

MANUAL

DP 177 SFE

W

BEST PRACTICE GT / ENDURANCE



Product name	DP 177 SFE
Product code LH Version	177SFE.00004
Product code RH Version	177SFE.00005
Product code UH Version	177SFE.00006
Square drive	1"
Weight	4,20 kg (9.2 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 10000 rpm UH 9500 rpm
Max torque	LH / RH 1900 Nm (1400 ft-lbs) UH 1800 Nm (1327 ft-lbs)
Gun selector plate	2 port

HIGHLIGHTS

- ✓ Fast, powerful and reliable
- ✓ New carbon vanes
- ✓ Increased max pressure



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS



6 NEW CARBON VANES INSIDE

AERONAUTICAL ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance

MANUAL

DP 176 SFE

W

BEST PRACTICE PORSCHE / IMSA



Product name	DP 176 SFE
Product code LH Version	176SFE.00005
Product code RH Version	176SFE.00006
Product code UH Version	176SFE.00007
Square drive	3/4"
Weight	3,95 kg (8.7 lbs)
Length	185 mm (7.28")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 10000 rpm UH 9500 rpm
Max torque	LH / RH 1700 Nm (1260 ft-lbs) UH 1600 Nm (1180 ft-lbs)
Gun selector plate	2 port

HIGHLIGHTS

- ✓ Light weight
- ✓ New carbon vanes
- ✓ Increased max pressure



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS



6 NEW CARBON VANES INSIDE

AERONAUTICAL ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance

MANUAL

BLUE DEVIL

W

BEST PRACTICE PORSCHE / IMSA



Product name	BLUE DEVIL 60/40
Product code LH Version	BDEVIL.00002
Product code RH Version	BDEVIL.00004
Square drive	3/4"
Weight	2,69 kg (5.9 lbs)
Length	188 mm (7.4")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 17000 rpm
Max torque	LH / RH 1200 Nm (890 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	BLUE DEVIL 70/30
Product code LH Version	BDEVIL.00006
Product code RH Version	BDEVIL.00008
Free Speed (20 bar / 290 psi)	LH / RH 17500 rpm

HIGHLIGHTS

- ✓ New carbon vanes
- ✓ Operating pressure 20 bar / 290 psi
- ✓ Optimized and efficient exhaust (patented system)



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster

AVAILABLE VERSIONS

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

AERONAUTICAL ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance
MANUAL

RED DEVIL 2.0

STREET LEGAL

W

BEST PRACTICE TOURING CARS



Product name	RED DEVIL 2.0 STREET LEGAL
Product code	RDEVSL.00003
Square drive	1/2"
Weight	2,40 kg (5.3 lbs)
Length	192 mm (7.56")
Air inlet	1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (12 bar / 175 psi)	12.000 rpm
Max torque	1.000 Nm (740 ft-lb)
Gun selector plate	2 port

HIGHLIGHTS

- ✓ Aeronautical aluminium front cover
- ✓ New carbon vanes



Operating and
Maintenance

MANUAL

RED DEVIL BLACKBIRD

W

BEST PRACTICE DESERT RACES



Product name	RED DEVIL BLACK BIRD
Product code	RDEVBB.00001
Square drive	1/2"
Weight	2,42 kg (5.33 lbs)
Length	193 mm (7.60")
Air inlet	3/8"
Supply hose inside diameter	3/8" - 1/2"
Max pressure	12 bar (175 psi)
Free Speed (12 bar / 175 psi)	15120 rpm
Max torque	1015 Nm (749 ft-lb)
Gun selector plate	3 port

HIGHLIGHTS

- ✓ Aeronautical aluminium front cover
- ✓ New carbon vanes



6 NEW CARBON VANES INSIDE

ROCK AND DEBRIS GUARD

DRILLED SQUARE DRIVE

ADJUSTABLE SHUTTLE TENSION

AERONAUTICAL ALUMINIUM FRONT COVER



Operating and
Maintenance

MANUAL

DP 36 SF EVO

W

BEST PRACTICE TOURING CARS



Product name	DP 36 SF EVO
Product code LH Version	36SFEV.00005
Product code RH Version	36SFEV.00006
Product code LH Version*	36SFEV.00007
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	LH / RH 3/8" BSP LH* 1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (14 bar / 200 psi)	LH / RH 14500 rpm LH* 15000 rpm
Max torque	LH / RH 850 Nm (626 ft-lbs) LH* 900 Nm (663 ft-lbs)
Gun selector plate	2 port

*US VERSION

HIGHLIGHTS

- ✓ New carbon vanes
- ✓ Developed for 5 nuts
- ✓ Additional air exhausts to increase the speed



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster

AVAILABLE VERSIONS

VERY FAST!

Wheel gun for 5 nuts wheels
(touring) application!

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

TWIN HAMMER MECHANISM

AERONAUTICAL ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings (UE version)
- 1/4" NPT fittings (US version)



Operating and
Maintenance

MANUAL

DP 1040

W

BEST PRACTICE

TOURING CARS
MECHANICAL WORKS



Product name	DP 1040
Product code	001040.00001
Square drive	1/2"
Weight	1,30 kg (2.86 lbs)
Length	98 mm (3.86")
Air inlet	1/4"
Supply hose inside diameter	3/8"
Max pressure	6.3 bar (90 psi)
Free Speed (6.3 bar / 90 psi)	9500 rpm
Max torque	650 Nm (479 ft-lb)

HIGHLIGHTS

- ✓ New jumbo hammer typ
- ✓ Aluminum alloy body
- ✓ Built-in air power regulator



NEW JUMBO HAMMER TYPE

ENERGY EFFICIENT MOTOR:
MAXIMUM PERFORMANCE AND LONG LIFE

ALUMINUM ALLOY BODY

BUILT-IN AIR POWER
REGULATOR

F/R SWITCH

RUBBER COATED HANDLE



Operating and
Maintenance
MANUAL

E-GUN

W

BEST PRACTICE PIT STOP

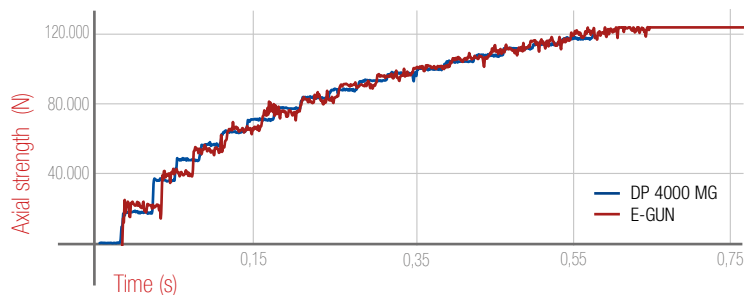
Generated from **PAOLI'S EXPERIENCE** in the sector and cutting edge engineering solutions, is the first electric cordless gun for pit stop application: the **E-GUN**.

The latest creation of Paoli's highly skilled R&D technicians is an innovative and highly performing product never seen before.

This is the first electric wheel gun with performances equivalent to those of a pneumatic wheel gun like the DP4000 MG and, unlike any other cordless on the market, equipped with a set of electronic components designed specifically for motorsport.

Fully metal built, E-GUN is equipped with the patented three griffes hammer mechanism, and with the ergonomic handle evolved together with the teams on the pit lane.

The E-GUN is completed by a data logging system and a control which allows the user to modify a large variety of settings.



PRODUCT NAME	VERSION	PRODUCT CODE
E-GUN SQUARE DRIVE	LH	00EGUN.00001
	RH	00EGUN.00002
	UH	00EGUN.00003
E-GUN SPLINE	LH	00EGUN.00004
	RH	00EGUN.00005
	UH	00EGUN.00006

HIGHLIGHTS

- ✓ Components of the electric motor made of titanium
- ✓ Data logging system
- ✓ Water shield



Fast left hand version:
loosens nuts tightened clockwise faster



Fast right hand version:
loosens nuts tightened anticlockwise faster



Special unhandled version:
loosens at same speed both the nuts tightened clockwise and anticlockwise

AVAILABLE VERSIONS

THE FIRST ELECTRIC CORDLESS GUN FOR PIT STOP APPLICATIONS!

INTERNAL BODY: STEEL
EXTERNAL BODY: AERONAUTICAL ALUMINUM

3-JAW HAMMER MECHANISM

MOTORSPORT ERGONOMY

PART OF THE BATTERIES INCLUDED IN THE HANDLE

ULTRA POWER BATTERY



TYPHOON PLUS

SPLINE DRIVE

W

BEST PRACTICE

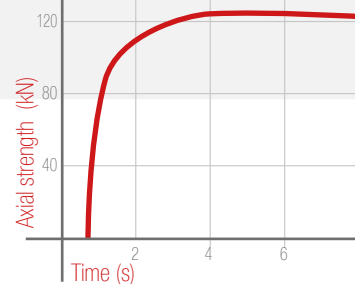
MOTORSPORT APPLICATION



Product name	TYPHOON PLUS SPLINE DRIVE
Product code	A.08.0024
Version	Cordless
Drive shaft	Spline
Weight (battery included)	3,5 kg (7.7 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	4.0 Ah

HIGHLIGHTS

- ✓ Fast, powerful and reliable
- ✓ Provided in a hard case
- ✓ Including: No. 2 **Ultra Power batteries**, a cable and a re-charger



NEW

**A NEW PLAYER IN THE MOTORSPORT INDUSTRY!
LIGHTER AND FASTER THAN ANY COMPETITOR MODEL!**



SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

MOTORSPORT SOCKET CONNECTION

LED LIGHT ON THE WORKING POINT DURING USE

LITHIUM ION BATTERY 20.0 V D.C.

FAST BATTERY CHARGER

AERONAUTICAL ALUMINUM

ERGONOMIC HANDLE



BATTERY LEVEL INDICATOR



Operating and
Maintenance

MANUAL

TYPHOON PLUS

SQUARE DRIVE

W

BEST PRACTICE

MOTORSPORT APPLICATION



Product name	TYPHOON PLUS SQUARE DRIVE
Product code	A.08.0026
Version	Cordless
Square drive	1"
Weight (battery included)	3,5 kg (7.7 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	4.0 Ah

HIGHLIGHTS

- ✓ Fast, powerful and reliable
- ✓ Provided in a hard case
- ✓ Including: No. 2 **Ultra Power batteries**, a cable and a re-charger

NEW

NEW FLANGED SHAFT:
MUCH MORE RELIABLE!



SPLINE DRIVE
READY

LED LIGHT ON THE WORKING
POINT DURING USE

LITHIUM ION BATTERY 20.0 V D.C.

FAST BATTERY CHARGER

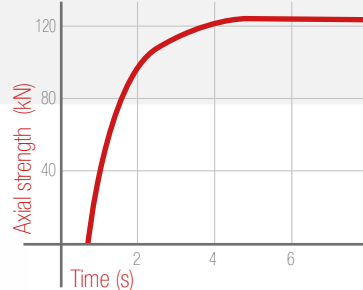
MOTORSPORT SOCKET
CONNECTION

AERONAUTICAL ALUMINUM

ERGONOMIC HANDLE



BATTERY LEVEL
INDICATOR



Operating and
Maintenance
MANUAL

TYPHOON - 1"

W

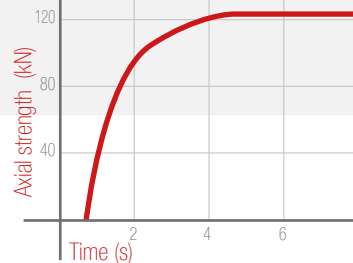
BEST PRACTICE MOTORSPORT APPLICATION



Product name	TYPHOON 1"
Product code	A.08.0014
Version	Cordless
Square drive	1"
Weight (with battery)	3,4 kg (7.5 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

HIGHLIGHTS

- ✓ Fast, powerful and reliable
- ✓ Provided in a hard case
- ✓ Including: No. 2 **Ultra Power batteries**, a cable and a re-charger



MOTORSPORT SOCKET CONNECTION



SPLINE DRIVE READY

NEW FLANGED SHAFT: MUCH MORE RELIABLE!

LED LIGHT ON THE WORKING POINT DURING USE

LITHIUM ION BATTERY 20.0 V D.C.

AERONAUTICAL ALUMINUM

ERGONOMIC HANDLE



BATTERY LEVEL INDICATOR

FAST BATTERY CHARGER



Operating and Maintenance

MANUAL

TYPHOON BRUSHLESS

W

BEST PRACTICE TOURING CARS



Product name	TYPHOON BRUSHLESS
Product code	A.08.0031
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.79 kg (8.35 lbs)
Length	231 mm (9.10")
Width	80 mm (3.14")
Height	295 mm (11.61")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1000 Nm (738 ft-lbs)

HIGHLIGHTS

- ✓ Fast and powerful
- ✓ Provided in a hard case
- ✓ 2 Batteries included, one in use and one as a spare



BRUSHLESS MOTOR

FAST CORDLESS GUN

ERGONOMIC HANDLE

LED LIGHT
ON THE WORKING
POINT DURING USE

LITHIUM ION BATTERY
20.0 V D.C.



Operating and
Maintenance

MANUAL

TYPHOON

W

BEST PRACTICE TOURING CARS



Product name	TYPHOON 1/2"
Product code	A.08.0006
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.66 kg (8.07 lbs)
Length	231 mm (9.10")
Width	87 mm (3.42")
Height	290 mm (11.42")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	880 Nm (650 ft-lbs)

ALSO AVAILABLE

Product name	TYPHOON 3/4"
Product code	A.08.0007
Square drive	3/4"
Weight (with battery)	3.70 kg (8.16 lbs)
Length	233 mm (9.17")
Max torque	1000 Nm (885 ft-lbs)

HIGHLIGHTS

- ✓ Fast and powerful
- ✓ Provided in a hard case
- ✓ 2 Batteries included, one in use and one as a spare



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhand version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

AVAILABLE VERSIONS



Operating and
Maintenance
MANUAL

ROCKET

W

BEST PRACTICE TOURING CARS



Product name	ROCKET
Product code	A.08.0004
Version	Cordless
Square drive	1/2"
Weight (without battery)	2.15 kg (4,74 lbs)
Length	242 mm (9.5")
Width	80 mm (3.1")
Height	255 mm (10")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	540 Nm (400 ft-lbs)

HIGHLIGHTS

- ✓ Light and compact
- ✓ Built-in torque selection system
- ✓ Six Torque Sections



LIGHTER AND
MORE COMPACT!



TORQUE
SELECTION SYSTEM

ERGONOMIC HANDLE

LITHIUM ION BATTERY
20.0 V D.C.



Operating and
Maintenance

MANUAL

TOOLKIT

W

BEST PRACTICE GARAGE WORK



Product name	TOOLKIT
Product code	A.08.0030
Version	Cordless
Square drive	1/4"
Weight (with battery)	0,88 kg (1.94 lbs)
Length	158 mm (6.22")
Width	54 mm (2")
Height	216 mm (8.50")
Voltage	10.8V d.c.
Free speed	1550 rpm
Max torque	23.5 Nm (17 ft-lbs)

HIGHLIGHTS

- ✓ Light and compact
- ✓ With ergonomic handle
- ✓ For garage work



LIGHTER AND
MORE COMPACT!

ERGONOMIC HANDLE

LITHIUM ION BATTERY
20.0 V D.C.







MOTORCYCLE SPORT

The new motorcycle wheel guns and accessories

4BIKE

M

BEST PRACTICE

FORMULA EWC
SUPERSTOCK



Product name	4BIKE
Product code	04BIKE.00001
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Operating pressure	10/14 bar (150/200 psi)
Free Speed - Loosening (14 bar / 200 psi)	14800 rpm
Free Speed - Tightening (14 bar / 200 psi)	11500 rpm
Max torque - Loosening (14 bar / 200 psi)	1025 Nm (756 ft-lbs)
Max torque - Tightening (14 bar / 200 psi)	850 Nm (627 ft-lbs)
Gun selector plate	2 port

HIGHLIGHTS

- ✓ New carbon vanes
- ✓ Developed for 5 nuts
- ✓ Additional air exhausts to increase the speed
- ✓ Less powered on tightening



Fast left hand version:
loosens nuts; tightened
clockwise faster

AVAILABLE VERSIONS

TWIN HAMMER MECHANISM

SQUARE DRIVE WITH SPRING PIN

VERY FAST!

Wheel gun for both rear
and front wheel.

6 NEW CARBON VANES INSIDE

AERONAUTICAL ALUMINIUM FRONT COVER

BUILT-IN FRS

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 7,6 mm (19/64")
- male 3/8" BSP fittings



Operating and
Maintenance

MANUAL



DP 1050



DP 1040

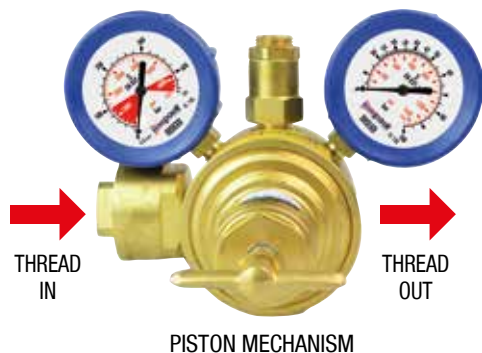


BUTTERFLY



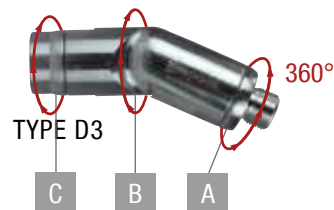
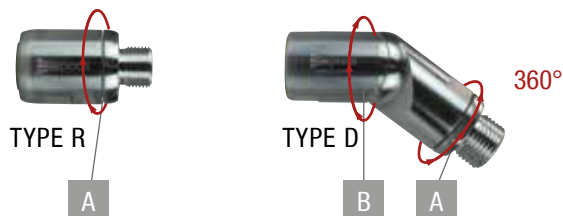
PRODUCT NAME	DP 1050	DP 1040	BUTTERFLY
PRODUCT CODE	001050.00001	001040.00001	BUTTERFLY.001
SQUARE DRIVE	1/2"	1/2"	3/8"
BOLT RANGE	M10-M16	M10-M16	M10
MAX TORQUE	700 Nm (518 ft-lb)	650 Nm (479 ft-lb)	108 Nm (80 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)	100-500 Nm (74-369 ft-lb)	10-100 Nm (10-75 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)	1,3 kg (2.87 lbs)	0,53 kg (1.17 lbs)
FREE SPEED	9.000 rpm	9.500 rpm	12.000 rpm
MAX WORKING PRESSURE	6,3 bar (91 psi)	6,3 bar (91 psi)	6,3 bar (91 psi)
AIR INLET	1/4" NPT	1/4" NPT	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")	9,5 mm (0.374")	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	92 mm (3.62")	98 mm (3.86")	130 mm (5.11")

AIR PRESSURE REGULATOR F4



CODE	B.40.0005	B.40.0030	B.40.0042
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-100 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK	•	•	•
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

TURNING CONNECTORS



	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER
TYPE D	B.43.0001	3/8" BSP	11 mm
TYPE R	B.43.0003	3/8" BSP	11 mm
TYPE D3	B.43.0002	3/8" BSP	11 mm



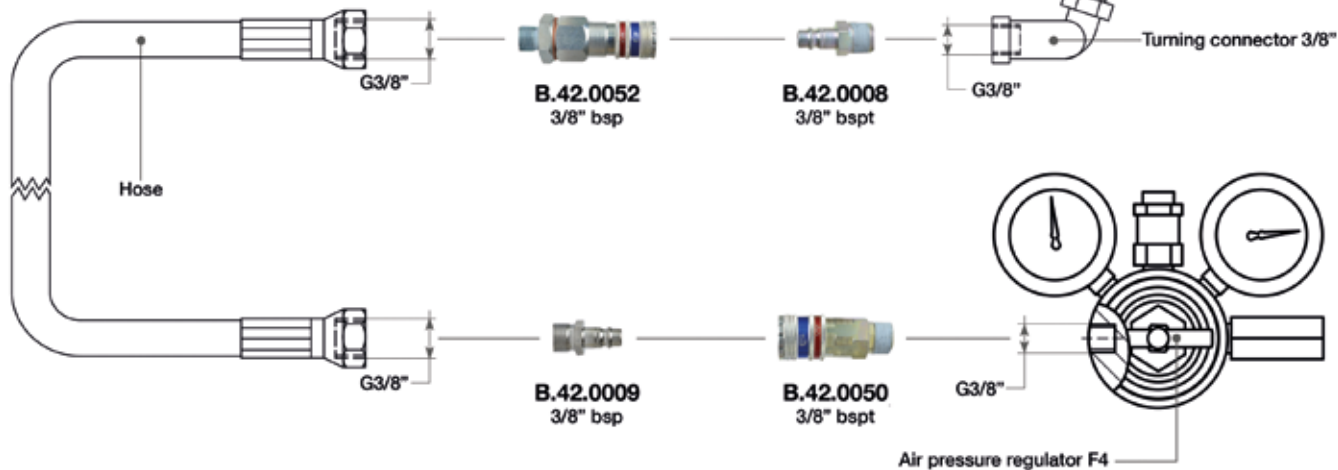
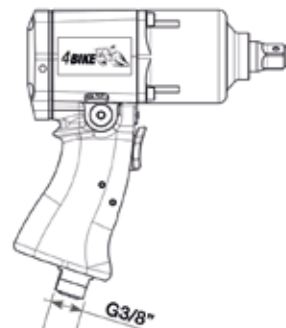
QUICK RELEASE COUPLINGS 3/8"



ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0008	320-5154	7,6 mm (19/64")	3/8" bspt
B.42.0052	320-2204	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0009	320-5264	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0050	320-2154	7,6 mm (19/64")	3/8" bspt



HOSES



H75

Technical data - bore size: 13 mm,
braid od: 23,5 mm, working pressure: 75 bar.

A - SELECT LENGTH

CODE	LENGTH
B.41.1005	5 m
B.41.1006	6 m
B.41.1007	7 m

B, C - SELECT COUPLINGS

	ANGLE	3/8"
	0°	B.41.5002
Female	45°	B.41.5005
	90°	B.41.5008

COVERS



B.18.0006
4BIKE
TRANSPARENT
PLASTIC COVER



B.18.0037
DP1050
RUBBER COVER

AVAILABLE FOR	PRODUCT CODE
4BIKE	B.18.0006
DP1050	B.18.0037

AIR BOTTLE COMPRESSOR



DPH220

PRODUCT CODE	B.21.0102
PRODUCT NAME	DPH220
ENGINE	Single-phase Electric 2,2kW - 3,0HP
CAPACITY	100 l/min - 3,5 CFM - 6 m ³ /h
OPERATING PRESSURE	300 bar (4350 psi)
FILLING TIME	20' (air bottle 10 l - 0-200 bar)
NOISE LEVEL	79 dB
OVERALL DIMENSIONS	58x41x41 cm 22 7/8x16 9/64x16 9/64 inch
DRY WEIGHT	42,5 kg (93,7 lb)



WHEEL NUT SOCKETS CUSTOMIZED DESIGN



Polygonal 30 mm



Polygonal 27 mm

CODE	SQUARE DRIVE	MATERIAL	WEIGHT
B.28.0071	1/2"	steel	245 g (0.54 lbs)
B.28.0072	1/2"	titanium	160 g (0.35 lbs)

CODE	SQUARE DRIVE	MATERIAL	WEIGHT
B.28.0069	1/2"	steel	225 g (0.49 lbs)
B.28.0070	1/2"	titanium	140 g (0.31 lbs)

On demand we are able to produce and supply more wheel nut sockets for different specific needs.



PAOLI SOCKETS

The new Paoli wheel nut sockets

PAOLI SOCKETS

S

WHEEL NUT SOCKETS

The new Paoli sockets are an unprecedented product and the result of a long and complex engineering research. Continued consultation with many race customers has ensured that the Paoli Sockets' technological development goes hand in hand with the real needs of racing teams in terms of versatility, safety, materials and maintenance.

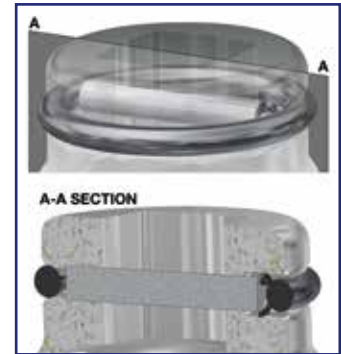
- Three different materials: titanium, special steel and aeronautical aluminium. The first and the second are suitable for the race application, the third one is suitable for non-intensive use and torque wrench.
- Innovative design, attractive shapes and aesthetically pleasing.
- Accuracy in fitting the socket to the square drive, perfect clearance that allows the socket to be assembled and disassembled just by hand.
- Innovative safety system to insert the pin through the socket/square drive hole. Revolutionary system when assembling the socket by using the circlip and an 'O' ring on the cover. Maximum safety, a fine fitting and a considerably reduced assembly time.
- Insertion of service holes for maintenance of magnets: replacing magnets is quick and easy, with a simple plug-locator.
- Internal 'O' ring retaining nut made from new Paoli Sockets material. The customized resin gives the socket an ideal grip with its high gripping power.
- The Paoli Sockets Service Kit for the maintenance and replacement of worn parts contains everything needed to work on the socket simply and safely. A brief instruction manual indicates the optimum way to carry out operations (E.g. replacement and subsequent refinement of magnets).



Internal 'O' ring retaining nut especially made for Paoli Sockets.

Also available in aeronautical aluminium, suitable for torque wrench applications.

Innovative safety system.



Replacing magnets is quick and easy thanks to rear service holes.

Accuracy in fitting the socket to the wrench (minimal clearance).

Innovative design, attractive shapes and aesthetically pleasing.

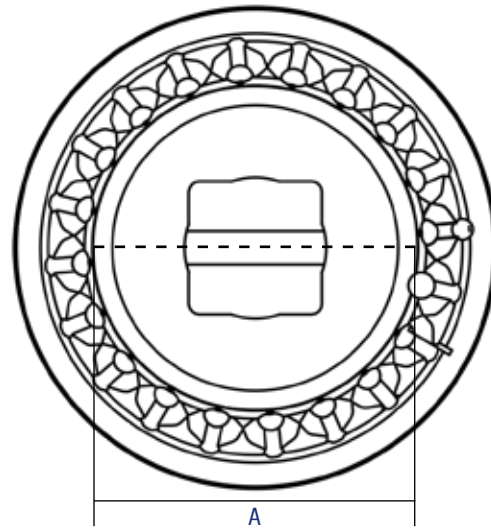


Operating and
Maintenance
MANUAL



CHOOSE YOUR PAOLI SOCKET

SOCKETS "WITH FINGERS"

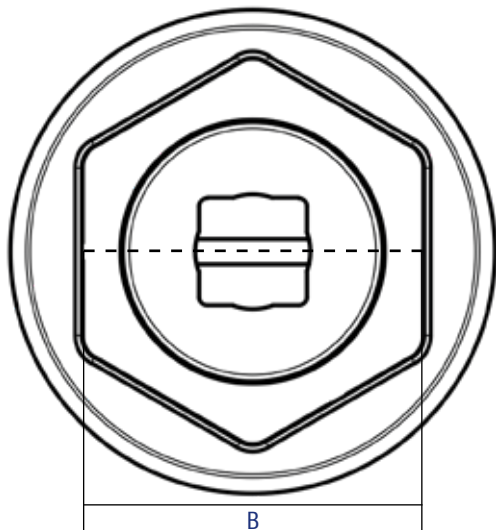


CODE	PAGE	CODE	PAGE	CODE	PAGE
B.28.0090	85	B.28.0095	89	B.28.0083	92
B.28.0082	85	B.28.0050	89	B.28.0063	92
B.28.0051	85	B.28.0080	90	B.28.0052	93
B.28.0058	85	B.28.0033	90	B.28.0059	93
B.28.0042	86	B.28.0041	90	B.28.0098	93
B.28.0081	89	B.28.0087	91		



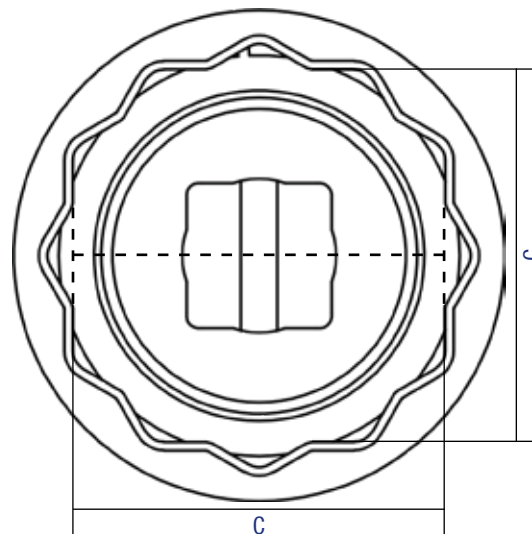
CHOOSE YOUR PAOLI SOCKET

HEXAGONAL SOCKETS



CODE	PAGE
B.28.0037	86
B.28.0064	88

DODECAGONAL SOCKETS



CODE	PAGE	CODE	PAGE
B.28.0091	87	B.28.0035	94
B.28.0061	87	B.28.0062	94
B.28.0034	94	B.28.0053	95



SOCKET CONFIGURATOR

BEST PRACTICE	CODE	DRIVE	MATERIAL	PAGE	BEST PRACTICE	CODE	DRIVE	MATERIAL	PAGE
F488	B.28.0090	Spline	Titanium	85	INDYCAR	B.28.0080	Spline	Titanium	90
	B.28.0082	Spline	Titanium	85		B.28.0033	Square 1"	Titanium	90
	B.28.0051	Square 1"	Alluminium	85		B.28.0041	Square 1"	Alluminium	90
	B.28.0058	Square 1"	Titanium	85		PORSCHE 911 RSR	B.28.0087	Spline	Titanium
F458 GT3	B.28.0042	Square 1"	Alluminium	86	PORSCHE 911 GT3-R	B.28.0083	Spline	Titanium	92
FERRARI 430 CHALLENGE	B.28.0037	Square 1"	Alluminium	86		B.28.0063	Square 1"	Titanium	92
FORMULA 2	B.28.0091	Spline	Titanium	87	PORSCHE 991 CUP	B.28.0052	Square 1"	Alluminium	93
	B.28.0061	Square 1"	Titanium	87	MERCEDES AMG GT3-R	B.28.0059	Square 1"	Steel	93
HURACAN SUPER TROFEO	B.28.0064	Square 1"	Alluminium	88		B.28.0098	Square 1"	Titanium	93
HURACAN GT3	B.28.0081	Spline	Steel	89	GP3 WSR F3	B.28.0034	Square 1"	Steel	94
	B.28.0095	Square 1"	Steel	89		B.28.0035	Square 3/4"	Steel	94
	B.28.0050	Square 1"	Steel	89	SUPER FORMULA	B.28.0062	Square 1"	Steel	94
					LMP3	B.28.0053	Square 1"	Steel	95



BEST PRACTICE → FERRARI ENDURANCE

PATENT
PENDING



B.28.0090

B.28.0082

F488

CODE	B.28.0090	B.28.0082
DRIVE	Paoli Spline	Paoli Spline
MATERIAL	titanium	titanium
A	59 mm	59 mm
RETENTION SYSTEM	front fixing screw	front fixing screw
TEETH NUMBER	12	24



B.28.0051

B.28.0058

F488

CODE	B.28.0051	B.28.0058
SQUARE DRIVE	1"	1"
MATERIAL	aluminium	titanium
A	59 mm	59 mm
RETENTION SYSTEM	n.a.	n.a.
TEETH NUMBER	24	24



BEST PRACTICE → FERRARI ENDURANCE



ALUMINIUM SOCKET:
ONLY FOR TORQUE WRENCH APPLICATION

F458 GT3 (14 slots nut)

CODE	B.28.0042
SQUARE DRIVE	1"
MATERIAL	aluminium
A	69,18 mm
RETENTION SYSTEM	magnets and o-ring
TEETH NUMBER	28



BEST PRACTICE → FERRARI CHALLENGE



ALUMINIUM SOCKET:
ONLY FOR TORQUE WRENCH APPLICATION

FERRARI 430 CHALLENGE

CODE	B.28.0037
SQUARE DRIVE	1"
MATERIAL	aluminium
B	80 mm
RETENTION SYSTEM	balls and springs



BEST PRACTICE → FORMULA 2

PATENT
PENDING



FORMULA 2

CODE	B.28.0091
DRIVE	Paoli Spline
MATERIAL	titanium
C	65 mm
RETENTION SYSTEM	front fixing screw

FORMULA 2

CODE	B.28.0061
DRIVE	1"
MATERIAL	titanium
C	65 mm
RETENTION SYSTEM	harmonic ring





BEST PRACTICE → LAMBORGHINI SUPER TROFEO



ALUMINIUM SOCKET:
ONLY FOR TORQUE
WRENCH APPLICATION

HURACAN SUPER TROFEO

CODE B.28.0064

SQUARE DRIVE 1"

MATERIAL aluminium

B 70 mm

RETENTION SYSTEM magnets



BEST PRACTICE → LAMBORGHINI ENDURANCE

PATENT
PENDING



HURACAN GT3

CODE	B.28.0081
DRIVE	Paoli Spline
MATERIAL	steel
A	49,5 mm
RETENTION SYSTEM	front fixing screw
TEETH NUMBER	20



HURACAN GT3

CODE	B.28.0095	B.28.0050
SQUARE DRIVE	1"	1"
MATERIAL	steel	steel
A	49,5 mm	49,5 mm
RETENTION SYSTEM	magnets	magnets
TEETH NUMBER	10	20



BEST PRACTICE → INDYCAR

PATENT
PENDING



INDYCAR

CODE	B.28.0080
DRIVE	Paoli Spline
MATERIAL	titanium
A	65,26 mm
RETENTION SYSTEM	front fixing screw
TEETH NUMBER	20



B.28.0033

B.28.0041
ALUMINIUM SOCKET:
ONLY FOR TORQUE
WRENCH APPLICATION

INDYCAR

CODE	B.28.0033	B.28.0041
SQUARE DRIVE	1"	1"
MATERIAL	titanium	aluminium
A	65,26 mm	65,26 mm
RETENTION SYSTEM	magnets and o-ring	magnets and o-ring
TEETH NUMBER	20	20



BEST PRACTICE → PORCHE CUP. ENDURANCE



NEW PAOLI SOCKET!
ORIGINAL PAOLI DESIGN
FOR SPLINE WHEEL GUNS.
CUTTING EDGE ANVIL-SOCKET
PAOLI FIXING SYSTEM! (Page 17)



PORSCHE 911 RSR

CODE	B.28.0087
DRIVE	Paoli Spline
MATERIAL	titanium
A	50,8 mm
RETENTION SYSTEM	magnets
TEETH NUMBER	18



BEST PRACTICE → PORSCHE CUP, ENDURANCE

PATENT
PENDING



RADIAL GRUB:
REDUCES THE GAP
BETWEEN SOCKET
AND SQUARE DRIVE



PORSCHE 911 GT3-R

CODE	B.28.0083
DRIVE	Paoli Spline
MATERIAL	titanium
A	58,5 mm
RETENTION SYSTEM	front fixing screw
TEETH NUMBER	18

PORSCHE 911 GT3-R

CODE	B.28.0063
SQUARE DRIVE	1"
MATERIAL	titanium
A	58,5 mm
RETENTION SYSTEM	magnets
TEETH NUMBER	18



BEST PRACTICE → PORSCHE CUP, ENDURANCE



BEST PRACTICE → MERCEDES SL3



ALUMINIUM SOCKET:
ONLY FOR TORQUE
WRENCH APPLICATION



B.28.0059

B.28.0098

PORSCHE 991 CUP

CODE	B.28.0052
SQUARE DRIVE	1"
MATERIAL	aluminium
A	65 mm
RETENTION SYSTEM	o-ring
TEETH NUMBER	15

Available on demand

MERCEDES AMG GT3-R

CODE	B.28.0059	B.28.0098
SQUARE DRIVE	1"	1"
MATERIAL	steel	titanium
A	61 mm	61 mm
RETENTION SYSTEM	pin, circlip and o-ring	pin, circlip and o-ring
TEETH NUMBER	12	12





BEST PRACTICE → GP3 WSR F3



B.28.0035

B.28.0034

GP3 WSR F3

CODE	B.28.0034	B.28.0035
SQUARE DRIVE	1"	3/4"
MATERIAL	steel	steel
C	55 mm	55 mm
RETENTION SYSTEM	balls and springs	balls and springs



BEST PRACTICE → SUPER FORMULA



SUPER FORMULA

CODE	B.28.0062
SQUARE DRIVE	1"
MATERIAL	steel
C	65 mm
RETENTION SYSTEM	harmonic ring



BEST PRACTICE → LMP3



LMP3

CODE	B.28.0053
SQUARE DRIVE	1"
MATERIAL	steel
C	60 mm
RETENTION SYSTEM	magnets



PAOLI WHEEL NUTS



COMPATIBLE WITH F488

CODE	VERSION	DESCRIPTION
B.32.0018	LH - aerospace steel	with slots
B.32.0019	RH - aerospace steel	with slots

On demand we are able to produce and supply more wheel nuts for different specific needs.





SPLINE SOCKETS SERVICE KIT



CODE: B.23.0221
Spline anvil-socket connection kit.

The kit includes:

- 1 adjustable hook wrench with round pin
- 3 disc springs
- 3 self-locking washers
- 1 axial retaining screw

INSERT ADAPTERS



Recommended just for garage use.
With this compact insert adapter to a bigger square drive the overall length is reduced to an absolute minimum.
The insert adapter sticks to the socket by means of a magnet.

CODE	WHEEL GUN	SOCKETS
B.29.0001	1/2"	3/4"
B.29.0002	3/4"	1"

SOCKET RINGS & RETAINERS



WARNING!

The socket without the retainer can be dangerous if it gets out during the work!

FOR SOCKETS	PAGE	RETAINERS	RINGS
B.28.0063	92		
B.28.0052	93	B.30.01.0014	B.30.02.0004
B.28.0033	B.28.0041	90	
B.28.0037	86	B.30.01.0009	B.30.02.0005
B.28.0051	B.28.0058	85	
B.28.0042	86		
B.28.0064	88	B.30.01.0014	B.30.02.0004
B.28.0050	89		
B.28.0059	93		
B.28.0062	94	B.30.01.0014	B.30.02.0008
B.28.0061	87	B.30.01.0014	B.30.02.0004
B.28.0034	94	B.30.01.0014	B.30.02.0008
B.28.0035	94	B.30.01.0001	B.30.02.0003





paoli
MADE IN ITALY

LH7

3-POF

paoli

paoli



FAST REVERSE DEVICES

Speed up your wheel gun shuttle motion

E-SHUTTLE

R

MOTORSPORT APPLICATIONS



The E-Shuttle is the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion. The combination of electronic power and software control guarantees higher accuracy and repeatability allowing changes in less than 15 hundredths of a second. The operator can now command the spool position with a conventional switch that, conveniently located, can reduce effort and time of actuation.

The entire system is controlled by an electronic circuit housed in the back cover which logs and shares many analog and digital signal via CANBUS communication protocol; and it is powered with a 12 volts, 2 ampères supply.

The E-Shuttle system logs and controls several parameters:

- SOCKET ROTATION ANGLE RPM
- TELEMETRY PRESSURE
- E-SHUTTLE TELEMETRIC DATA
- SPOOL POSITION

Product name	E-SHUTTLE V4	E-SHUTTLE V6
Product code LH Version	B.23.0217	B.23.0223
Product code RH Version	B.23.0234	B.23.0224

HIGHLIGHTS

- ✓ Ease of actuation
- ✓ 0.15s spool change
- ✓ Repeatability

- Telemetry pressure sensor and hose
- Angle sensor Kit
- Spool switch and cable

AVAILABLE ACCESSORIES

NEW



E-SHUTTLE
SYSTEM

CONNECTORS



SPOOL SWITCH

RPM/ANGLE SENSORS



FAST SHIFT



CODE	DESCRIPTION	APPLY ON
B.23.0187	LH 2-PORT BLUE	
B.23.0189	RH 2-PORT RED	HURRICANE CLASSIC HANDLE
B.23.0188	LH 3-PORT BLUE	
B.23.0190	RH 3-PORT RED	
B.23.0183	LH 2-PORT BLUE	
B.23.0185	RH 2-PORT RED	HURRICANE 90° ANGLED HANDLE
B.23.0184	LH 3-PORT BLUE	
B.23.0186	RH 3-PORT RED	
B.23.0175	LH 2-PORT BLUE	
B.23.0179	RH 2-PORT RED	DP 6000 CLASSIC HANDLE
B.23.0177	LH 3-PORT BLUE	
B.23.0181	RH 3-PORT RED	
B.23.0176	LH 2-PORT RED	
B.23.0180	RH 2-PORT RED	DP 6000 90° ANGLED HANDLE
B.23.0178	LH 3-PORT BLUE	
B.23.0182	RH 3-PORT RED	



- Operator-controlled auto-reverse device
- Operator-friendly
- Increased speed of wheel gun direction-change
- Light weight: 430 grams

The Fastshift is an active system. So, to activate the inversion, it is sufficient to release the lever.

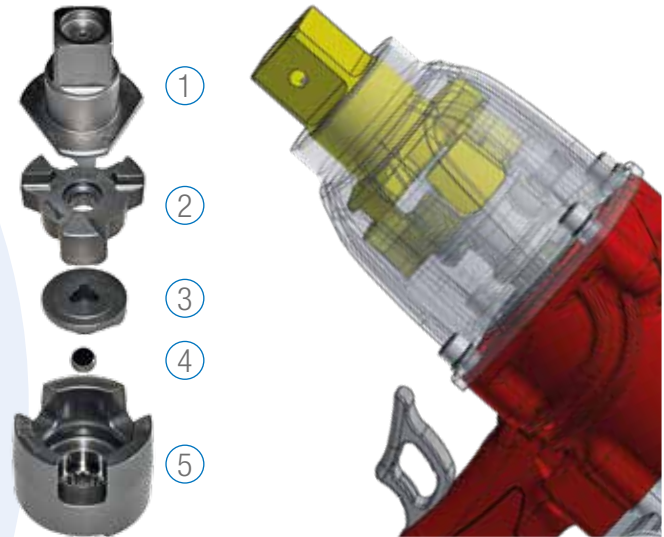


WHEEL GUN OPTIONALS

Enhance your Paoli guns



CLUTCH DEVICE



B.23.0166 LH VERSION

B.23.0167 RH VERSION

It reduces the power on tightening. The clutch device consists of:

- ① Anvil shank
- ② Clutch plate with angled jaws
- ③ Cam clutch
- ④ Ball
- ⑤ Clutch housing

By replacing this parts you get a gun that is less powerful on tightening while the loosening power remains unchanged.

2-PORT BACK COVER KIT



B.23.0087

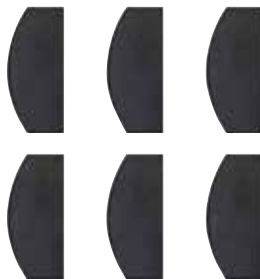
Available only for wheel guns DP 4000 MG, DP 4000 TS LAB, DP 4000 BIAS, DP 5000 TI.



Available for wheel guns DP 6000:

- LH Version: code B.23.0141
- RH Version: code B.23.0142
- UH Version: code B.23.0140

CARBON PEEK MOTOR VANES



B.23.0131

MORE DURABLE. After a test run at 30 bar, we got a double life when compared to the normal carbon vanes.

MORE SMOOTHNESS. The carbon peek composite gets much less friction in the air motor.

Available for wheel guns DP 4000 BIAS, DP 4000, DP 3000, DP 2000 S, DP 2000 SE.

CARBON FRONT COVERS



Now with Zylon film built-in and Paoli logo. The Zylon coating prevents the splintering of the carbon cover increasing the operator safety. Screws and washers included.

CODE	APPLY ON
B.23.0121	DP 2000 SE, DP 3000, DP 4000, DP 4000 MG
B.23.0109	DP 5000, DP 6000, HURRICANE





FAST REVERSE SYSTEM



B.31.0001

Available only for DP 2000 S, DP 2000 SE, DP 197 SFE, DP 177 SFE and DP 176 SFE.



B.31.0009



B.31.0010



B.31.0016



B.31.0017



B.31.0018



B.31.0013



B.31.0005

(B.31.0019 only for DP3000 SUPERSPORT)

Available for DP 3000, DP 4000 MG, SUPERSPORT, DP 3000 SUPERSPORT, DP 4000 BIAS, DP 5000 BIAS, DP6000 BIAS, DP 5000 TI MARK II, DP 6000, BLUEDEVIL.

Available only for wheel guns DP 3000, DP 4000 MG, BLUE DEVIL, SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II, DP 5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.



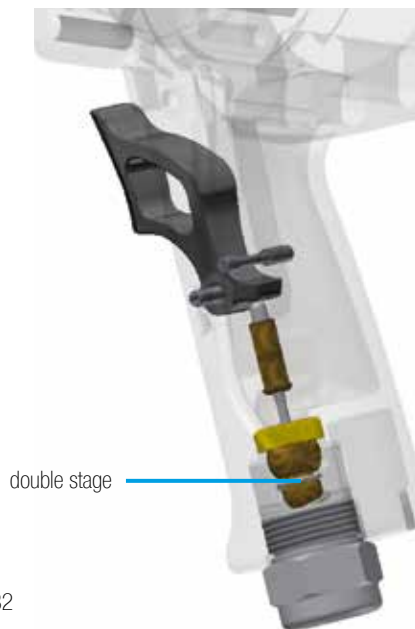
NEW



B.31.0033

Available only for wheel guns DP 3000, DP 4000 MG, BLUE DEVIL, SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II, DP 5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.

DOUBLE STAGE TRIGGER



B.23.0132

This new system has been designed to act easily on the trigger even at very high pressures (over 25 bar).

AVAILABLE FOR:

- 5000 TI MARK II
- 5000 TI MARK II TSA
- 4000 MG (only for models from January 2015)

TRIGGERS



CODE	MATERIAL	AVAILABLE FOR
D.01.21.0070	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (90° angled handle)
D.01.21.0069	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (72° angled handle)
D.01.21.0028	Steel	DP 6000 - DP 5000 TI MARK II DP 4000MG
D.01.21.0027	PA w/ glass fiber	DP 6000 - DP 5000 TI MARK II DP 4000 MG
D.01.21.0001	PA w/ glass fiber [standard]	DP 5000 TI MARK II DP 4000 BIAS DP 4000 MG
D.01.21.0026	PA w/ carbon fiber	DP 6000 - DP 5000 TI MARK II DP 4000 MG

PAOLI DISPLAYERS

Demountable stand for Paoli wheel guns, air pressure regulators and accessories.

Easy to be disassembled.

Side panel graphics can be customized on request.



B.26.0028



3/8" fittings for Paoli impact wrenches



Brackets for Paoli air pressure regulators



It is on swivel wheels for easy transportation



PAOLI DISPLAYERS



B.26.0015

Table displayers made of steel for Paoli impact wrenches with quick release couplings included.

Models available:

- 1 position (B.26.0015)
- 3 positions (B.26.0009)
- 5 positions (B.26.0010)



WHEEL GUN BAGS



NEW ERGONOMIC SHAPE!



B.19.0011

Made of technical fabric with polyethylene foam padding. Removable padding. Hand wash with soap and water (not washing machine).

- New design: more ergonomic!
- Each bag can contain: 2 wheel guns with sockets mounted on
- Tags available





COVERS



TRANSPARENT
PLASTIC COVER

AVAILABLE FOR	PRODUCT CODE
HURRICANE	B.18.0050
DP 6000 - DP 5000 TI - DP 4000 MG	B.18.0013
DP 5000 BIAS - DP 6000 BIAS	B.18.0043
DP 2000 S, SE	B.18.0000
DP 4000 BIAS	B.18.0024
SUPER SPORT	B.18.0023
DP 197 SFE	B.18.0001
DP 176 SFE - DP 177 SFE	B.18.0003
BLUE DEVIL	B.18.0019
DP 36 SF EVO - 4BIKE	B.18.0006
DP 5000 TI (with fast shuttle) DP 4000 MG (with fast shuttle)	B.18.0030



BALLISTIC
NYLON COVER

Technical fabric cover made of ballistic nylon.
Strong and durable, thick and resistant, new design
- Available in:

● black ● red ● blue

AVAILABLE FOR	PRODUCT CODE
	B.18.0047 black
HURRICANE	B.18.0048 red
	B.18.0049 blue
DP 6000,	B.18.0031 black
DP 5000 TI,	B.18.0032 red
DP 4000 MG	B.18.0033 blue
	B.18.0056 black
DP 3000 SUPERSPORT	B.18.0057 red
	B.18.0058 blue

Other models coming soon.



CARBON LOOK
COVER



Cover made of leather with carbon texture, with 3mm thick
internal padding made of high density closed cell sponge.
- Embroidery available in:

● red ● blue ● yellow ● light blue ○ white

AVAILABLE FOR	PRODUCT CODE
	B.18.0068 red
	B.18.0069 blue
HURRICANE	B.18.0070 yellow
	B.18.0071 light blue
	B.18.0072 white
	B.18.0063 red
DP 6000,	B.18.0064 blue
DP 5000 TI,	B.18.0065 yellow
DP 4000 MG	B.18.0066 light blue
DP 4000 30BAR	B.18.0067 white

Different embroidery color available on demand



GRIP TAPES



NEW AMERICAN STYLE!
MORE GRIP
MORE STRENGTH



T.02.0023



T.02.0030



T.02.0022



PRODUCT CODE DESCRIPTION

T.02.0030	Handle sticker for HURRICANE 90° ANGLED HANDLE, DP 6000 90° ANGLED HANDLE
T.02.0023	Handle sticker for HURRICANE 72° ANGLED HANDLE, DP 6000 72° ANGLED HANDLE, DP 5000 TI, DP 4000 MG, DP 2000 SE, SUPERSPORT, DP 197 SFE, DP 176 SFE
T.02.0022	Handle sticker for BLUE DEVIL, DP 36 SF EVO
B.23.0076	Grip Tape (15 m x 50 mm)



ISR
FUEL
STOP
BOX

 **po**
PIT
WE SPEED

50 years anniversary

50 YEARS

DRIVER.10

RAVENOL

PIRELLI P ZERO

oli
STOP
ED YOUR RACE

versary celebration
versary celebration
y celebration

MAGSEAM
SEAMLESS WALLING

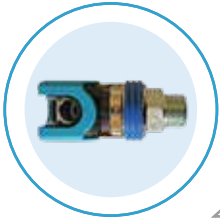
AIR SUPPLY SYSTEM

Equipment for the maximum power

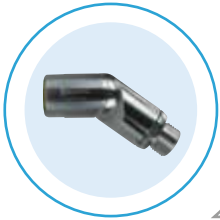




AIR SUPPLY SYSTEM



**QUICK RELEASE
COUPLINGS** 118



**TURNING
CONNECTORS** 126



HOSES 130

**132 AIR PRESSURE
REGULATORS**



**145 AIR BOTTLES
& TROLLEYS**



**153 AIR BOTTLE
COMPRESSORS**

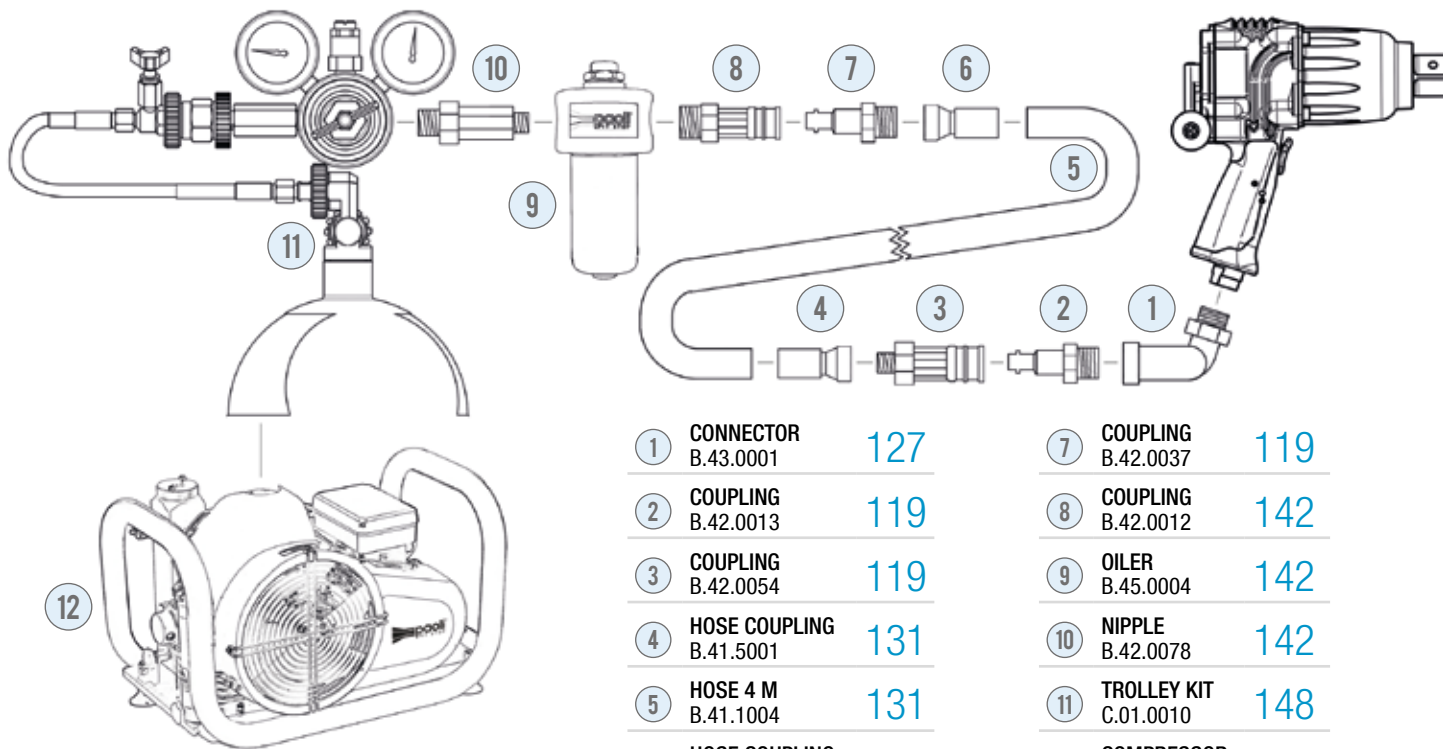




RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

1/2" FITTING



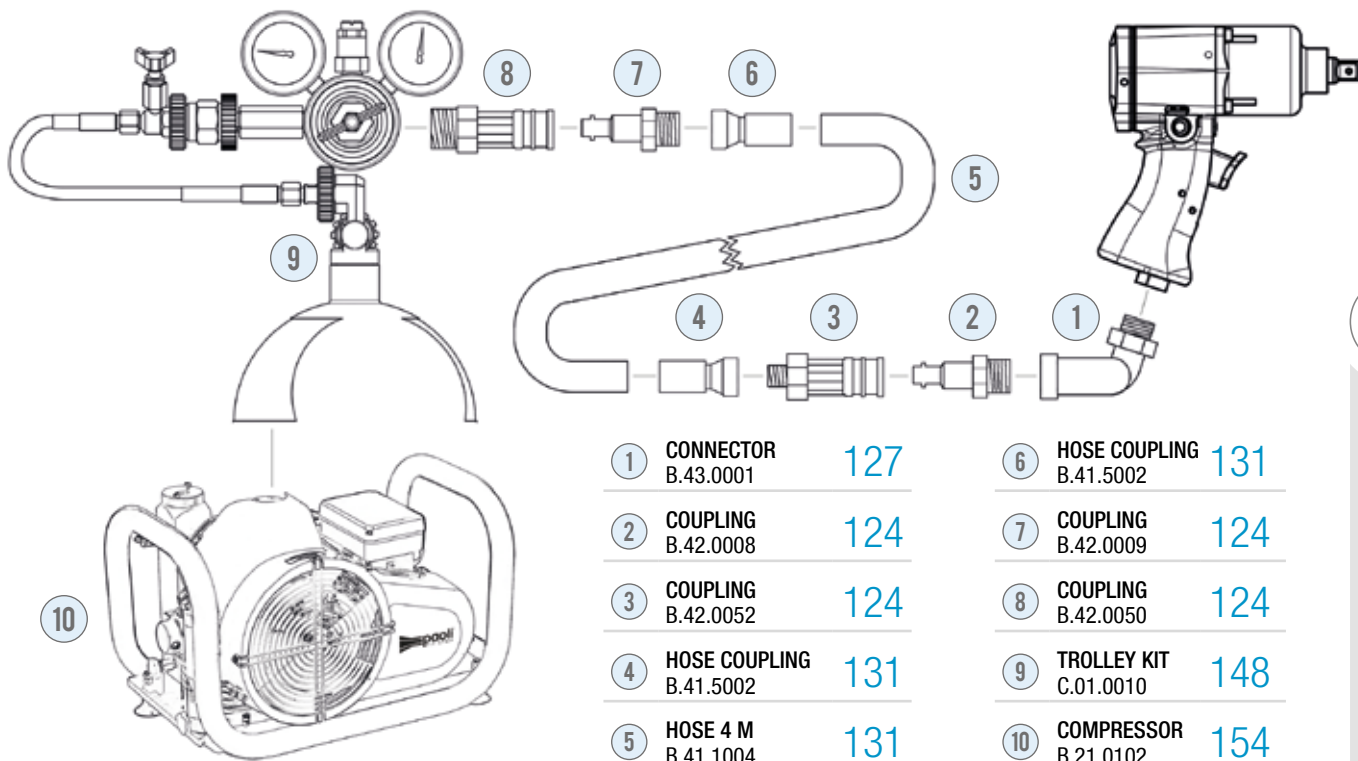
①	CONNECTOR B.43.0001	127	⑦	COUPLING B.42.0037	119
②	COUPLING B.42.0013	119	⑧	COUPLING B.42.0012	142
③	COUPLING B.42.0054	119	⑨	OILER B.45.0004	142
④	HOSE COUPLING B.41.5001	131	⑩	NIPPLE B.42.0078	142
⑤	HOSE 4 M B.41.1004	131	⑪	TROLLEY KIT C.01.0010	148
⑥	HOSE COUPLING B.41.5001	131	⑫	COMPRESSOR B.21.0102	154



RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: DP 176 SFE • BLUE DEVIL • DP 36 SF EVO • 4BIKE

3/8" FITTING



①	CONNECTOR B.43.0001	127	⑥	HOSE COUPLING B.41.5002	131
②	COUPLING B.42.0008	124	⑦	COUPLING B.42.0009	124
③	COUPLING B.42.0052	124	⑧	COUPLING B.42.0050	124
④	HOSE COUPLING B.41.5002	131	⑨	TROLLEY KIT C.01.0010	148
⑤	HOSE 4 M B.41.1004	131	⑩	COMPRESSOR B.21.0102	154



QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

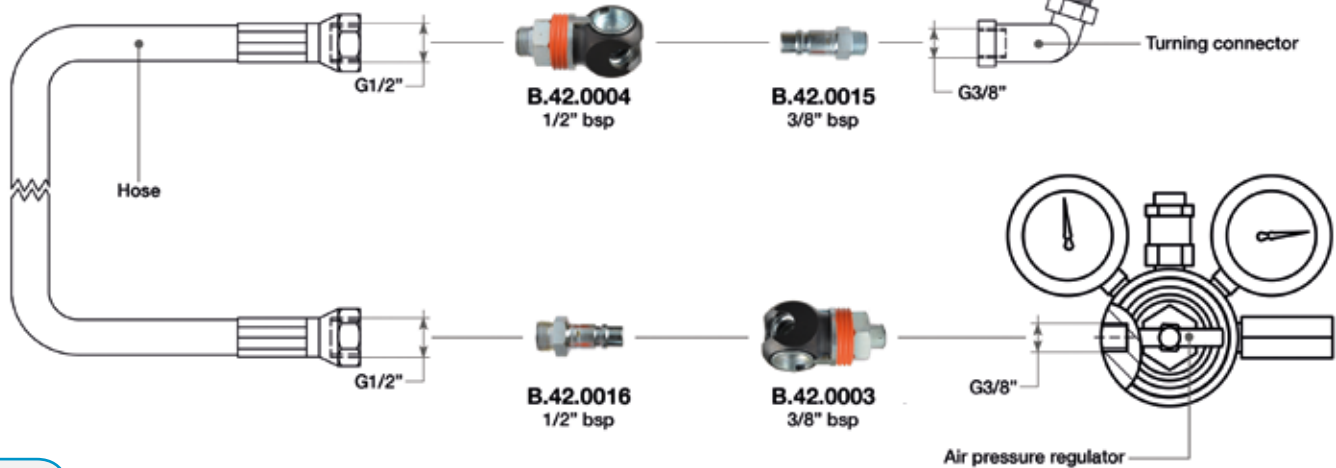
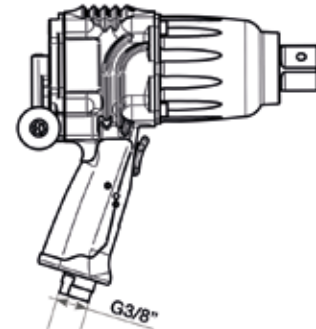
tst EUROPE

SECURITY SYSTEM BY TST EUROPE

Safety Device.

Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0015	11 mm (7/16")	3/8" bsp
B.42.0004	11 mm (7/16")	1/2" bsp
B.42.0016	11 mm (7/16")	1/2" bsp
B.42.0003	11 mm (7/16")	3/8" bsp





QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

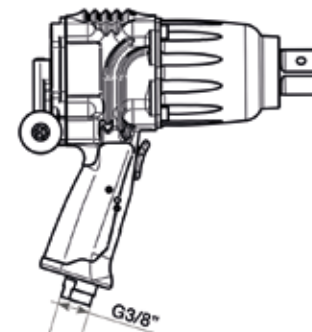
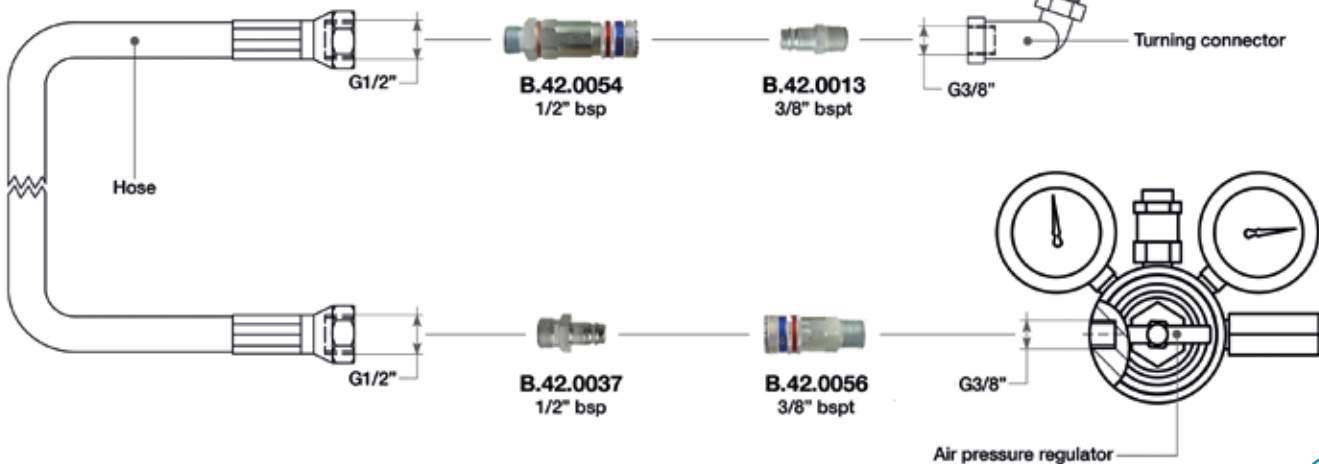
SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE



ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0013	410-5154	10,4 mm (13/32")	3/8" bspt
B.42.0054		10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0037	410-5265	10,4 mm (13/32") ID 60°	1/2" bsp
B.42.0056	410-2155	10,4 mm (13/32")	3/8" bspt



QUICK RELEASE COUPLINGS 1/2"



AIR SUPPLY SYSTEM







QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

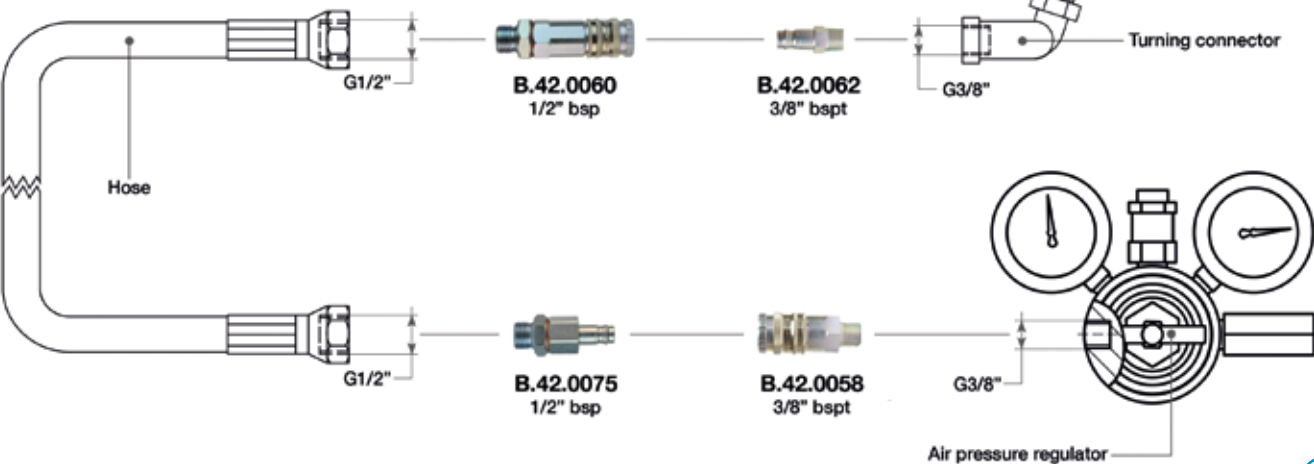
SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 MG • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE



HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0062	442-5154	10,4 mm (13/32")	3/8" bspt
B.42.0060		10,4 mm (13/32")	1/2" bsp
B.42.0075		10,4 mm (13/32")	1/2" bsp
B.42.0058	442-1154	10,4 mm (13/32")	3/8" bspt





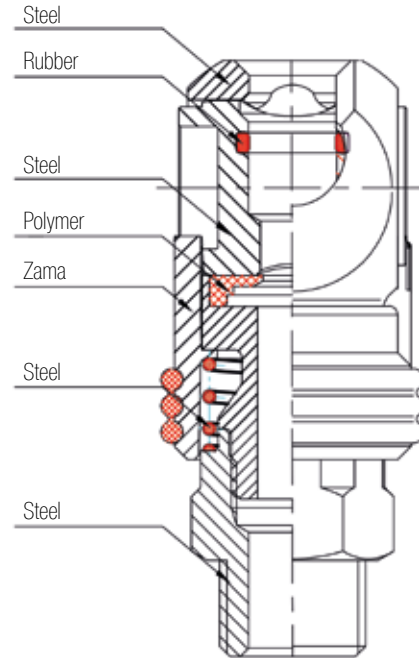
UPDATED AND MORE PERFORMANT VERSION!
NOW UP TO 30 BAR RESISTANT.



High technology materials

New colour codes

Available versions:
3/8" - Code B.42.0001
1/2" - Code B.42.0002





QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 176 SFE • BLUE DEVIL • DP 36 SF EVO • 4BIKE

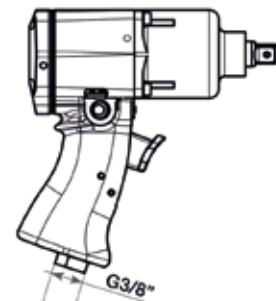
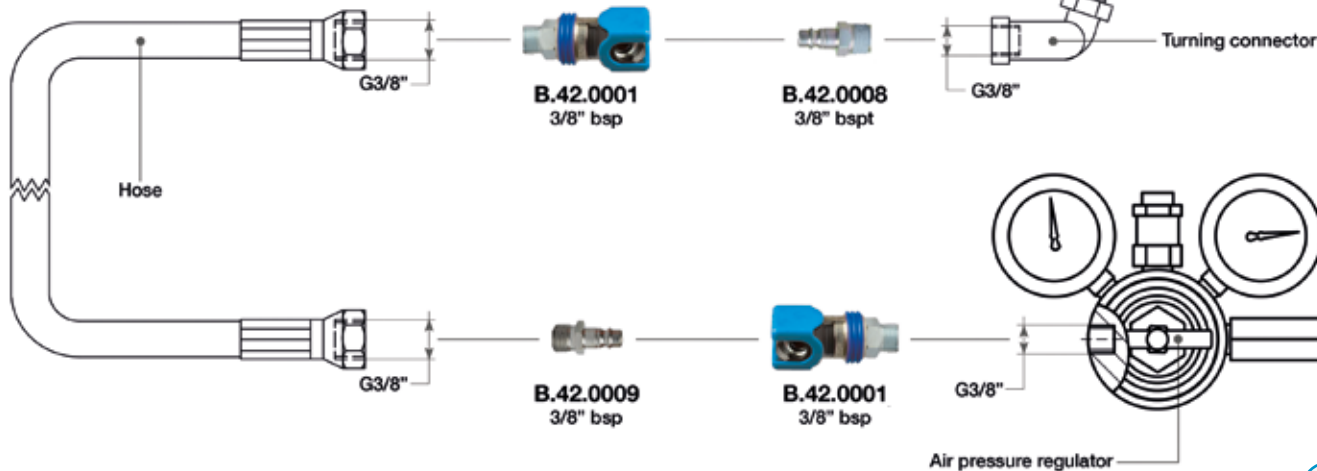
tst EUROPE

SECURITY SYSTEM BY TST EUROPE

Safety Device.

Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0008	7,6 mm (19/64")	3/8" bspt
B.42.0001	8 mm (5/16")	3/8" bsp
B.42.0009	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0001	8 mm (5/16")	3/8" bsp



AIR SUPPLY SYSTEM





QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

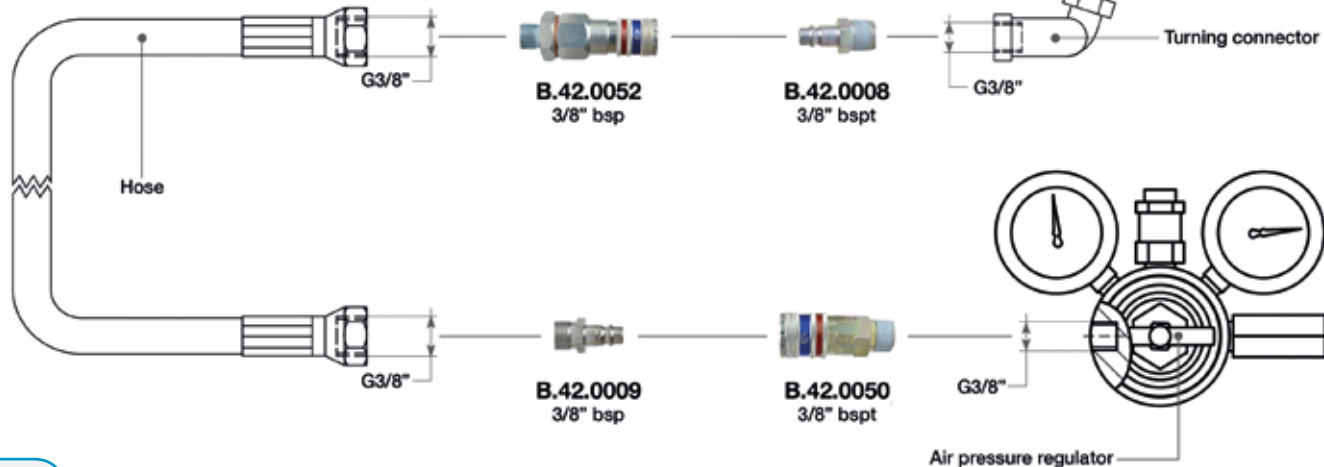
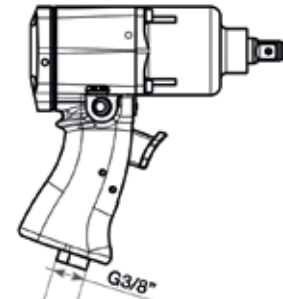
SUITABLE FOR: DP 176 SFE • BLUE DEVIL • DP 36 SF EVO • 4BIKE



ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0008	320-5154	7,6 mm (19/64")	3/8" bspt
B.42.0052	320-2204	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0009	320-5264	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0050	320-2154	7,6 mm (19/64")	3/8" bspt





QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

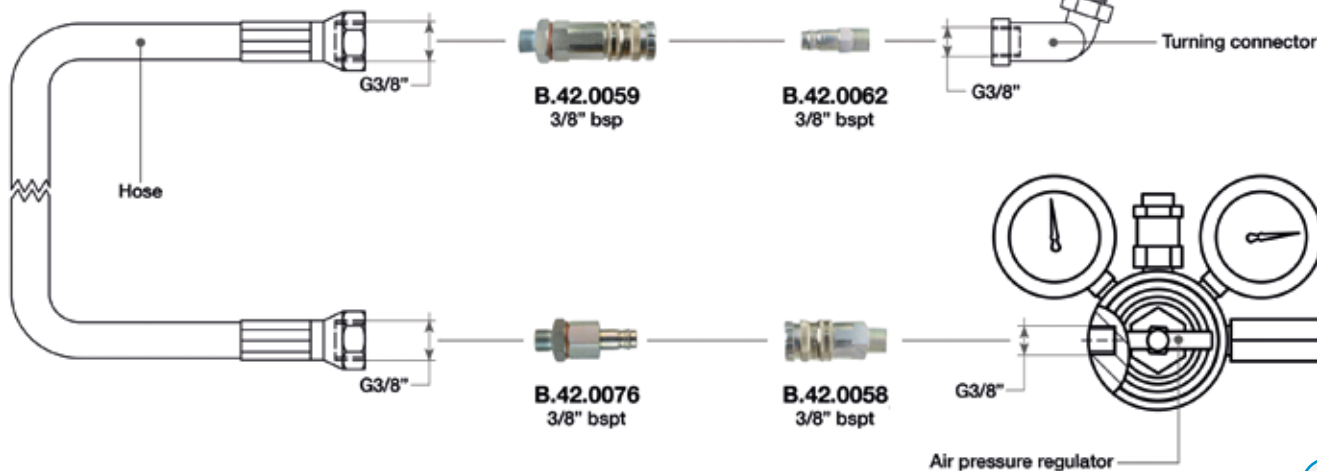
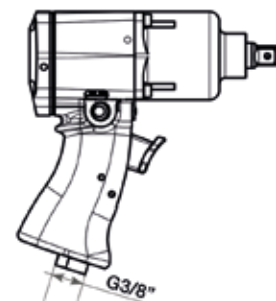
SUITABLE FOR: DP 176 SFE • BLUE DEVIL • DP 36 SF EVO • 4BIKE



HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	PRODUCT NAME	INSIDE DIAMETER	THREAD
B.42.0062	442-5154	10,4 mm (13/32")	3/8" bspt
B.42.0059		10,4 mm (13/32") ID 60°	3/8" bsp
B.42.0076		10,4 mm (13/32")	3/8" bspt
B.42.0058	442-1154	10,4 mm (13/32")	3/8" bspt





TURNING CONNECTORS



COLOURED TURNING CONNECTORS!
BLUE AND RED



The brand new coloured turning connectors are born to be matched to the RH-RED and LH-BLUE Paoli wheel guns.

The TYPE D coloured turning connectors are available in 1/2" and 3/8" versions.

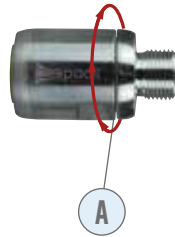
PRODUCT CODE	COLOUR	MALE/FEMALE	INSIDE DIAMETER	TURNING
B.43.0061	red	3/8" BSP	11 mm	360°
B.43.0062	blue	3/8" BSP	11 mm	360°
B.43.0063	red	1/2" BSP	11 mm	360°
B.43.0064	blue	1/2" BSP	11 mm	360°

TURNING CONNECTORS

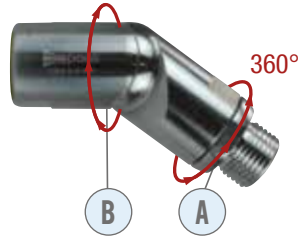


**NO MORE
TANGLED HOSES!**

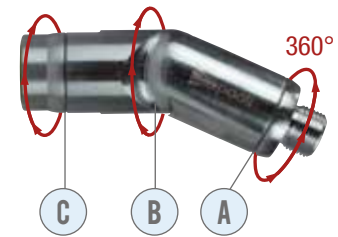
TYPE R



TYPE D



TYPE D3



	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER	TURNING	FLEXING HOSE CONNECTOR	TURNING
TYPE D	B.43.0001	3/8" BSP	11 mm	360°	90°	
	B.43.0004	1/4" NPT	7 mm	360°	90°	
	B.43.0007	1/2" BSP	11 mm	360°	90°	
TYPE R	B.43.0003	3/8" BSP	11 mm	360°	--	
	B.43.0011	1/2" BSP	11 mm	360°	--	--
TYPE D3	B.43.0002	3/8" BSP	11 mm	360°	90°	360°
	B.43.0041	1/2" BSP	11 mm	360°	90°	360°



 paoli

MADE IN ITALY



WHIP HOSES



WH3C - B.20.01.0007
Whip Hose w/D3 Turning Connector



WHSC - B.20.01.0002
Whip Hose w/Swivel Fitting



WHTC - B.20.01.0001
Whip Hose w/360° Turning Connector



PRODUCT NAME	PRODUCT CODE	INSIDE DIAMETER	OUTSIDE DIAMETER	LENGTH		CONNECTION SIDE 1	CONNECTION SIDE 2	
WHTC	B.20.01.0001	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0001	B.41.0003	female
WHSC	B.20.01.0002	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0003	B.41.0003	female
WH3C	B.20.01.0007	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0003	B.41.0003	female



HOSES

HOW TO ORDER:

1. select the length of the hose
(TABLE A)



2. select the couplings at both ends
of the hose (TABLE B/C)



More items and configurations
on demand.



BLACK HOSE

- 75 bar
- Customizable lengths and fittings
- High quality and strength

FLUORESCENT HOSE

- 75 bar
- Customizable lengths and fittings
- Fluorescent yellow marking along the entire hose: it shines in the dark!
- High visibility during night operations.



HOSES

TECHNICAL DATA

- Bore size: 13 mm
- Braid od: 23,5 mm
- Working pressure: 75 bar

TABLE A – SELECT LENGHT

CODE		LENGTH
Black hose	Fluorescent hose	
B.41.1001	B.41.1501	1 m
B.41.1002	B.41.1502	2 m
B.41.1003	B.41.1503	3 m
B.41.1004	B.41.1504	4 m
B.41.1005	B.41.1505	5 m
B.41.1006	B.41.1506	6 m
B.41.1007	B.41.1507	7 m
B.41.1008	B.41.1508	8 m
B.41.1009	B.41.1509	9 m
B.41.1010	B.41.1510	10 m

TABLE B/C – SELECT COUPLINGS

	ANGLE	1/2"	3/8"	NPT 3/8
Female	0°	B.41.5001	B.41.5002	B.41.5003
	45°	B.41.5004	B.41.5005	
	90°	B.41.5007	B.41.5008	
Male	0°	B.41.5010	B.41.5011	

B.41.0068



B.41.0071



B.41.0070



B.41.0069



HOSE COVER

- Expandable hose cover
- Flexo PET Techflex
- More colors available on demand



PAOLI REGULATORS

S

AIR PRESSURE REGULATORS



Main features: Paoli regulators have all been conceived to first guarantee the correct (very high) air flow to all the models of Paoli guns. Furthermore, all the Paoli regulators minimize the pressure drop from static to dynamic. We do deliver mostly piston regulators for high pressure and diaphragm regulators for lower pressures.

- All of our regs are entirely made of brass
- We can deliver different kind of gauges (standard, filled w/vaseline to stabilize the needle, w/double main scale psi/bar)
- We do always recommend to match a high pressure oiler to each regulator and to ship them back regularly to us or to an authorized service centre for a complete overhaul.

F4 FEATURES



- The “Paoli F4” air pressure regulator is the best seller model. It keeps high performances also when the bottle is almost empty. Max air flow superior to any other air pressure regulator!
- It grants constant air flow also at high pressures.
- It keeps high performances also when the air bottle is half empty.
- It gives very high air flow



Operating and
Maintenance
MANUAL



MODEL F1 / MODEL F2



TWO MODELS IN 1!

F1 can be converted in F2 model with just an over pressure valve setting!

PISTON MECHANISM

MODEL F1

CODE	B.40.0001	B.40.0034	B.40.0040
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-60 bar
OVER PRESSURE VALVE SETTING	30 bar	30 bar	30 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK			
HIGH FLOW FILTER			
BALANCED			

MODEL F2

CODE	B.40.0002	B.40.0035	B.40.0041
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-100 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK	•	•	
HIGH FLOW FILTER			
BALANCED			

MODEL F4

THE BEST SELLER MODEL!

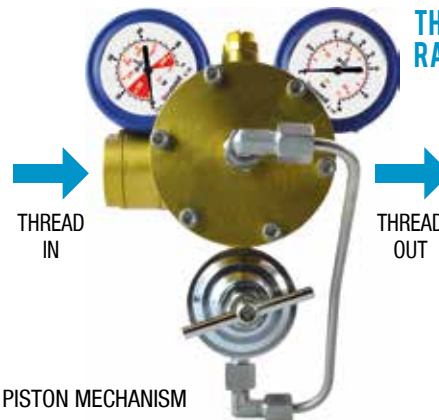


PISTON MECHANISM

CODE	B.40.0005	B.40.0030	B.40.0042
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK	•	•	•
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

MODEL F9

THE TOP RANGE MODEL!

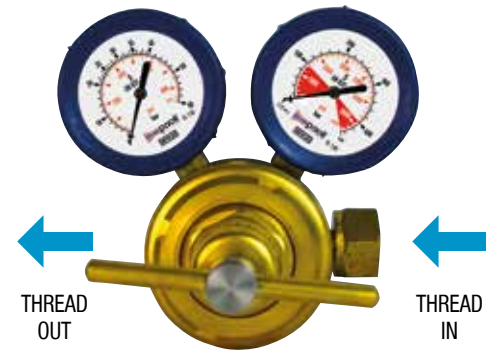


PISTON MECHANISM

CODE	B.40.0006	B.40.0033	B.40.0097
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	40 bar	40 bar	40 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK			
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•



MODEL F40



DIAPHRAGM MECHANISM

CODE	B.40.0049
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	700 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-60 bar
OVER PRESSURE VALVE SETTING	40 bar
THREAD IN	1/4" BSP
THREAD OUT	1/2" BSPT
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	
BALANCED	



MODEL F50

THE MODEL USED BY
ALL THE NASCAR TEAMS!



DIAPHRAGM MECHANISM

CODE	B.40.0077
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	~400 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-100 bar
OVER PRESSURE VALVE SETTING	55 bar
THREAD IN	1/4" GAS F
THREAD OUT	1/2" Gas M
FLOW	high
AIRJACK	
HIGH FLOW FILTER	
BALANCED	•



AIR PRESSURE REGULATOR SERVICE FIXTURE



S.01.0161

The air pressure regulator service fixture sustains the regulator during its assembling and disassembling phases. It is compatible with the following Paoli air pressure regulator models: F1, F2, F4, F9 and F50.





AIR PRESSURE REGULATOR TESTING BENCH



B.23.0171

This kit has been designed to test the air pressure regulators. The air pressure regulator testing bench is composed by:

- 1 bench (350 x 130 x 80 mm)
- 1 hose
- 1 valve

DIN 200 Bar coupling for compressor available on demand (Code: B.21.0088)



SPEARE GUN AIR SUPPLY DEVICE



B.42.0073

This device allows the operator to get a second spare gun connected to the same air supply. It is needed in case of EMERGENCY (first gun failing) during the pit stop operations.

WARNING: you should use just on gun at a time otherwise the air flow drops down very quickly.

Couplings not included.



FIXING NUTS



B.40.0094

Fixing nuts for air pressure regulators
F1 - F2 - F4



ANALOGIC GAUGES



B.40.0071



B.40.0072



B.40.0073



B.40.0074



B.40.0075



B.40.0076

CODE	DIAMETER	CONNECTION	RANGE	GLYCERIN	DISPLAY
B.40.0071	63 mm	1/4" BSP	0-450 bar 0-6500 PSI	X	analogic
B.40.0072	63 mm	1/4" BSP	0-6500 PSI 0-450 bar	X	analogic
B.40.0073	63 mm	1/4" BSP	0-60 bar 0-870 PSI	X	analogic
B.40.0074	63 mm	1/4" BSP	0-100 bar 0-1450 PSI	X	analogic
B.40.0075	63 mm	1/4" BSP	0-400 PSI 0-28 bar	X	analogic
B.40.0076	63 mm	1/4" BSP	0-870 PSI 0-60 bar	X	analogic





ELECTRONIC PRESSURE SWITCH



Electronic pressure switch mountable on all Paoli pressure regulators.

The acoustic alarm, audible at a distance, alerts the user when the cylinder is emptying. This limits the risk of running out of air and reduces the possibility of compromising the wheel gun performance in case of semi-empty air bottles.

FEATURES

- Easily readable digital display
- Intuitive and fast setup
- Settable Pressure
- Easy and flexible mounting
- Acoustic alarm
- Power adapter included



CODE	B.40.0090
CONNECTION	1/4" BSP
RANGE	0-400 bar
VOLTAGE	9-36V DC (without the included power adapter); 110V-220V AC (using the included power adapter).
DECIBEL	100 dB
PIN CONNECTION	Pin 1: 9-36V DC Pin 2: GND

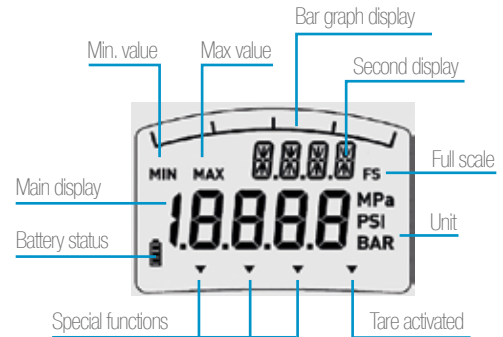
DIGITAL GAUGES



BACKLIGHTING:
the display can be easily read, even under poor lighting conditions.

ROTATABILITY OF THE DISPLAY:
The display can be rotated through 300°, thus it can be read from almost any position. Therefore the gauge can also be used in situations where mounting is difficult.

PRECISE AND QUICK READING OF THE DISPLAY



The robust stainless steel case and the battery power enable a flexible operation of the digital gauge. For a precise and quick on-site reading of a pressure value, a digital indicator is the ideal solution. The bargraph display and drag pointer function integrated into the display, as well as retrievable Min/Max peak values, enable effective analysis of the measuring point.

Thanks to the rotatable display, the digital pressure gauge can be easily adapted to difficult conditions. The backlighting also provides easy readability of the display in poor lighting conditions.

FEATURES

- Battery operation (2 x 1.5 V AA cell)
- Min/Max memory function
- Unit switching: bar, psi, MPa
- Accuracy 0.5 % ± 1 digit

CODE	DIAMETER	CONNECTION	RANGE		DISPLAY
B.40.0085	80 mm	1/4" BSP	0-100 bar	0-1500 PSI	digital
B.40.0086	80 mm	1/4" BSP	0-600 bar	0-8700 PSI	digital





HIGH PRESSURE OILER



B.45.0004



Inlet and outlet
reducer 3/4" to 1/2"
D.04.06.0037

New high pressure oiler with adjusting system and with sight glass to check the oil drops.

B.45.0003

More speed and performance, increased lifing of your Paoli gun.

The oiler constantly lubricates the air motor getting the maximum speed and increasing its reliability.

	B.45.0004	B.45.0003
MAX OPERATING PRESSURE	50 bar	25 bar
EFFECTIVE BOWL VOLUME	200 cm ³	135 cm ³
SIZE	1/2" BSP	3/4" BSP
MOUNTING POSITION	Vertical	Vertical
BOWL MATERIAL	AISI 316	Metal

ACCESSORIES

The following accessories are essential to assemble the oiler:



NIPPLE
Product Code B.42.0078



COUPLING
Product Code B.42.0012



HIGH FLOW FILTER



B.45.0005

HIGH FLOW FILTER FOR AIR PRESSURE REGULATOR KIT

Suitable for air pressure regulators for heavy duty application.

High surface area to grant bigger air flow.
Easy maintenance service.

Technical Data:

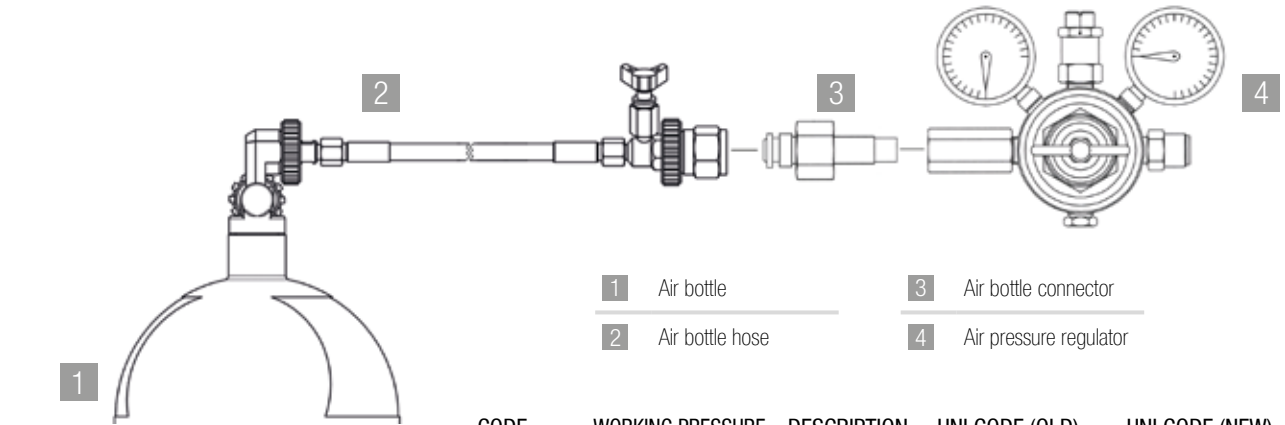
Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male





AIR BOTTLE CONNECTORS



B.01.0002



B.01.0006



B.01.0011



B.01.0007



B.01.0013



B.01.0017

CODE	WORKING PRESSURE	DESCRIPTION	UNI CODE (OLD)	UNI CODE (NEW)
B.01.0001	220 bar	COD-BSP		BS341 NR3
B.01.0002	220 bar	COD-D		DIN 477-13
B.01.0003	220 bar	COD-FR-J	ex UNI 4406 02	UNI 11144 NR2
B.01.0004	220 bar	COD-FR-N2		NF E29-650
B.01.0005	220 bar	COD-IT	ex UNI 4410 AIR	UNI 11144 NR6
B.01.0006	220 bar	COD-N2	ex UNI 4409 N2	UNI 11144 NR5
B.01.0007	220 bar	COD-US	ex UNI 4412 AR-HE	UNI 11144 NR8
B.01.0011	220 bar	COD-J	JAPAN	
B.01.0014	220 bar	COD-IN	INDIAN STANDARD	3224 2002
B.01.0013	220 bar	COD-CN	CHINA	N2 G5/8"
B.01.0016	220 bar	CGA580	use with F1, F2, F4, F9	
B.01.0017	220 bar	CGA580	use with F6, F7	
B.01.0027	300 bar	DIN 300	with pin	



BOTTLE CONNECTION SUPPORT



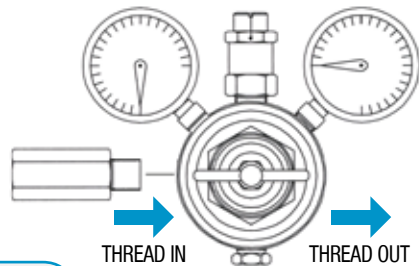
B.40.0008

This support connects the air bottle connector to the air pressure regulator. Suitable for F1 and F2 air pressure regulators.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male



ADAPTERS



B.40.0056

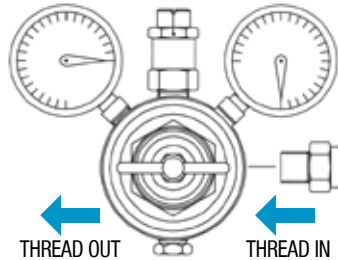
NEW ADAPTER FOR PRESSURE REGULATORS

New adapter for air pressure regulators F40 and F15.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: M15x1 male



AIR BOTTLE COVERS



AIR BOTTLE COVER FOR PAOLI AIR BOTTLES

- Black textile cover
- Available for 18 and 15 litres air bottles
- New design

PRODUCT CODE	LITRES
B.22.05.0000	18
B.22.05.0001	15

AIR BOTTLES



COMPOSITE AIR BOTTLE WITH CARBON FIBER

- Capacity: 9 liters
- Max pressure at 15° C: 300 bar
- Double connection (B.22.01.0014)

Air bottle valves M25x2:
Double connection (B.22.04.0011)

SINGLE INLET BOTTLE



B.22.01.0000
B.22.01.0002

DOUBLE INLET BOTTLE



B.22.01.0003
B.22.01.0001



C.01.0009

MOBILE AIR BOTTLE

Ideal to restore the tire pressure.
Equipped with: pressure gauge, air pressure regulator, hooking system on the belt.
Tyre inflating gun not included.



PRODUCT CODE	CAPACITY (LITRES)	PRESSURE (BAR)	CONNECTION	CONNECTION TYPE
B.22.01.0000	15	232	Single	INT - Female / DIN - Male
B.22.01.0003*	15	232	Double	INT - Female / DIN - Male
B.22.01.0002**	18	220	Single	INT - Female / DIN - Male
B.22.01.0001***	18	220	Double	INT - Female / DIN - Male
C.01.0009	1	200		

* Suggested in order to avoid to dismount the air pressure regulator while recharging the bottle

** Just on demand



AIR BOTTLE TROLLEYS



The single trolley can be converted in double trolley

C.01.0003 Single



The double trolley can be converted in single trolley

C.01.0002 Double

- Just one trolley capable to carry the 15 or the 18 litres bottles.
- The trolley has got a support specifically designed for the PAOLI PIT STOP® Regulators F1, F2, F4.
- Two brackets designed to roll and easily carry the supply hose.

AIR BOTTLE TROLLEY KIT included



Accessories included: belt, fixing nut and high pressure hose to connect the air bottle to the air pressure regulator.

PRODUCT CODE	OVERALL DIMENSIONS	WEIGHT (W/O BOTTLE AND REGULATOR)	WEIGHT (WITH BOTTLE AND REGULATOR)
C.01.0003	47,3 x 39,5 x 116 cm	10,1 kg	36,6 kg
C.01.0002	47,3 x 65 x 116 cm	18 kg	71 kg

DOUBLE TROLLEY KIT

Extra-strong micropallinated stainless steel chassis

The air pressure regulator is protected by a roll-bar

Double connection bottles for easy filling

Wheel gun holder

High pressure hose to connect the air bottle to the air pressure regulator.

Hose holder

C.01.0011

The kit includes:

- No. 1 double trolley
- No. 2 18 litres bottles with double connection
- No. 2 air bottle trolley kit
- No. 1 F4 air pressure regulator (DIN air bottle connector included)

Also available with 2 F4 air pressure regulators (code C.01.0013).

Large diameter wheels to overcome obstacles



It can be converted in single trolley





SINGLE TROLLEY KIT

Extra-strong micropallinated stainless steel chassis

Double connection bottle for easy filling

High pressure hose to connect the air bottle to the air pressure regulator.

The air pressure regulator is protected by a roll-bar

Wheel gun holder

Hose holder

Large diameter wheels to overcome obstacles



C.01.0010

The kit includes:

- No. 1 single trolley
- No. 1 18 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F4 air pressure regulator (DIN air bottle connector included)



MINI TROLLEY KIT

Extra-strong stainless steel chassis

Double connection bottle
for easy filling

High pressure hose to connect
the air bottle to the air pressure
regulator.

The air pressure regulator
is protected by a roll-bar

Hose holder

Large diameter wheels
to overcome obstacles



C.01.0028

The kit includes:

- No. 1 single trolley
- No. 1 9 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F4 air pressure regulator
(DIN air bottle connector included)



AIR JACK TROLLEY KIT

Extra-strong steel chassis

Wheel gun holder

Double connection bottle
for easy filling

A metal bar protects the new position
of the air pressure regulator.

Hose holder

Large diameter wheels
to overcome obstacles

An assembly containing fewer connections between the air bottle and the air pressure regulator, making its final price more competitive while maintaining a high level of safety and quality.

The utilization of the trolley is possible both vertically and horizontally.



C.01.0019

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator
(DIN air bottle connector included)



TRACK DAYS TROLLEY KIT

Simplified steel chassis

A metal bar protects the new position of the air pressure regulator.

Double connection bottle for easy filling

Hose holder

Large diameter wheels to overcome obstacles

The simplified steel chassis and the fewer connections between the air bottle and the air pressure regulator make the final price more competitive while maintaining a high level of safety and quality.

The utilization of the trolley is possible both vertically and horizontally.



C.01.0021

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator (DIN air bottle connector included)



NIPPLE FOR AIR BOTTLE



B.21.0089
Nipples 1/4" bsp female - 7/16" unf male

This is the nipple to adapt the air pressure regulators connectors to be connected to the air bottle through the high pressure hose coming from the high pressure compressor.



AIR BOTTLE VALVES



B.22.04.0001



B.22.04.0000

The air bottle valve is available with single or double connection. It can be fitted with the connection placed upon the air bottle collar M25x2.



AIR BOTTLE HOSE



B.21.0034

High pressure hose connection (220 bar) between air bottle and air pressure regulator. Equipped with paintball, connector and valve. Other dimensions available on demand.



HIGH PRESSURE AIR BOTTLE COMPRESSORS



Automatic pressure regulator



Pressure switch for automatic stop



Compressor hours-counter



Gauge, tap and non-return valve

Standard compressor configuration with:

- automatic condensate drain with timer
- double pressure: 225 and 330 bar
- pressure switch for automatic stop
- non-return valve

Optionals available on request for DPH220 and DPH460 models:

- hours-counter (code B.21.0202)
- trolley (code B.21.0203)
- automatic pressure regulator (code B.21.0204)



Trolley handle



Automatic condensate drain with timer



Trolley wheels



HIGH PRESSURE AIR BOTTLE COMPRESSORS



DPH380



DPH220



DPH460

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0101	DPH380*	Three-phase Electric 5,5kW - 7,5HP	300 l/min - 10,6 CFM - 18 m ³ /h	300 bar 4350 psi	6' 44" (air bottle 10 l - 0-200 bar)	78 dB	118x54x69 cm 46 1/2x21 1/4x27 5/32 inch	137 kg 302 lb
B.21.0102	DPH220*	Single-phase Electric 2,2kW - 3,0HP	100 l/min - 3,5 CFM - 6 m ³ /h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	79 dB	58x41x41 cm 22 7/8x16 9/64x16 9/64 inch	42,5 kg 93,7 lb
B.21.0103	DPH460*	Subaru Robin Petrol Engine 4,2kW - 6,0HP	100 l/min - 3,5 CFM - 6 m ³ /h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	84 dB	75,5x39x41 cm 29 3/4x15 3/8x16 9/64 inch	42,0 kg 92,6 lb

* Standard: final pressure switch with automatic stop. The new Paoli Pit Stop Compressors can deliver both 220 bar and 300 bar air pressure thanks to the 2 different high pressure hoses included.



PROFESSIONAL TYRE INFLATING GUN

DTIG/1



DIGITAL TYRE-INFLATING
GUN

Unit of measure:
PSI, BAR, Kpa, Kg / cm²

PRODUCT NAME	DTIG/1
PRODUCT CODE	G.06.01.0002
PRESSURE GAUGE	Ø 80
WORKING PRESSURE	0 ÷ 12 BAR
HOSE LENGTH	100 cm
BATTERIES	lithium 3V

COMPRESSORS SERVICE KITS



B.21.0163 - SERVICE KIT ATLANTIC

Specifically designed for DPH220 and DPH460
The kit includes: o-rings, piston rings kit, cylinder gasket, top gasket, washer, inlet filter cartridge, outlet valve, aspiration valve, valve spring, valve disc.

B.21.0164 - SERVICE KIT PACIFIC

Specifically designed for DPH380
The kit includes: o-rings, washer, inlet filter cartridge, cylinder o-ring, outlet valve o-ring, valve plate o-ring.

COMPRESSORS FITTINGS



B.21.0065



B.21.0064



B.21.0007



STANDARD - B.21.0024



B.21.0028



B.21.0044

PRODUCT CODE	DESCRIPTION
B.21.0007	DIN 230
B.21.0024	DIN 300
B.21.0044	Italian Connector
B.21.0066	INT Yoke
B.21.0067	DIN/INT Reducer
B.21.0014	BC DIN 230
B.21.0028	BC Italian Connector
B.21.0065	BC INT
B.21.0064	BC DIN 300 USA
B.21.0025	BC DIN 300

COMPRESSORS LUBRICANTS



PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0001	1 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0003	0,5 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0002	1 l	Oil for compressor engine unit
B.27.0026	1 l	Oil for compressor pumping unit DPH220, DPH460, DPH380

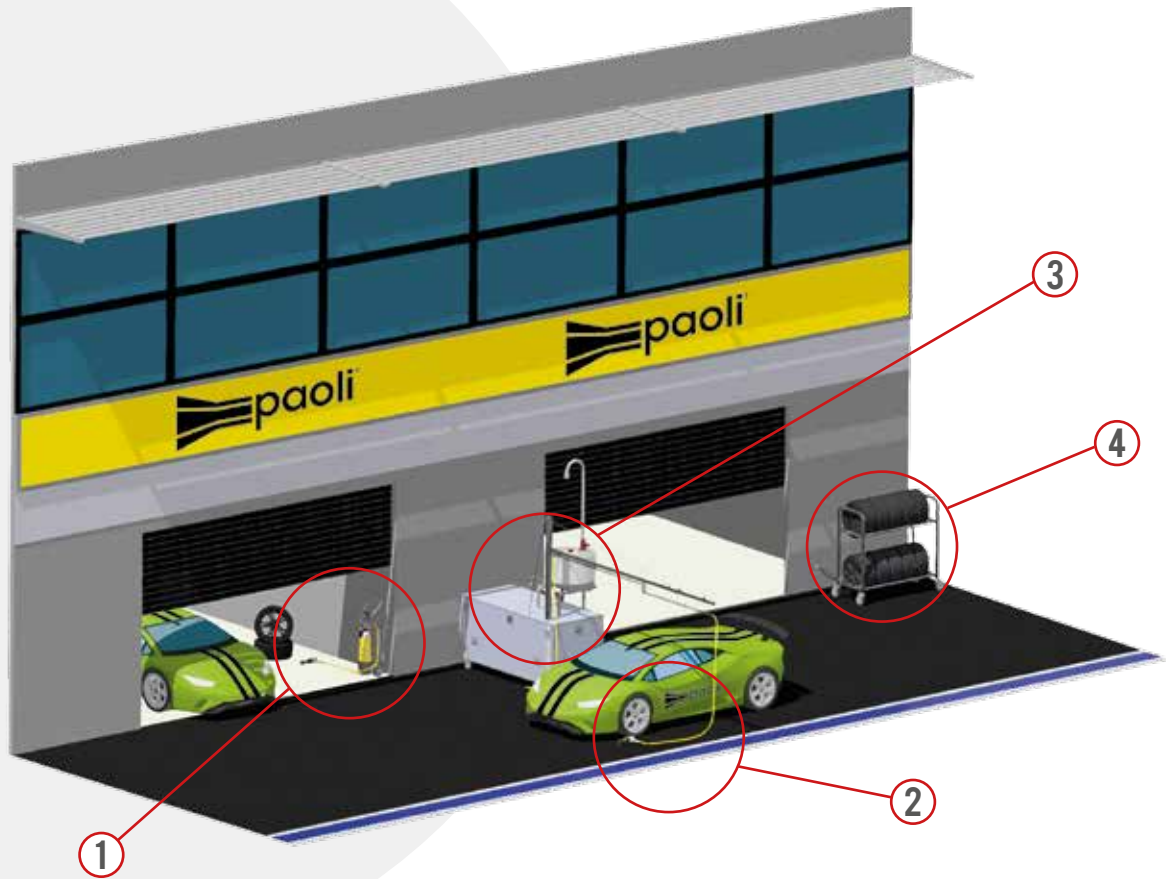


PIT EQUIPMENT

Paoli Pitlane Equipment



ON THE PITLANE WITH PAOLI

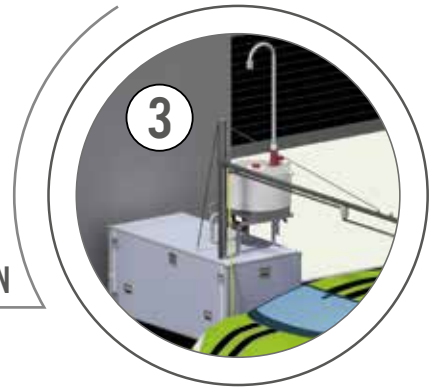


ON THE PITLANE WITH PAOLI



PAOLI SINGLE TROLLEY KIT 148

181 **REFUELING STATION**



PAOLI HURRICANE 12

PAOLI HOSES 130

185 **TYRE TROLLEY PRO SERIES**





AIRJACKS



LL-21 / LL-31
"PROFESSIONAL"



PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-21	B.37.02.0006	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-21-PP	B.37.02.0007	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-21-150	B.37.02.0008	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-21-SP	On request					
LL-31	B.37.02.0009	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-31-150	B.37.02.0010	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-31-SP	On request					244kg / 20bar

LL-22 / LL-32
"STANDARD"



PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-22	B.37.02.0014	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-22-PP	B.37.02.0015	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-22-150	B.37.02.0016	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-22-SP	On request					
LL-32	B.37.02.0017	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-32-150	B.37.02.0018	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-32-SP	On request					244kg / 20bar



AIR JACKS

LL-23
"PROFESSIONAL"



PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-23	B.37.02.0011	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
LL-23-PP	B.37.02.0012	230 mm	60 mm	68 mm	M60x1,5	
LL-23-150	B.37.02.0013	150 mm	60 mm	64 mm	M60x1,5	
LL-23-SP	On request					

LL-24
"STANDARD"



PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-24	B.37.02.0019	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
LL-24-PP	B.37.02.0020	230 mm	60 mm	68 mm	M60x1,5	
LL-24-150	B.37.02.0021	150 mm	60 mm	64 mm	M60x1,5	
LL-24-SP	On request					

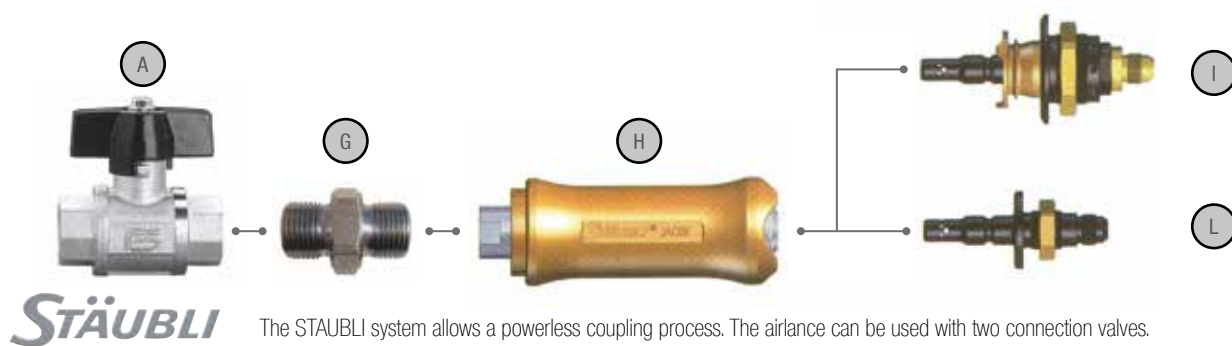


PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
JAC 06.9050	B.37.02.0001	236 mm	50 mm	53 mm	M50x1,5	488kg / 40bar 366kg / 30bar 244kg / 20bar
JAC 06.9050/QE	B.37.02.0002	236 mm	50 mm	53 mm	M50x1,5	
JAC 06.9060	B.37.02.0003	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
JAC 06.9060/PO	B.37.02.0004	230 mm	60 mm	68 mm	M60x1,5	
JAC 06.9060/QE	B.37.02.0005	230 mm	60 mm	64 mm	M60x1,5	





AIRLANCE





AIRLANCE

	PRODUCT NAME	PRODUCT CODE	THREAD	OPERATING PRESSURE	SIZE
A		B.37.03.0006	3/8" BSP female	100 bar	
B		B.37.03.0007	M16x1,5 male 3/8" BSP male		
C	LL-03	B.37.01.0001	M16 x 1,5 female	0-40 bar	L 230 x D 37 mm
D	LL-16	B.37.03.0002	D-06 9/16-18 UNF	0-40 bar	L 86 mm
E	LL-13	B.37.03.0001	D-06 9/16-18 UNF	0-40 bar	L 81 mm
F	LL-16 plus	B.37.03.0003	D-06 9/16-18 UNF	0-40 bar	L 86 mm
G		D.04.06.0025	3/8" BSP male		
H	JAC 06.1102	B.37.01.0002	3/8" BSP female	15-40 bar	L 130 x D 48 mm
I	JAC 06.5655	B.37.03.0004	D-06	15-40 bar	L 102 mm
L	JAC 06.4655	B.37.03.0005	D-06	15-40 bar	L 83 mm



DIGITAL TORQUE WRENCHES



FEATURES

- Torque accuracy: $\pm 2\%$
- Torque/Angle accuracy: $\pm 2\%$
- Large LCD graphic display with high contrast and enhanced characters for easy-to-read figures.
- Function keys: just four buttons, in an ergonomic position, for an easy access to all the functions.
- Peak hold and track mode direct readings.
- Tolerance range adjustment both on torque and angle.
- Memory up to 900 values.
- Optical signals through 3 leds, and acoustical signal with buzzer.
- Clockwise and anticlockwise (CW and CCW) readings.
- 4xAA batteries.
- User tightening sets definition.
- Angle and Torque Preset.
- Different selectable languages.
- Auto switch-off.
- N·m, Kg·m, Lbf·in, Lbf·ft.
- Menu driven
- Clock.

PRODUCT NAME	23000-DGT	2600-DGT	2400-DGT
PRODUCT CODE	B.35.0002	B.35.0003	B.35.0004
CAPACITY	100-1000 Nm	80-800 Nm	20-200 Nm
DRIVE	Ratchet 1"	Ratchet 3/4"	Ratchet 1/2"
LENGTH	1340 mm	1100 mm	512 mm
WEIGHT	6,60 kg	4,40 Kg	1,25 kg
ACCESSORIES	USB data transfer kit (Product code: B.35.0011)		

TORQUE WRENCHES WITH RATCHET



FEATURES

- Fast and easy setting.
- Long life accuracy and repeatability.
- Ergonomic handle.
- It doesn't need to turn back to the minimum scale value after being used.
- Quick and precise slide adjustment by unscrewing the knob and gliding the slider on the scale to the required value.
- With graduated scale in N-m and Lbf.ft.
- Dual signal when the set torque is reached: acoustical click and effort decrease.
- Guaranteed accuracy $\pm 3\%$ in accordance with EN ISO 6789:2003.

PRODUCT NAME	300	330	350
PRODUCT CODE	B.35.0008	B.35.0009	B.35.0010
CAPACITY	40-200 Nm 30-150 lbf.ft	160-800 Nm 120-590 lbf.ft	200-1000 Nm 150-750 lbf.ft
<input type="checkbox"/>	1/2"	3/4"	3/4"
LENGTH	450 mm	1180 mm	1340 mm
WEIGHT	1,20 kg	6,70 kg	7,40 kg

DIAL TORQUE WRENCHES



FEATURES

- Left and right hand use.
- Precise tightening achieved by the torsion bar system.
- Dual needle: pointer needle and memory needle.
- The small head allows torque application even in narrow areas.
- Reading scale in Nm/Lbf.in or Nm/Lbf.ft.
- Accuracy $\pm 4\%$.
- Traceable calibration certificate through accredited laboratories.
- Led and buzzer (only for 7000 model)

PRODUCT NAME	7000	800	700
PRODUCT CODE	B.35.0005	B.35.0006	B.35.0007
CAPACITY	300-1500	80-400	40-200
STEP	20 Nm	5 Nm	2,5 Nm
<input type="checkbox"/>	1"	1/2"	1/2"
LENGTH	1956 mm (including extension)	559 mm	559 mm
WEIGHT	9,072 kg	1,361 kg	1,361 kg



MISANO

THE FIREPROOF HELMET! CARBON FIBER MODEL



VERSION WITH SHELL IN CCF
(CARBON COMPOSITE FIBER)

- Shell in CCF (Carbon Composite Fiber)
- Fireproof painting
- Retractable visor with an anti-scratch coating
- Removable and washable inner lining. With fireproof materials (NOMEX)
- Magnetic buckle
- Fireproof kevlar chinstrap
- Helmet bag included

Certification: EN 1077 Class A

PRODUCT CODE	SIZE
B.38.04.01.0009	M (58)
B.38.04.01.0010	L (60)
B.38.04.01.0011	XL (61)
B.38.04.01.0012	XXL (63)

Customization for minimum batches and complete team supplies are available on request.



MONZA

BEST SELLER!



VERSION WITH SHELL IN HTR
(HIGH THERMOPLASTIC RESIN)

- Shell in HTR (High Thermoplastic Resin)
- Ultra-resistant painting
- New anti-fog and anti-scratch mirror visor equipped with a rubber trim
- Removable and washable inner lining.
- Micrometric buckle
- Goggle strap holder on the back, to keep the strap of the goggle in place
- DAF ventilation system (Direct Air Flux)

PRODUCT CODE	SIZE
B.38.04.01.0001	M (58)
B.38.04.01.0002	L (60)
B.38.04.01.0003	XL (61)

Customization for minimum batches and complete team supplies are available on request.



LE MANS



VERSION WITH NOISE PROTECTION
EARMUFFS!
(Code: B.38.04.01.0015)

- In-Mould rear shell technology with ABS front cover
- Integrated smoked visor
- Adjustable ventilation system
- Inner lining removable and washable
- Magnetic buckle
- 3M™ Earmuffs (Class 1)
- Adjustable size for a perfect fit
- Customizable colours
- Optional: radio headphones with microphone



ALSO AVAILABLE: VERSION
WITH RADIO HEADPHONES
(Code: B.38.04.01.0016)



GREAVES 3D TYRE SCRAPER



B.39.04.0001

PROFESSIONAL TYRE SCRAPER – TS-03





This professional tyre scraper removes pick and debris with ease leaving a smooth undamaged surface and prolonging the life of the tyres.

The tyre scraper has now been redesigned to make the process more effective and efficient.

- 2000W output – 100 to 600 degree temperature range
- 300-600l/min maximum airflow
- With a moulded handle for user comfort
- Adjustable handle and blade position to suit the user
- Integrated heat gun with variable temperature and fan speed
- Ergonomically design to increase productivity
- Suitable for all forms of racing from karting to F1



GLOVES

PRODUCT NAME	PRODUCT CODE	SIZE	COLOURS	NOTE	
FAST FIT®	B.38.01.01.0002	M	black	Easy On/Off Fit Glove - With improved contours for a better fit, the Fast Fit® Glove is the tool to use for everyday jobs. The glove incorporates a Clarino Synthetic Leather palm, stretch panels between the fingers, two-way stretch Spandex padded back increases protection. A new taller cuff has been added to provide for additional protection and a more secure fit. Performance plus economy. Machine washable.	
	B.38.01.01.0003	L			
	B.38.01.01.0004	XL			
M-PACT® 2	B.38.01.01.0026	M	black	Heavy Duty Glove - For super protection and an unbelievable fit, try the M-Pact® 2 Glove. Anatomically designed with advanced features that include tapered stretch side panels that form comfortably between fingers and a molded Neoprene cuff for a seamless fit to your wrist. It also has an integrating impact absorbing molded rubber finger protection and EVA deep ribbed accordion knuckle protection. This glove has it all. Machine washable.	
	B.38.01.01.0027	L			
	B.38.01.01.0028	XL			
ORIGINAL® GLOVE	B.38.01.01.0006	M	black	All-Purpose Glove - Designed and manufactured to take on the toughest tasks you can throw at it, the Original® Glove provides a winning combination of versatility and performance. The Clarino Synthetic Leather palm and fingertips extends the life of the glove while the Thermal Plastic Rubber hook and loop cuff closure and two-way stretch Spandex top provides a perfect fit. Machine washable.	
	B.38.01.01.0007	L			
	B.38.01.01.0008	XL			
	B.38.01.01.0011	L	red		
	B.38.01.01.0012	XL			
B.38.01.01.0014	M	blue			
B.38.01.01.0015	L				
ORIGINAL® VENT	B.38.01.01.0023	L	black	Fully Ventilated Glove - Improved design. Designed for hot or humid conditions, the Original® Vent Glove gives you a single-layer of lightweight air mesh on the top to minimize heat build-up while it's perforated Clarino Synthetic Leather palm and fully ventilated construction keeps the entire hand comfortable and cool. A new taller cuff with an improved rubber closure system gives you the confidence you need when the heat is on. Machine washable.	
	B.38.01.01.0024	XL			





FLIGHT CASES



B.48.0001



B.48.0003



B.48.0002

PRODUCT CODE	DIMENSION	WEIGHT	DESCRIPTION
B.48.0001	99 X 76 X 89 H cm	98,50 kg	for tools, accessories and pit equipment
B.48.0002	73 x 44 x 56 H cm	13,80 kg	for Paoli compressors DPH220
B.48.0003	88 X 54 X 70 H cm	32,50 kg	for Paoli compressors DPH460

Customizations available:

- Overall dimensions
- Drawers configuration
- Logo engraving
- Many finishes of color available (embossed, quartz and smooth)
- Many colors available



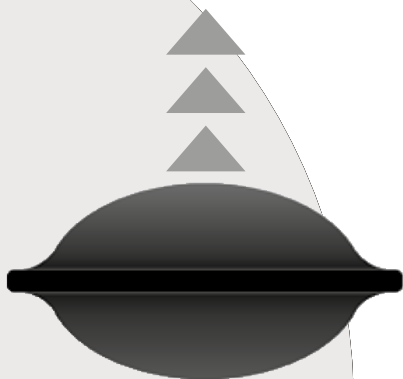
PIT EQUIPMENT

LIFTS

Car lifts for racing applications



HIGH PRESSURE LIFTING BAGS / ROUND SHAPED



ROUND LIFTING BAGS

High-pressure round lifting bags are used for lifting the heaviest loads. They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places.

- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design

PRODUCT NAME	PRODUCT CODE	DIMENSIONS cm	WEIGHT kg	WORKING PRESSURE		AIR REQUIREMENT l/min	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT	
				bar	psi		t	pounds	cm	inches
SLK1	B.37.09.01.0001	15 x 15	0.55	8	116	5	1.1	2425.1	8	3.1
SLK3	B.37.09.01.0002	22.5 x 22.5	1.25	8	116	15	2.7	5952.5	13	5.1
SLK6	B.37.09.01.0003	30 x 30	2	8	116	42	5.5	12125.4	16	6.3
SLK10	B.37.09.01.0004	38 x 38	3.5	8	116	86	10.1	22266.7	21	8.3
SLK14	B.37.09.01.0005	45 x 45	5	8	116	152	13.5	29762.4	25	9.8
SLK21	B.37.09.01.0006	55 x 55	7	8	116	296	21.1	46517.5	30	11.8
SLK25	B.37.09.01.0007	61 x 61	9	8	116	416	25.2	55556.5	34	13.4
SLK33	B.37.09.01.0008	69 x 69	11	8	116	621	33	72752.5	38	15
SLK45	B.37.09.01.0009	78 x 78	14	8	116	921	44.6	98326.2	42	16.5
SLK55	B.37.09.01.0010	87 x 87	18	8	116	1305	55	121254	47	18.5
SLK70	B.37.09.01.0011	94.5 x 94.5	22.5	8	116	1505	70.4	155205.4	52	20.5



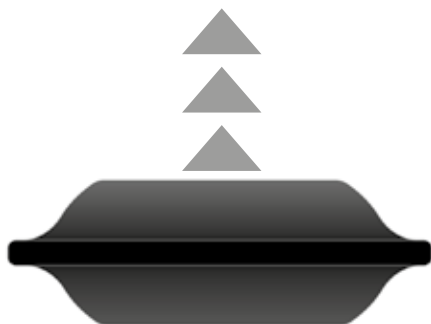
HIGH PRESSURE LIFTING BAGS / FLAT SHAPED

FLAT LIFTING BAGS

High-pressure flat lifting bags are used for lifting the heaviest loads.

They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places. Flat lifting bags have a flat working surface: they start out flat and remain flat even when fully inflated.

- Flat surface
- Greater contact surface and stability
- High lift and high capacity
- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design



PRODUCT NAME	PRODUCT CODE	DIMENSIONS	WEIGHT	WORKING PRESSURE		AIR REQUIREMENT	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT		MAX LIFTING CAPACITY & MAX LIFTING HEIGHT	
		cm	kg	bar	psi	l/min	t	pounds	cm	inches	t	pounds
SFB-K7/17	B.37.09.02.0001	55 x 55	7,3	8	116	224	21.1	46517.5	17	6.7	6.7	14771
SFB-K10/17	B.37.09.02.0002	61 x 61	9,2	8	116	350	25.2	55556.5	17	6.7	9.5	20943.9
SFB-K20/17	B.37.09.02.0003	78 x 78	14,5	8	116	520	44.6	98326.2	17	6.7	20.2	44533.4
SFB-K33/17	B.37.09.02.0004	91.5 x 91.5	20,6	8	116	810	64	141096	17	6.7	33.3	80689.2





FRONT & REAR AIR JACK TROLLEYS



B.37.05.02.0001



B.37.05.02.0002



B.37.05.02.0003
B.37.05.02.0004



B.37.05.02.0005
B.37.05.02.0006

Pneumatic air jacks to lift racing cars of all types of formula and gt cars / The attachments can be adapted to your model car and championship / Special attachments are available on request if car drawings and pictures are supplied / 4 Light version available

PRODUCT CODE	DESCRIPTION	NOTE
B.37.05.02.0001	Front Air Jack	Usable in most championships except for FORMULA 2, GP3, WSR 3.5, Superleague. In any case the championship and/or the car must be known.
B.37.05.02.0002	Rear Air Jack	
B.37.05.02.0003	Front Air Jack	Usable in FORMULA 2, GP3, WSR 3.5, Superleague. In any case the championship and/or the car must be known.
B.37.05.02.0004	Rear Air Jack	
B.37.05.02.0005	Front Air Jack	Without shovels. If the customer fabricates special shovels for their car.
B.37.05.02.0006	Rear Air Jack	



DPLIFT 40Q

Manual hydraulic trolley jack.

The pump is manually operated by handle movement. The pedal control is used for a quick approach.

- Lightweight and easy to handle.
- With pedal control for a quick approach



PRODUCT CODE	B.37.05.01.0025
CAPACITY	2.2 ton
NET WEIGHT	31 Kg - 68 lb
MAX STROKE	415 mm - 16.3 in
MIN. HEIGHT	80 mm - 3.1 in

ELEPHANT LEG



LL-20 CL

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK SIZE
	LL-20 CL	B.37.04.0007	60 mm	60 mm	LL-21, LL-22, LL-23, LL-24
TWO-STAGE ELEPHANT LEG <i>KRONTEC</i>	LL-20 CL-PP	B.37.04.0008	60 mm	60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
	LL-30 CL	B.37.04.0009	50 mm	50 mm	LL-31, LL-32
	LL-30 CL-PP	B.37.04.0010	50 mm	50 mm	LL-31-150, LL-32-150
TWO-STAGE ELEPHANT LEG <i>STÄUBLI</i>	JAC 06.9056	B.37.04.0011	434 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
	JAC 06.9065	B.37.04.0012	434 mm	60 mm	JAC 06.9060, JAC 06.9060/QE
	JAC 06.9067	B.37.04.0013	409 mm	60 mm	JAC 06.9060/PO

AIRJACK SAFETY PROP



LL-90 - LL-91

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK SIZE
	LL-90	B.37.04.0001	230 mm	60 mm	LL-21, LL-22, LL-23, LL-24
ONE STAGE <i>KRONTEC</i>	LL-90-150	B.37.04.0002	150 mm	60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
	LL-91	B.37.04.0003	230 mm	50 mm	LL-31, LL-32
	LL-91-150	B.37.04.0004	150 mm	50 mm	LL-31-150, LL-32-150
ONE STAGE <i>STÄUBLI</i>	JAC 06.9055	B.37.04.0005	228,5 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
	JAC 06.9066	B.37.04.0006	228,5 mm	60 mm	JAC 06.9060, JAC 06.9060/QE, JAC 06.9060/PO

Caseliner is a reference point for several racing teams, and it's synonymous with motorsport specialized pit equipment all over the world. The Czech brand produces refuelling equipment, tire transport trolleys and complete pit lane stands systems.

Paoli and Caseliner have been collaborating together for a very long time to offer to their client innovative, reliable and, most of all, winning solutions. In early 2016, the partnership between the two companies has stepped forward, and now Paoli has become an official Caseliner reseller, also preparing the ground for an enhanced collaboration in Italy and more countries.

PIT EQUIPMENT

CASELINER®

Caseliner Pitlane Equipment





MAGSEAM SEAMLESS WALLING

MAGSEAM seamless wallings is a special seamless surface panels system using unique technology of magnetic attachment. The main advantages of this system are: elegant design which will attract all the attention to your team, variability and time-saving assembly, overall stability of the system due to patented elements which are holding each panel, possibility of full-area printing or colour on demand. Magseam system is supplied on demand with special flight case box for each project.

Complete projects including the custom tv monitors, helmet dryers and other elements are on demand.

GANTRIES

GANTRIES are modular truss structure elements with solid conical connectors. Extremely fast connection for quick, simple and secure assembly. They are used as support for lighting, screens and cables, interior and exterior applications. Caseliner gantries are available in three versions Bi-System (duo), Tri-System (trio) and Quattro-System with certified 50mm tube. Build with us your project.

RACEFLOOR

RACEFLOOR has been developed for all your racing flooring needs. The tiles are easy and quick to install due to an ingenious click lock system, you can combine any colour of tiles with each other. Racefloor is very flexible and strength and it can be used on any flat base, both indoors and outdoors. It is very proof, durable and UV stable flooring with a very good resistance to chemical pollution.

Code B.39.09.0004: Racefloor 1 mq - 1000x1000 mm

Code B.48.0013: Flight Case

POWERHOODS

POWERHOODS are made for lighting in the race boxes, lighting over the race car, motorbike or in the workshops. These light pods are suspended above a vehicle and act as a life support machine supplying the following outputs with zero effect on valuable floor space. POWERHOOD provides high luminosity together with a practical and elegant design. It is possible to be equipped with air distribution and power plugs following customer request and specifications.

Code B.39.11.0001: Powerhood S200-32 (400V/32A)

Code B.39.11.0002: Powerhood S200-16 (230V/16A)



PIT PERCHES

CASELINER®



B.39.12.0001

PIT PERCH FORMULA

PIT PERCH FORMULA is stand on the pit lane for the engineers, timekeepers and team managers. Stainless steel construction, textile roof and side walls with zipper system. It is extremely fast to assemble in 10 minutes. One shelf inside provides support for laptops and monitors. The roof and side parts are fully detachable and can be used up to three variants of using of the side parts. Pit perch can be supplied with platform and transport flight case box, which includes required number of rotating chairs with high back. Chais and monitors are available on demand.



B.39.12.0002

PIT PERCH ENDURANCE

PIT PERCH ENDURANCE is designed for 3 engineers. Its design is very elegant, it will attract the attention of your team at the circuit. The basic structure is made of stainless steel tubes with easy connection system. The roof and side parts you can use as the single items, and use it as coming from the climate conditions. Pit perch can be completely closed and protect you from the rain. Very fast installation due to zip-fasteners which are waterproof. Chais and monitors are available on demand.



LED TIMING BOARD

LED TIMING BOARD is an electronic LED information panel that shows informations to the drivers who are passing through the pit area.

High intensity light leds, excellent visibility during high speed drive through, many effects, warning functions, text and image displaying. Simple software with the large number of language versions.

Most widely used for endurance racing as 24H Le Mans, WEC, VLN Series, 24H SPA and many other race series.



PC TELEMETRY CASE 6

The latest edition of our PC TELEMETRY CASE with 6 TV LCD monitors. Ergonomic placement of TV monitors, plenty of storage areas and space for PC, notebooks, and printers. Sliding drawers and workbenches. HDMI multi connect, USB plugs and all other cabling.

- 1800x785 + 920 mm (70,86"x30,90" + 36,22")
- 3x inner table drawers for notebooks
- 5x drawers



BEVERAGE CATERING

Beverage box with a refrigerator for cooling of the drinks. The right side is space for supplies, glasses and other material

- 1500x600x1080 mm (59,05"x23,62"x42,51")
- doublesliding doors fridge



Special transport flight case for tools and spare parts.



TOOLBOX

- 600x600x950 mm
(23,62"x23,62"x37,40")
- 5x drawers (1x modular)



TOOLBOX DOUBLE

- two cases
- work plate 2000x550 mm
(78,74"x21,65")
- as the same as the specifications
TOOLBOX CLASSIC



TOOLBOX BIGGER

- 1200x600x1080 mm
(47,24"x23,62"x42,51")
- 5x drawers (1x modular)
- 8x PVC boxes



TOOLBOX MAXI

- 1800x650x1010 mm
(70,86"x25,59"x39,76")
- 12x PVC boxes



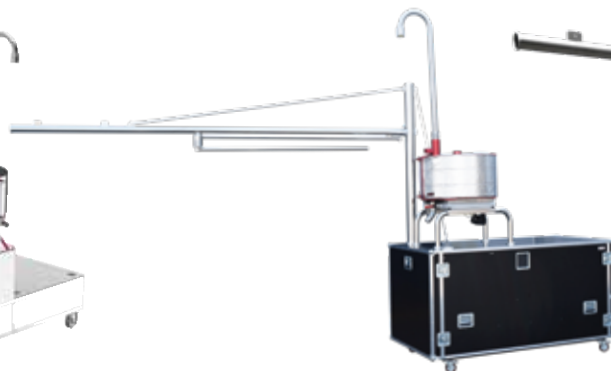


B.39.06.0030

PIT TROLLEY ENDURANCE

PIT TROLLEY ENDURANCE is all new conception with elegant solution in refuelling area, air distribution and complete distribution of tank hoses at PIT STOP area. Trolley has many of storage areas, including practical entry / rear doors to each sections. Including holder area for PAOLI regulators. On request with new double carbon rotary boom CB400. (or inox single arm IB100, or add second arm IJ100C)

- aluminium construction
- 2080x1080x1100 mm (81,88"x 42,51"x 43,30")
- holder for PAOLI F1, F2, F4 regulators



B.39.06.0016

PIT TROLLEY FIA

Basic pit trolley for RF200 system, placing of the air pressure bottles and air pressure regulators. We provide various versions of design - positioning of RF200 and rotary boom longitudinal or transverse position toward to passage in the pit lane. On request with new double carbon rotary boom CB400 (or inox single arm IB100, or add second arm IJ100C).

- flight case construction with strengthening floor steel frame
- 2250x1050x1190 mm (78,74"x39,37"x41,33")
- 4 wheels
- holder for 3 cylinders (av. 233mm type)



B.39.06.0016

BOTTLE CAGE BC100

Special holder for the rotary arms and two big cylinders. It is primarily located for GT CHALLENGE SPRINT, DTM, ADAC GT MASTER, and other similar series, where no petrol refueling stop is required at the PIT STOP.

- high-quality stainless steel, including stabilizing legs.
- side holder for PAOLI gun and AIR LANCE on demand
- rotary arm IJ100, CB200, CB400 on demand

REFUELING STATIONS **CASELINER®**

FOR TEST APPLICATIONS



REFUELING BOTTLE TROLLEYS

Refueling Bottle Trolley ST25: 25 L refueling bottle Stambuli with valve SAF45.1025.
Refueling Bottle Trolley CL25: 25 L refueling bottle with valve PP20M.
Caseliner also offers purposefully designed bottle holders which you can use also as a transport trolley.

DUMPCAN/DRAIN CAN

- DUMPCAN DC-6S (6L for Staubli SAF45.5000/DN)
- DUMPCAN DC-9S (9L for Staubli SAF45.5000/DN)
- DUMPCAN DC-6K (6L for Krontec RFC-88DN)
- DUMPCAN DC-9K (9L for Krontec RFC-88DN)
- DUMPCAN DC-9C (9L – with PP20M drain plug)
- REDUCTION D08/SPT12



RF200 REFUELING RIG

REFUELING RIG RF200 is designed for a fast refill during endurance races, with a capacity of 200 l / 52,83 gal according to the FIA AP. " J " , 252-7 or FIA-WEC, with fuel restrictors, closing valves DEADMAN with a recurrent spring and airing system.

New weighing system CWU 300 under RF200 with electronic info display with Bluetooth conn.

- RF200-FIA (GT3, and other FIA rules)
- RF200-FIA-WEC (ELMS, Asia LMS)



B.39.05.0001



B.39.05.0004



B.39.05.0006

TYRE HEATER RACK (STANDARD)

Designed for the endurance racing, tyre heater rack can pre-heat up to three sets of tyres. The frame is constructed in two sections from stainless steel. The warm is kept within the rack by a strong PVC silver/thermo AIRTEX awning, which can be unzipped in two individual sections.

Transport flight case is optional.

- full demountable
- 2000 mm width (78,74")
- 2000 mm high (78,74")
- 1000 mm depth (39,37")

Code B.39.05.0002: Diesel heating device

TYRE HEATER RACK ENDU2 / TYRE HEATER RACK ENDU4

Special warm box designed for heating of tyres during the endurance races. Tyre heater rack can pre-heat 2 or 4 sets of tyres. Easy to assemble by aluminium construction with a textile covering AIRTEX and internal thermal material that keeps heat well. Two or four chambers, independently heated with a mechanical controlled temperature level. Two zippered section for access to the tires with a small inspect window control and measure the actual temperature. Transport flight case is optional, for all parts, incl. heater Master.

ENDU 2 (Code B.39.05.0004)

- full demountable
- 1920 mm width (75,59")
- 1900 mm high (75,59")
- 980 mm depth (38,58")

ENDU 4 (Code B.39.05.0006)

- full demountable
- 3800 mm width (149,60")
- **1900 mm high (75,59")**
- **980 mm depth (38,58")**



TYRE TROLLEY PRO SERIES

High quality trolley made from stainless steel for transport and storage of tyres. Accessories on demand.

- wheels 160 mm (6,29") - 900 kg
- outer high 1500 mm (59,05")
- outer depth 650 mm (25,59")
- horizontal beams 1300 or 1500 mm

Code B.39.05.0013: PRO140

Code B.39.05.0014: PRO160



TYRE TROLLEY HEATING

Folding trolley made from stainless steel designed to heat the tyres with warm up quilts.

- 4x wheels 80mm (3,14")
- folding plate with quick release



B.39.05.0012

TYRE BOARD

Special plate TYRES BOARD for stocking and short distance transport of the wheels.

- diam. 620mm / 25,19"
- 4 wheels (2x rotary + 2x with brake)
- black color
- 15 mm plywood
- max. load weight 300 kg



B.39.05.0015

TYRE TROLLEY FORMULA

High quality trolley made from stainless steel for transport of tyres. Folding plate.

- 2x wheels 200mm / 7,87"
- folding handle
- high 1400mm / 55,11"



B.39.05.0005



BELT BARRIERS

Crowd control belt barriers with internal mechanism equipped with centrifugal belt-breaking system. Belt length is 2,3 m. Available colors: black (B.39.10.0004), grey (B.39.10.0001), blue (B.39.10.0002) and red (B.39.10.0003). Transport flight cases (B.48.0014), bags and printing are optional.

- height 1000 mm / 39,37"
- belt length 2,3 m / 90,55"
- total weight approx. 12 kg / 26,45 lb



B.39.13.0001

MECHANIC CHAIRS

Stainless steel mechanic's chair with 4 wheels and tools area.

- 4x double-wheel
- 30 mm stainless steel
- black plywood upholstered seat
- tools area



B.39.07.0001

B.39.07.0002

WHEELS BATH

It is ideal for easy cleaning tires and wheels. It is fitted with a pair or two of bearing rollers for easy rotation of the wheel during cleaning.

Available:

- B.39.07.0001: wheel bath single
- B.39.07.0002: wheel bath double

- material stainless steel
- removable legs, one adjustable leg
- two adjustable rotary rollers.



PRODUCT CARE

Service and overhaul



To ensure the reliability, accuracy, power and speed of our product, we recommend a complete overhaul. Our After Sale Service can provide information about after how many cycles (No. 1 cycle = No. 1 LOOSENING + No. 1 TIGHTENING) the service is required.

You can also require the repainting of the tool to get it back to the aesthetic (and functional) conditions similar to a new wheel gun. The service Test carries out laboratory testing on individual components subject to greater effort. It is possible also to convert the directionality (for each wheel gun model), transforming it to its different versions (UH, RH, LH).

- **S - SERVICE AND REPAIR:**
the wheel gun is fully overhauled, cleaned, all consumable components replaced and finally tested
- **R - SERVICE, REPAIR AND REPAINT:**
in addition to the service S, the wheel gun is repainted
- **T - SERVICE, REPAIR, AND TEST REPAINT:**
in addition to service R, the wheel gun is subjected to various tests that certify the conformity of the components
- **C - SERVICE, REPAIR, REPAINT AND CONVERSION:**
in addition to service R, the wheel gun is transformed to its different versions (UH, RH, LH).

The table on the following page details all transactions carried out for each type of service.








WHEEL GUNS SERVICE PROCEDURE

	(S) SERVICE REPAIR	(R) SERVICE REPAIR REPAINT	(T) TEST	(C) SERVICE REPAIR REPAINT CONVERSION
CHECK Check of the table "Request for Service & Maintenance" that is filled in to the customer.	✓	✓		✓
DISASSEMBLING The wheel gun is completely disassembled.	✓	✓		✓
EXAMINE Check of each part for conformity.	✓	✓		✓
CLEANING Each part is cleaned and the grease is taken off.	✓	✓		✓
REPLACEMENT Replacement consumables parts (service kit: vanes, screws, washers, valve seat).	✓	✓		✓
DE-PAINTING The alloy parts are de-painted. The clutch cover is re-coated.		✓		✓
RE-ASSEMBLING The wheel gun is re-assembled.	✓	✓		✓
TEST The wheel gun is tested.	✓	✓		✓
RE-PAINTING The wheel gun is prepared for the re-painting and then properly re-painted.		✓		✓
CONVERSION Some parts are replaced to convert the wheel guns into UH, RH, LH versions.				✓
CERTIFICATE This document certifies the parts that have been replaced and the tightening torque the gun reaches after the service.			✓	
MAGNETOSCOPIC INSPECTION The method is designed for the inspection of small parts through fluorescent magnetoscopic inspection.			✓	



WHEEL GUNS SERVICE CODES

	(S)	(R)	(T)	(C)
HURRICANE	R.01.01.01.0055	R.01.01.01.0056	R.05.01.01.0001	
DP 6000	R.01.01.01.0049	R.01.01.01.0050	R.05.01.01.0001	
DP 6000 BIAS	R.01.01.01.0059	R.01.01.01.0060	R.05.01.01.0001	
DP 5000 TI MARK II	R.01.01.01.0040	R.01.01.01.0041	R.05.01.01.0001	
DP 5000 BIAS	R.01.01.01.0053	R.01.01.01.0054	R.05.01.01.0001	
DP 4000 30BAR	R.01.01.01.0044	R.01.01.01.0045	R.05.01.01.0001	
DP 4000 MG	R.01.01.01.0032	R.01.01.01.0033	R.05.01.01.0001	
SUPERSPORT	R.01.01.01.0030	R.01.01.01.0031	R.05.01.01.0001	
DP 4000 BIAS	R.01.01.01.0042	R.01.01.01.0043	R.05.01.01.0001	
DP 4000	R.01.01.01.0023	R.01.01.01.0024	R.05.01.01.0001	LH  RH R.02.01.01.0038 RH  LH R.02.01.01.0039 UH  RH R.02.01.01.0040 UH  LH R.02.01.01.0041 LH / RH  UH R.02.01.01.0042
DP 3000	R.01.01.01.0019	R.01.01.01.0020	R.05.01.01.0001	







WHEEL GUNS SERVICE CODES

	(S)	(R)	(T)	(C)
DP 2000 SE	R.01.01.01.0001	R.01.01.01.0002	R.05.01.01.0001	LH RH R.02.01.01.0009
DP 2000 S				RH LH R.02.01.01.0010
DP 2000				UH RH R.02.01.01.0012
				UH LH R.02.01.01.0011
DP 197 SFE	R.01.01.01.0009	R.01.01.01.0010	R.05.01.01.0001	LH RH R.02.01.01.0016
DP 197 SF				RH LH R.02.01.01.0017
DP 197 S				LH / RH UH R.02.01.01.0033
DP 196 S				
DP 176 SFE	R.01.01.01.0046	R.01.01.01.0047	R.05.01.01.0001	
DP 177 SF				
DP 176 SF	R.01.01.01.0007	R.01.01.01.0008	R.05.01.01.0001	LH RH R.02.01.01.0025
				RH LH R.02.01.01.0026
BLUEDEVIL	R.01.01.01.0026	R.01.01.01.0027	R.05.01.01.0001	
DP 36 SF	R.01.01.01.0021	R.01.01.01.0022	R.05.01.01.0001	
DP 36 SF EVO	R.01.01.01.0034	R.01.01.01.0035	R.05.01.01.0001	
4 BIKE	R.01.01.01.0057	R.01.01.01.0058	R.05.01.01.0001	
MAGNETOSCOPIC INSPECTION			R.05.01.01.0002	

NOTE: just if no major parts need to be replaced, otherwise a new estimate of cost will be sent



AIR PRESSURE REGULATORS SERVICE & REPAIR

PRODUCT NAME	GAUGES	CODE
F1	 STANDARD	R.01.03.0001
	GLYCERIN	R.01.03.0008
F2	 STANDARD	R.01.03.0002
	GLYCERIN	R.01.03.0010
F9	 STANDARD	R.01.03.0002
	UPGRADE 220 bar  350 bar	R.02.03.0001

PRODUCT NAME	GAUGES	CODE
F15	 STANDARD	R.01.03.0010
	GLYCERIN	R.01.03.0010
F4	 STANDARD (gold version)	R.01.03.0003
	STANDARD (silver version)	R.01.03.0027
F40	 STANDARD (gold version)	R.01.03.0009
	GLYCERIN (silver version)	R.01.03.0028
F40	 STANDARD	R.01.03.0022
	GLYCERIN	R.01.03.0029
F50	 STANDARD	R.01.03.0029
	GLYCERIN	R.01.03.0029



ACCESSORIES SERVICE & REPAIR

PRODUCT NAME

GAUGES

CODE

AIR BOTTLES



SERVICE

R.01.03.0011

PETROL ENGINE COMPRESSOR



SERVICE

R.01.03.0031

ELECTRIC COMPRESSORS



SERVICE

DPH 220
R.01.03.0030

DPH 380
R.01.03.0032

PRODUCT NAME

GAUGES

CODE

WHEEL NUT SOCKETS



SERVICE

R.01.03.0033

HOSES



SERVICE

R.01.03.0006

COUPLINGS



SERVICE

R.01.03.0017

TST EUROPE DN1

COUPLINGS



SERVICE

R.01.03.0016

TST EUROPE DN8

ACCESSORIES SERVICE & REPAIR

C

PRODUCT CARE



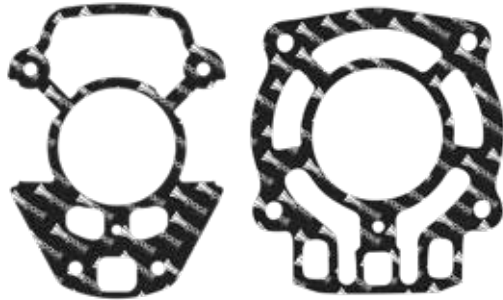
SERVICE KIT



CODE	PRODUCT NAME	AVAILABLE FOR
B.23.0170	KITHURRICANE	HURRICANE
B.23.0138	KIT6000	DP 6000 90° ANGLED HANDLE
B.23.0163	KIT6000	DP 6000 CLASSIC HANDLE
B.23.0208	KIT6000BIAS	DP 6000 BIAS
B.23.0164	KIT5000BIAS	DP 5000 BIAS
B.23.0108	KIT5000TI	DP 5000 TI
B.23.0123	KIT400030BAR	DP 4000 30BAR
B.23.0079	KIT4000MG	DP 4000 MG
B.23.0048	KIT4000	DP 4000
B.23.0107	KIT4000BIAS	DP 4000 BIAS
B.23.0001	KIT2000S	DP 2000 S, SE
B.23.0089	KITSUPERSPORT	SUPERSPORT
B.23.0002	KIT197SF	DP 197 SF, SFE
B.23.0119	KIT176SFE	DP 176 SFE, DP 177 SFE
B.23.0054	KITBLUEDEVIL	BLUE DEVIL
B.23.0080	KIT36SFEVO	DP 36 SF EVO, 4 BIKE
B.23.0104	KIT36SFEVOUS	DP 36 SF EVO US
B.40.0052	KITF4	F4 (gold version)
B.40.0065	KITF4	F4 (silver version)
B.40.0053	KITF9	F9
B.40.0054	KITF1F2	F1, F2
B.40.0055	KITF1F2B	F1, F2 (yellow brass version)
B.40.0050	KITF15	F15
B.40.0051	KITF40	F40

Dino Paoli S.r.l. does not assume responsibility for the use of the kits by unauthorized or not properly trained workers.

THREE-LAYER REAR GASKETS



OPTIONAL RUBBER COATED ALUMINUM GASKET



Three-layer gasket designed to guarantee a longer life and a better seal compared to traditional gaskets.

- reusable
- more use cycles
- excellent mechanical performance
- give the consideration of both aluminum rigidity and rubber elasticity for its special construction.

CODE	AVAILABLE FOR
D.01.17.0111	HURRICANE
D.01.17.0112	DP 6000, DP 6000 BIAS, DP 5000 BIAS, DP 5000 TI MARK II, DP 4000 30BAR

SERVICE TOOLS



CODE	AVAILABLE FOR
B.23.0159	DP 6000, DP 5000 TI MARK II, DP 4000 MG, DP 2000 SE

For the single codes of the tools please refer to the repair manual of the specific model.

MONOLITHIC PIN



- High resistance
- high performance in terms of rotation speed and precision point on work on the cam
- easily controllable status of life simply by measuring the diameter from the starting point and day by day comparing the gun performance respect the diameter decrease.
- built in titanium

CODE	AVAILABLE FOR
D.01.10.0010	HURRICANE, DP 6000, DP 6000 BIAS, DP 4000 MG, DP 5000 TI MARK II, DP 4000 30BAR, DP 2000 SE, DP 3000 SUPERSPORT

 **KESSEL** OFFICIAL PARTNER
RACING WITH FERRARI

 **paoli**
PIT STOP



83

83



WHEEL GUN LUBRICANTS



B.27.0007



B.27.0004



B.27.0005



B.27.0016

PRODUCT CODE

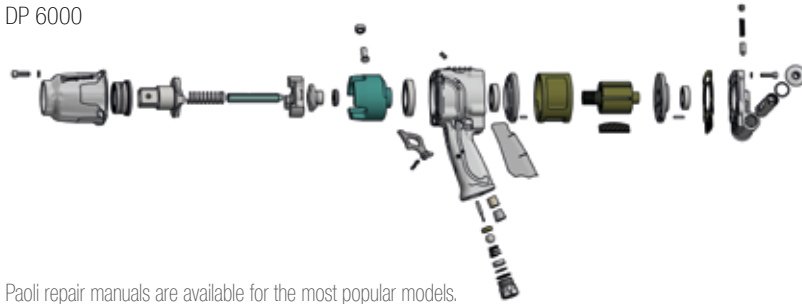
QUANTITY DESCRIPTION

B.27.0007	1 kg	Special Grease for PAOLI wheel gun hammer mechanism.
B.27.0004	1 l	Special Oil for PAOLI wheel gun motors.
B.27.0005	5 l	Special Oil for PAOLI wheel gun motors.
B.27.0016	500 ml	Special <i>fin Lube</i> spray Lubricant for PAOLI wheel gun motors (it contains microspheres of teflon which enhance the inner surface protection and lubrication).



WHEEL GUNS SPARE PARTS

DP 6000



Paoli repair manuals are available for the most popular models.

SPARE PARTS

As manufactures of our wheel guns we get available to our customers all the spare parts for maintenance and repair. Contact us for inquiries and quotes.

ACCESSORIES SERVICE & REPAIR

Across the range of accessories that we sell we provide sales of spare parts. Please contact us for all your needs.

We repair and overhaul all our products. Please contact our After Sales Service for information.







































www.paoli.net




































WHEEL GUN CONFIGURATION



CUSTOMIZE YOUR
PAOLI WHEEL GUN

WHEEL GUN		HANDING			SPLINE MODEL	SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH		3PORT	2PORT	CARBON	ALUMINIUM
HURRICANE CLASSIC HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HURRICANE 90° ANGLED HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 CLASSIC HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 90° ANGLED HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEASE, PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT SALES@PAOLI.NET.

WHEEL GUN		HANDING			SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH	3PORT	2PORT	CARBON	ALUMINIUM
DP 6000 BIAS		RH & LH VERSIONS IN A SINGLE GUN			 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
DP 4000 MG		 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
DP 4000 30BAR		 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
DP 3000 SUPERSPORT		 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	NOT AVAILABLE	 <input type="checkbox"/>	 <input type="checkbox"/>
DP 2000 SE		 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	NOT AVAILABLE	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>

PLEASE, PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT SALES@PAOLI.NET.



PAOLI SERVICE



PRODUCT CARE

Since 1968 we have been manufacturing wheel guns, and we would now like to get our professionalism and experience available to our customers to an even greater extent.

We have heavily invested in research and development in order to get procedures and instruments suitable for the study and creation of products most suited to the growing needs of the automotive industry.

Dino Paoli is in fact now able to offer to customers an Engineering service which consists in the development of variations of wheel guns components customized according to different needs.

The engineering offer covers several areas: performances, durability, ergonomics, lightness.

To obtain these results we use and work on materials from the aviation and military industry, such as special steels, carbon fibre, aluminium and magnesium alloy, titanium.

The design of the new components is tested using finite element analysis (FEM) and once designed (CAD) these are produced using CAM, which allows us to easily obtain even geometrically complex parts.

Lately we have introduced the CFD air flow analysis to further optimize our wheel guns performances.

We also have a range of suppliers very skilled in heat treatments, who are capable to accurately identify the expected mechanical features.



FAQ

Your questions. Our answers



- **Why do we have LH, RH, UH wheel guns?**
RH and LH give more power on the loosening mode (where it is mostly required), UH delivers the same power on both directions.
- **What is the difference between a 70/30 wheel gun and a 60/40 wheel gun?**
70/30 means that 70% of the power is on the loosening mode; 60/40 means that 60% of the power is on loosening mode.
- **Which feature have I to keep in mind to chose a hose in order to get the best performance?**
The most important feature is the inner diameter of the hose in order to guarantee the correct air flow to the gun.
- **What is the difference between a 2-port and a 3-port back cover?**
The ports are the holes in the shuttle (they can be 2 or 3). This definition refers to the shuttle motion. The 2-port is normally for right handed operators, the 3-port is normally for the left-handed operators.
- **What BIAS means and what is its purpose?**
BIAS means that the gun is both RH and LH and you can convert it from one version to the other just moving a lever on top of the gun.
- **What is the difference between static and dynamic pressure?**
The static pressure is the pressure you read on the OUT gauge of the regulator when the gun is not working; on the other hand, the dynamic pressure is the pressure you read on the OUT gauge of the regulator when the gun is working (the dynamic pressure is always lower than the static pressure).
- **Why would I need a Fast Shuttle on my wheel gun?**
To be faster at changing the gun direction (from loosening mode to tightening mode just pushing a lever with the thumb or just slightly moving the wrist on the Fast Shuttle 2.0 release.
- **What is the fluorescent magnetoscopic inspection?**
The method, designed for the inspection of small parts, consists of a component immersion in a detecting fluid. Through the magnetization the fluorescent particles are attracted and finally a UV lamp reveals defects and non-compliances.





AUTOMOTIVE PRODUCTS

Not for racing applications (lower pressure - 6,3 bar)

AUTOMOTIVE IMPACT WRENCHES

(LOWER PRESSURE - 6,3 BAR)

AUTOMOTIVE IMPACT WRENCHES

Discover a small selection of our automotive impact wrenches for garage applications.

Paoli automotive products are designed for optimal garage use.

Our automotive impact wrenches are designed to be lightweight and easy to handle with an optimum weight/power ratio.

Technical features, working pressure and constructive materials are not suitable for racing applications.

You can find all the Paoli automotive products on our website www.paoli.net.

ATTENTION: NOT FOR RACING APPLICATIONS

The company does not suggest the use of these products at a working pressure of over 6.3 bar.

BUTTERFLY



Also available:
BUTTERFLY XC
WITH SCREWDRIER CONNECTION
Square drive: 1/4" FEM. HEX.

PRODUCT NAME	BUTTERFLY
PRODUCT CODE	BUTTERFLY.001
SQUARE DRIVE	3/8"
BOLT RANGE	M10
MAX TORQUE	110 Nm (80 ft-lb)
WORKING TORQUE	10-100 Nm 10-75 ft-lb
WEIGHT	0,53 kg - 1.17 lbs
FREE SPEED	12000 rpm
IMPACTS NUMBER	1000/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	130 mm (5.11")
SIDE TO CENTER	20 mm (0,78")

DP 1050



PRODUCT NAME	DP 1050
PRODUCT CODE	001050.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	700 Nm (518 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1150/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	92 mm (3.62")
SIDE TO CENTER	29 mm (1.14")



DP 1800 PLUS



PRODUCT NAME	DP 1800 PLUS
PRODUCT CODE	1800PL.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M24
MAX TORQUE	1650 Nm (1200 ft-lb)
WORKING TORQUE	150-900 Nm (110-670 ft-lb)
WEIGHT	1,65 kg (14.33 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1850/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm (0.315")
LENGTH (WITHOUT ANVIL)	160 mm (6.3")
SIDE TO CENTER	35 mm (1.38")



DP 217 (LONG ANVIL)



ANVIL LENGTH
156,5 mm (6.16")

PRODUCT NAME	DP 217 AL
PRODUCT CODE	000217.00002
SQUARE DRIVE	3/4"
BOLT RANGE	M14-M24
MAX TORQUE	1700 Nm (1260 ft-lb)
WORKING TORQUE	350-1100 Nm (240-820 ft-lb)
WEIGHT	6,6 kg (14.7 lbs)
FREE SPEED	5400 rpm
IMPACTS NUMBER	1000/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	47,5 mm (1.87")
LENGTH (WITHOUT ANVIL)	182 mm (7.17")
SIDE TO CENTER	48 mm (1.89")



DP 247 (LONG ANVIL)



ANVIL LENGTH
132 mm (5.2")

9,2 KG (20.3 LBS)	DP 247 AL
PRODUCT CODE	000247.00003
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	3000 Nm (2210 ft-lb)
WORKING TORQUE	600-1900 Nm (440-1400 ft-lb)
WEIGHT	9,2 kg (20.3 lbs)
FREE SPEED	4200 rpm
IMPACTS NUMBER	750/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm (0.512")
LENGTH (WITHOUT ANVIL)	282 mm (11.1")
SIDE TO CENTER	50 mm (1.97")





PAOLI CHAMPIONSHIPS



Asian Formula Renault

Asian Le Mans Series

Audi Sport R8 LMS Cup

Blancpain

Cape Town Power Series

China GT Championship

China Touring Cup

Copa Petrobras de Marcas

DTM

ELMS

Endurance

Ferrari Challenge

F Nippon

F3 Asian Championship

Formula 1

Formula 2

Formula Masters China Series

GP2

GP3

GT

IMSA

IndyCar

Lamborghini Super Trofeo

Las 6 horas Peruanas

Le Mans Cup

Malaysia Championship

Series

Mercedes Benz Challenge

Brasil

N1 SuperTaikyu

Nascar

PCCA

Porsche Cup

Porsche GT 3 Cup Brasil

Radical Cup China

Scirocco R-Cup

Stock Car

Stock Car Light

Super Formula

Super GT

Super TC2000

TC2000

TCR China

TCR International Series

Thailand Super Series

V8 SUPERCAR



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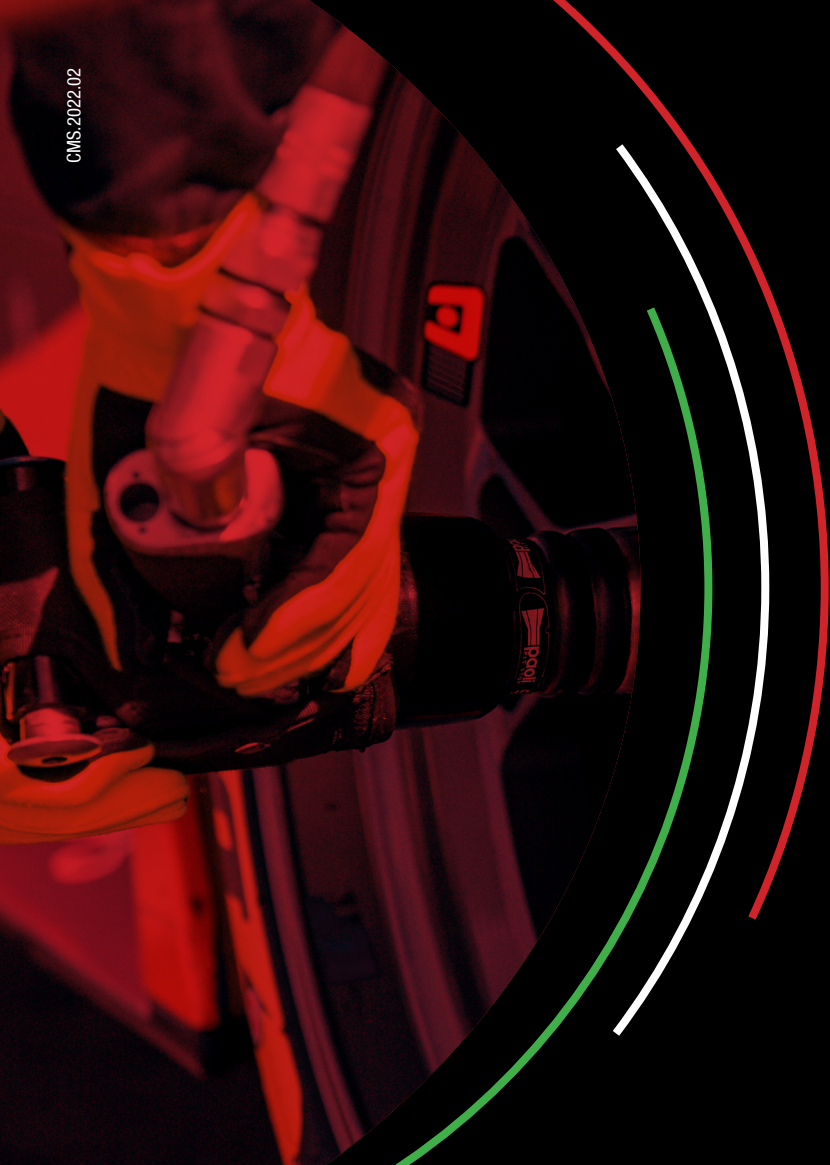
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Models, specifications, colors and codes are subject to change without prior notice due to continuous improvements.

Thank you for your interest in our products.





 **paoli**[®]

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