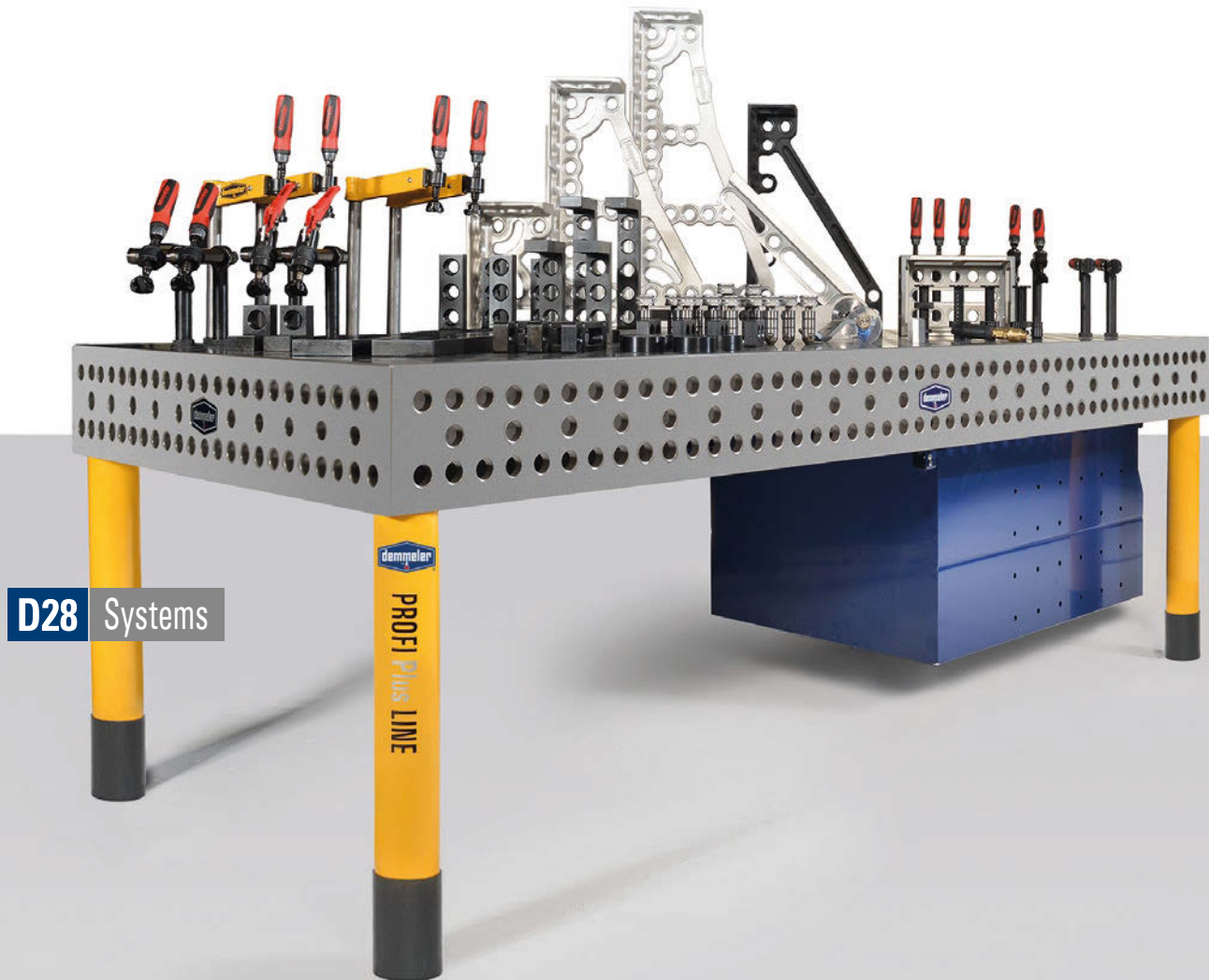




## 3D clamping system

3D clamping system overview .....	72
D28 3D clamping system overview.....	74
Benefits of the Demmeler system tables .....	76
DEMONT 860 M / 760 M.....	78
Leg type variant overview.....	82
D28 table sizes .....	84
Overview of D28 system table line .....	86
PROFIPremiumLINE 28 (PP) 3D table.....	90
PROFIPlusLINE 28 (PL) 3D table.....	92
PROFIEcoLINE 28 (PE) 3D table.....	94
HobbyLINE 28 (H) worktop .....	96
3D measuring, assembly and adjustment table .....	98
Ordering summary for D28 table legs .....	100
Scissor lift.....	102
Holding frame.....	104
Pivoting foot M 27 .....	105

### The optimum 3D worktable for every application – the intelligent system grids boost productivity



**D28** Systems

#### D28 / For everyday, large welded constructions



##### **D28** PROFIPremiumLINE (PP)

- Grid 50 x 50 mm
- 3-hole drilling pattern in the table side plates, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle



##### **D28** PROFIPlusLINE (PL)

- Diagonal grid 100 x 100 mm
- 3-hole drilling pattern in the table side plates, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle



##### **D28** ProfiEco Line (PE)

- Grid 100 x 100 mm
- 3-hole drilling pattern in the table side plates, 50 mm grid in the top row with additional 100 mm grid in the middle and bottom rows



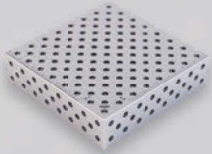
##### **D28** HobbyLINE (H)

- Grid 100 x 100 mm
- Worktop approx. 25 mm high with system bores in a 100 mm x 100 mm grid



**D16** Systems

**D16 / For delicate applications**



**D16** PROFIPlusLINE (PL)

- Diagonal grid 50 x 50 mm
- 3-row bore pattern on the table side plates, 50 mm grid in the top, middle and bottom row



**D16** ProfiEco Line (PE)

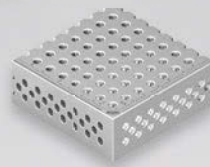
- Grid 50 x 50 mm
- 3-row bore pattern on the table side plates, 50 mm grid in the top, middle and bottom row



**D22** Systems

**D22 / For light and medium-duty applications**

Particularly suited for use in the automation field (thanks to very lightweight, robust versions in high-strength aluminium-titanium alloy)



**D22** PROFIPremiumLINE (PP)

- Grid 50 x 50 mm
- 3-row bore pattern on the table side plates, 50 x 50 mm diagonal grid



**D22** PROFIPlusLINE (PL)

- Diagonal grid 100 x 100 mm
- 2-row bore pattern on the table side plates, 50 mm grid

# 3D clamping system

Benefits of the D28 3D system tables

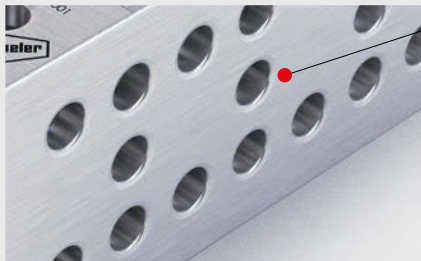


## The benefits of a 3D clamping system from DEMMELER!

With our 3D clamping system, you have the right solution for clamping and positioning work pieces near at hand. Optimum positioning of the work piece not only makes work more accurate but also much more effective. In particular, the intelligent system grids give you unlimited clamping capabilities.



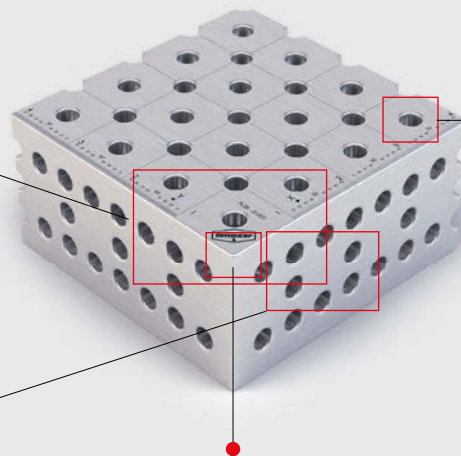
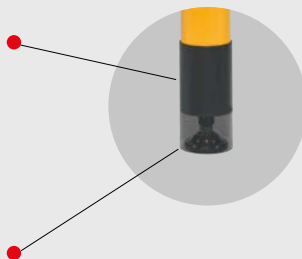
Axis designation in X and Y-direction.  
Standard version includes precision scaling.



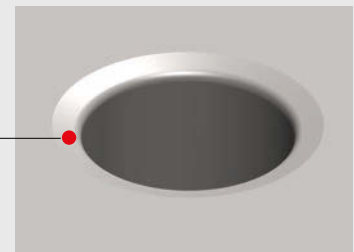
Additional bores in the side stanchion for even more clamping options.

Foot sleeve prevents pinching the welding hose and protects the threaded spindle against dirt.

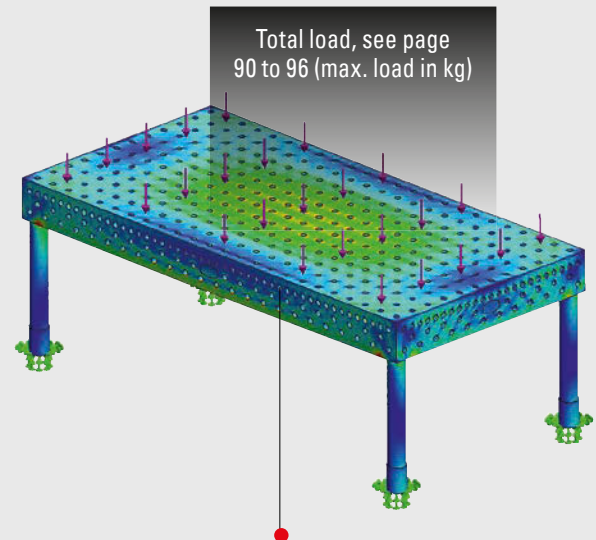
Pivoting foot with stable M30x2 threaded spindle, finely adjustable 30 mm travel path.



Radius for improved ergonomics and better design



Protective countersink: Optimum bolt and clamp insertion with simultaneous protection of the tabletop against damage from materials, even in case of extreme strain on the system bore or when used with aluminium.



All our tables are generously sized, super sturdy and optimised with FEM calculations on principle.



# 3D clamping system

The hardness of DEMMELER

Hardness comparison



## SOLID

High-strength base material

## DEMONT 760 M

Hardened high-strength tool steel up to 760 Vickers

## DEMONT 860 M

Hardened high-alloy tool steel up to 860 Vickers





## THE hardness of DEMMELER – for the toughest requirements

- + Less wear
- + Protection against adherence of weld spatter
- + Extremely tough and durable
- + Optimum surface qualities

### THE HARDNESS



**DEMONT 860 M**

**DEMONT 760 M**

### DEMONT 860 M

Using a high-alloy base material for the worktop in combination with the special, optimised DEMMELERhardening process results in the best possible material characteristics. A hardness of up to 860 Vickers can be achieved. The combination of a high-alloy base material and special hardening process makes it possible to achieve the best possible worktable properties for extreme demands.

### DEMONT 760 M

Stands for the combination of the specified base material and the new DEMMELER hardening process optimised especially for worktables. This results in outstanding material characteristics. A hardness of up to 760 Vickers can be achieved, reducing wear for an even longer service life of your worktable.

		DEMONT 860 M	DEMONT 760 M	SOLID
<b>Load</b>	high bearing loads	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊
<b>Evenness</b>	for outstanding tool quality	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊
<b>Conductivity</b>	for excellent welding results when using the ground connector	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊
<b>Base hardness</b>	for high impact resistance	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊
<b>Surface hardness</b>	resistant to weld spatter	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊	◊◊◊◊◊◊◊◊

◊◊◊◊◊◊◊◊ = outstanding  
◊ = adequate

## 3D clamping system

# Planned down to the tiniest details – The 3D clamping system from DEMMELER

### Welding results

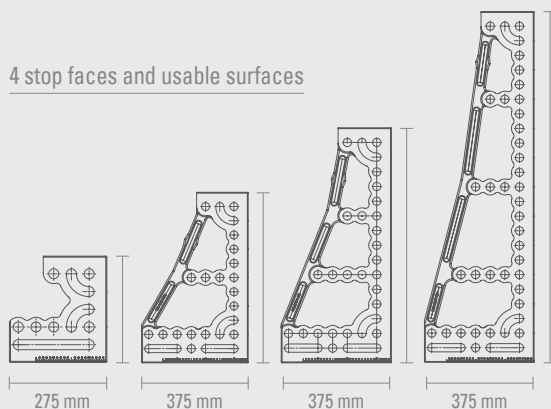
When using the 3D clamping system, the optimum flow of electricity between the electrode / filler wire and ground connector is vitally important. That is why DEMMELER optimises the material properties of its worktables and accessories and guarantees outstanding precision for optimum form fits. Although hardened worktables are even more robust and better protected against weld spatter, the conductivity also falls slightly. Here again, DEMMELER has developed an optimum solution in the form of the DEMONT 760 M and DEMONT 860 M variants. In this way, DEMMELER provides optimum conditions for ideal welding results!

- **DEMONT 760 M and DEMONT 860 M ①**  
Very good conductivity for optimum welding results, extremely tough design and outstanding protection against weld spatter
- **SOLID standard hardness ②**  
Excellent conductivity for optimum welding results, extremely tough design and high protection against weld spatter

### PROFIPremiumLINE clamping and locating angle

The aluminium-titanium design is lightweight enough to permit optimised, extremely simple handling. Only by using the patented PPC clamping pin is it possible to clamp the angles without causing wear. This permits an unlimited service life. The kidney-shaped 90° system groove makes continuous angle adjustment possible. The extended face plate and increased number of cross braces provide additional bores for clamping. The precision scaling makes adjustment much easier.

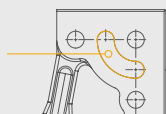
#### 4 stop faces and usable surfaces



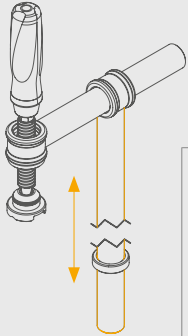
Corner heights,  
aluminium-  
titanium  
300, 600, 800  
and 1200 mm

Corner heights,  
cast iron,  
hardened  
300, 600  
and 800 mm

Reinforcement in the corners with 90° system groove in kidney shape supports continuously variable use, also with angular adjustment





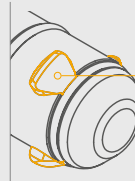


## Screw clamp

The DEMMELER screw clamps are constructed using round tubes. This makes them extremely tough and the greatest possible clamping forces are achieved. DEMMELER screw clamps can be extended on a modular basis – for example, use as a 270° screw clamp is possible. Using the performance screw clamp, it is also possible to clamp very high components with the same precision.

## PPC bolts – The perfect connection

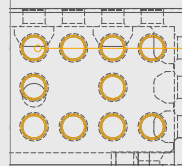
- Self-centring, force-locked and low-wear clamping
- Very quick to clamp and unclamp
- Force-locking through full-area contact
- Easy on materials
- Low susceptibility to dirt
- Extremely tough – long service life guaranteed



Even force distribution across the polygon bolts also reduces bore hole wear compared to conventional bolts. The cone clamping system permits a bearing surface that is 100 times larger.

## Intelligent system grid

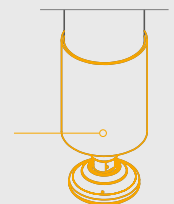
Thanks to the three-row hole pattern on the side stanchions, DEMMELER worktables can be extended on a modular basis – and offer outstanding stability, toughness and very high bearing capacity.



Additional bores in the side stanchion for even more clamping options

## Pivoting leg

The extremely solid design ensures very high load-bearing capacity – 3,000 kg per leg. The foot sleeve prevents pinching and reduces wear at the cable-hose assembly. This also provides a convenient way of using the ground connector. It also protects the threaded spindle against dirt and wear. Fine adjustments are possible and fixing is stable and simple.



Foot sleeves prevent pinching the welding hose and protect the threaded spindle against dirt.



# 3D clamping system

## Leg type variant overview



### Standard leg

- Pivoting feet,  $\pm 30$  mm fine adjustable
- Sturdy M30 threaded spindle
- Foot sleeve protects the threaded spindle against dirt and prevents pinching the cable-hose assembly
- Also suitable as supporting leg in combination with overhung spacer block U-form, length 1 m and up
- Including countersunk M24 x 60 mounting screw
- Leg tube powder coated
- To order standard legs, see page 100



### Telescoping leg

- Pivoting feet,  $\pm 30$  mm fine adjustable
- Sturdy M30 threaded spindle
- Foot sleeve protects the threaded spindle against dirt and prevents pinching the cable-hose assembly
- Telescope adjustment range 350 mm in 50-mm increments
- For flexible height adjustment of the worktable
- Including countersunk M24 x 60 mounting screw
- Leg tube powder coated
- To order telescoping legs, see page 100



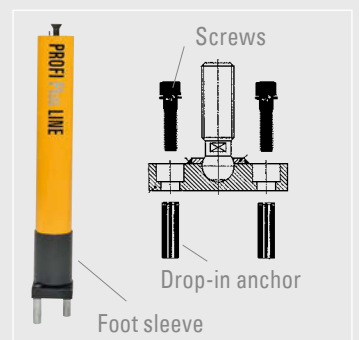
### Heavy-duty wheel

- Fine adjustable  $\pm 30$  mm
- Sturdy M30 threaded spindle
- Foot sleeve protects the threaded spindle against dirt and prevents pinching the cable-hose assembly
- Robust version
- With 360° caster
- Max. load capacity 600 kg
- Including countersunk M24 x 60 mounting screw
- Leg tube powder coated
- To order heavy duty wheels, see page 100



### Anchoring leg

- Fine adjustable  $\pm 30$  mm
- Sturdy M30 threaded spindle
- Foot sleeve protects the threaded spindle against dirt and prevents pinching the cable-hose assembly
- For firm attachment to the hall floor against tension, pressure and shifting (e.g. robot use)
- Includes M24 x 60 countersunk mounting screw and, for firm anchoring to the floor, 2 x drop-in anchor, 2 x cap screw M16 x 40
- Leg tube powder coated
- To order anchoring legs, see page 100





The right leg for any application



## Scissor lift

- Continuously variable height adjustment
- With safety shutdown board
- Fully adapted to 3D worktable D28
- Including hand control
- Power unit internal / external (depending on size)
- Available for D28
- To order scissor lift, see page 102

## Holding frame

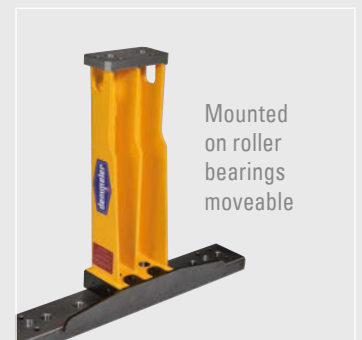
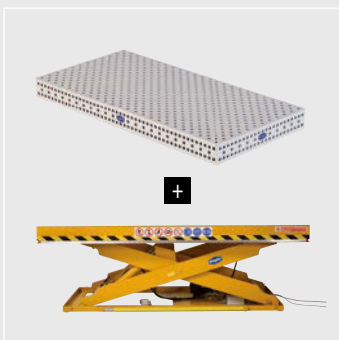
- Exact positioning of 3D worktables is possible using pivoting leg or in lengthwise and crosswise direction on the support and foundation track
- You will find further information on the product in the section on the track system, page 158
- Available for D28
- To order holding frames, see page 104

## Table leg for spacer block

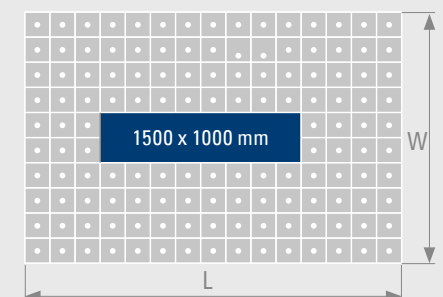
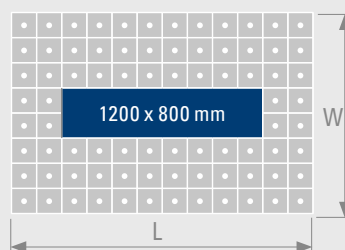
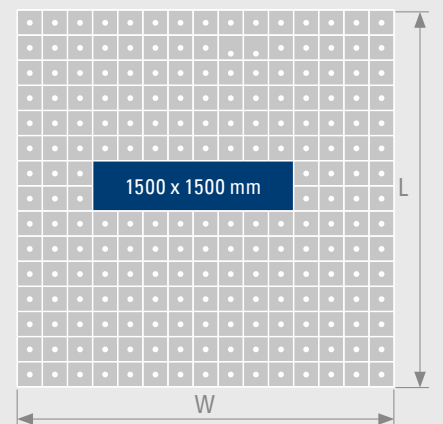
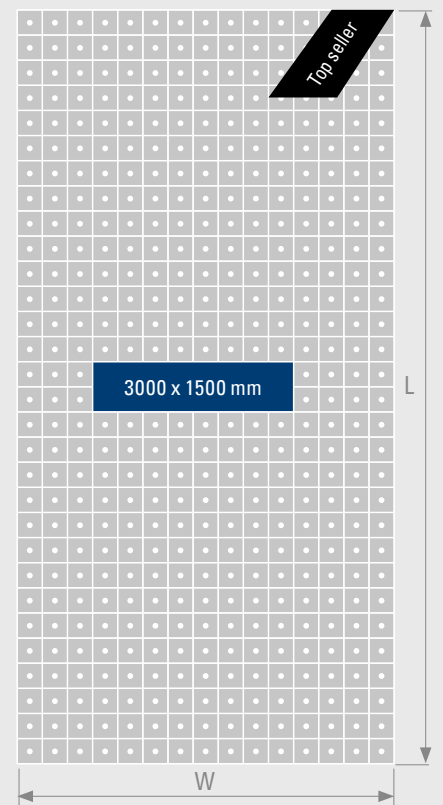
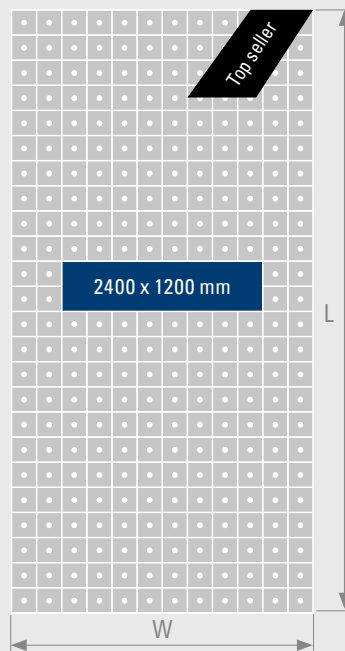
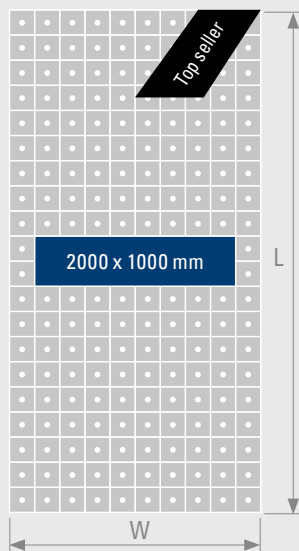
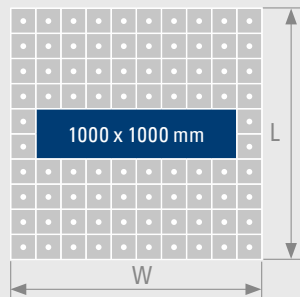
- Connecting elements between spacer block U-form or 3D worktable and support and base rail
- Different setup heights can be adapted to the work piece by simply exchanging the table legs
- You will find detailed information on the product in the section on the track system, page 156
- Available for D28

## Shifting foot with casters

- Moving installed system components is possible without using hoisting equipment or a crane
- Different setup heights can be adapted to the work piece by simply exchanging the table legs
- Highest load capacity in the working position thanks to full surface support of the foot on the rail
- You will find detailed information on the product in the section on the track system, page 157
- Available for D28



## D28 system table sizes

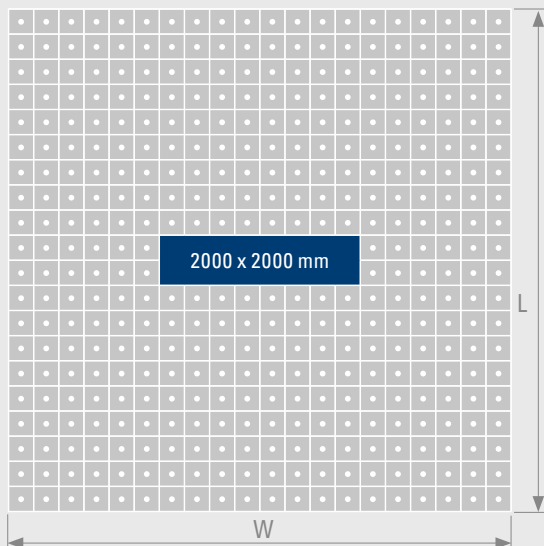
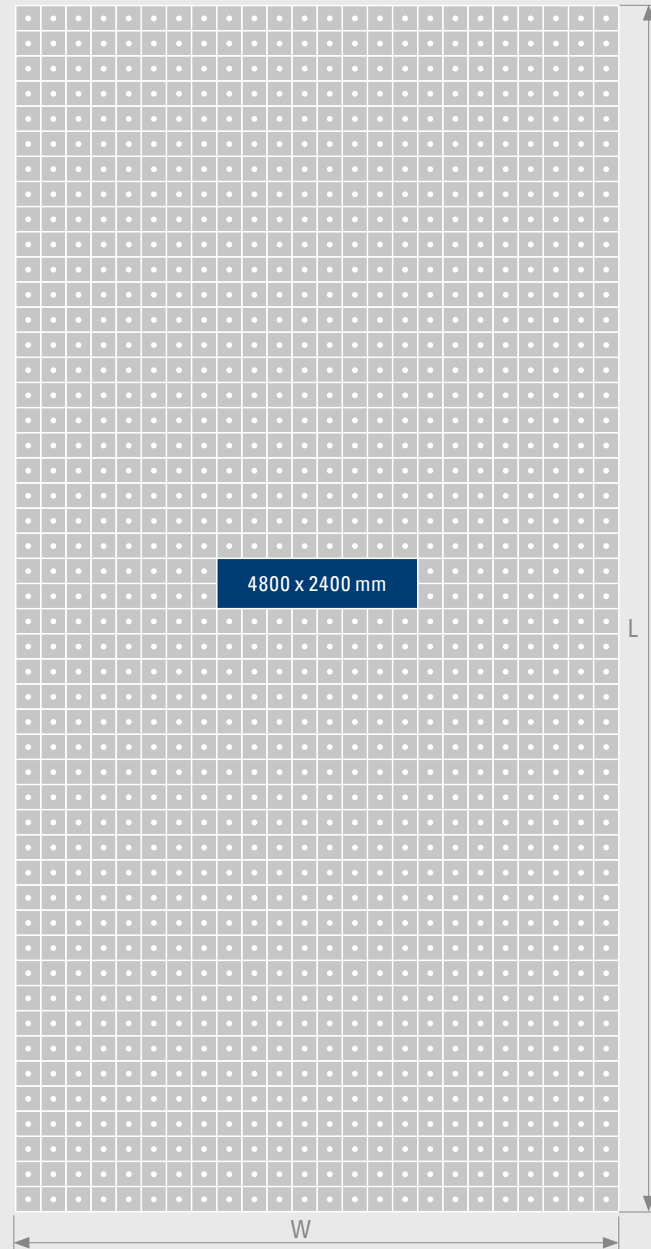
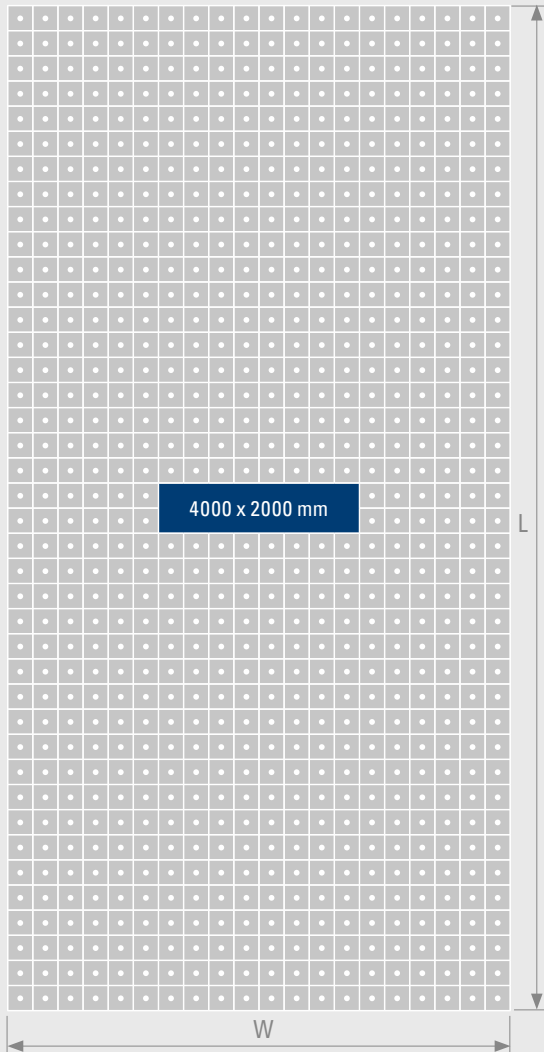


28	L in mm	W in mm	H in mm
	1000	1000	200
	1200	800	200
	1200	1200	200
	1500	1000	200
	1500	1500	200
	<b>2000</b>	<b>1000</b>	<b>200</b>
	2000	2000	200
	<b>2400</b>	<b>1200</b>	<b>200</b>
	<b>3000</b>	<b>1500</b>	<b>200</b>
	4000	2000	200
	4800	2400	200
	Customer dimension*	Customer dimension	Customer dimension

\*Custom dimensions and material (e. g. stainless steel) available on request!



OUR PERFORMANCE  
makes THE DIFFERENCE



For everyday, large welded constructions

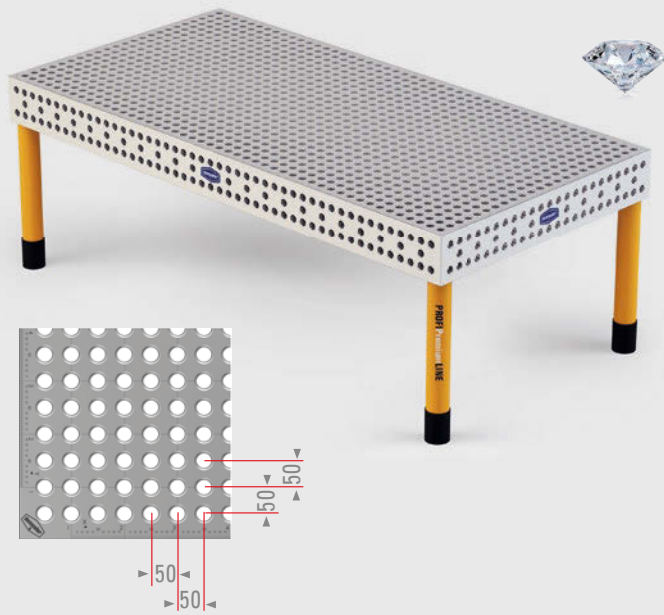




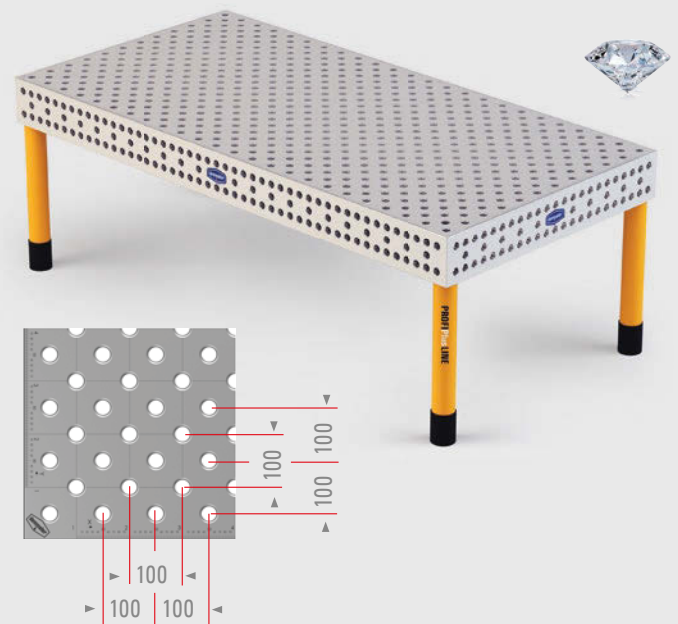
## PROFIPremiumLINE (PP) 3D table

## PROFIPlusLINE (PL) 3D table

Worktop with D28 system bores  
in a 50 mm x 50 mm grid



Worktop with D28 system bores  
in diagonal 100 mm x 100 mm grid



### Description: PROFIPremiumLINE ▼

- Worktop with D28 system bores in a 50 mm x 50 mm grid. This results in approx. 400 % more clamping options than PROFIEcoLINE and conventional worktables, and approx. 100 % more clamping options than PROFIPlusLINE
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle, which nearly doubles the expansion and clamping options
- All table sizes optionally available in hardened version, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

### Description: PROFIPlusLINE ▼

- Worktop with D28 system bores in a double 100 mm x 100 mm grid, resulting in approx. 80 % more clamping options than PROFIEcoLINE and conventional worktables
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle, which nearly doubles the expansion and clamping options
- All table sizes optionally available in hardened version, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

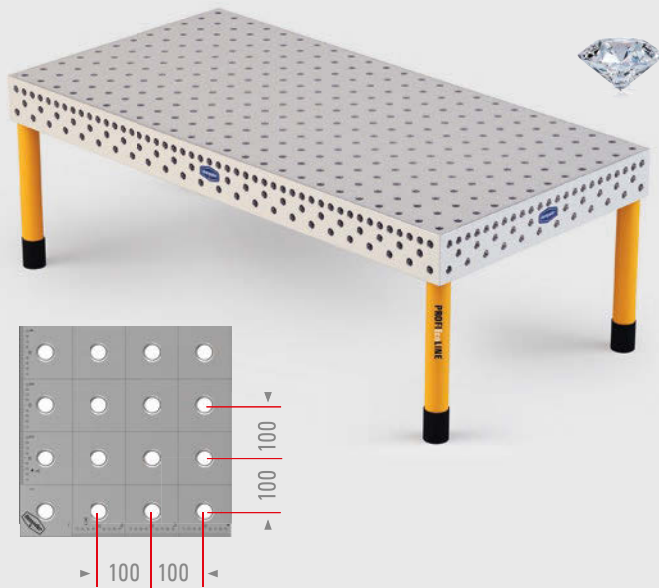
## PROFIecoLINE (PE) 3D table

## HobbyLINE (H) worktop

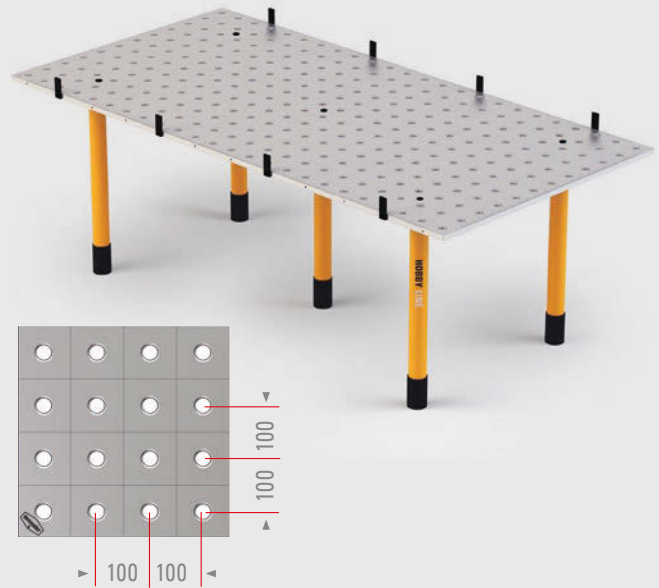


Top-seller

Worktop with D28 system bores  
in a 100 mm x 100 mm grid



Worktop with D28 system bores  
in a 100 mm x 100 mm grid



## Description: PROFIEcoLINE ▼

- Worktop with D28 system bores in a 100 mm x 100 mm grid
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top row with additional 100 mm grid in the middle and in the bottom row, which greatly increases the expansion and clamping options
- All table sizes optionally available in hardened version, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

## Description: HobbyLINE ▼

- Cost-effective alternative for low loads
- Worktop approx. 25 mm high with D28 system bores in a 100 mm x 100 mm grid
- Accessories for E (EcoLINE), D (PlusLINE) and P (PremiumLINE) can be used on the worktop
- M8 threaded bores on all four sides of the worktop including 8 outer stops with screw
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Coordinate marking of the bores in the X and Y-direction
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly





## 3D measuring, assembly and adjustment table

### Description of the table line 28

#### Worktop with precision scaling

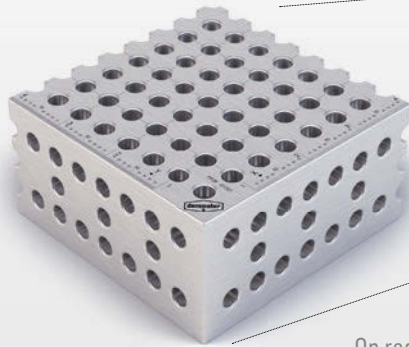
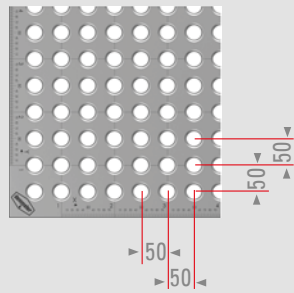


#### Description: 3D measuring, assembly and adjustment table ▼

- Evenness 0.15 mm/m
- Outstanding precision for adjusting, measuring and assembling components
- Optimised outside table edges
- Incl. precision scaling / gridlines
- Hardened version DEMONT 860 M, up to 860 Vickers
- Improved table reinforcement through additional cross-ribs
- DEMMELER logo recessed in all 4 side plates

## PROFIPremiumLINE (PP) 3D table

Up to 400% more clamping options

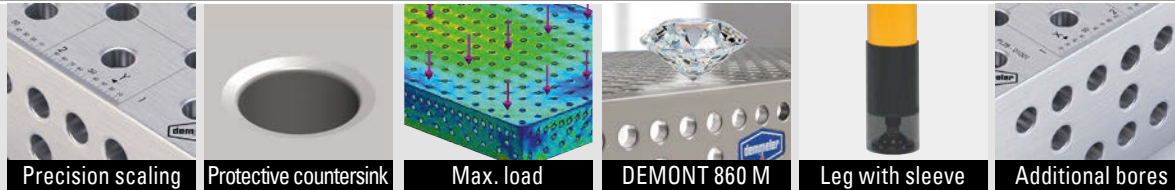


On request the table is also available in a cast or stainless steel version!

Table without leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	200	290	
	1200	800	200	280	
	1200	1200	200	380	
	1500	1000	200	390	
	1500	1500	200	530	
	<b>2000</b>	<b>1000</b>	<b>200</b>	<b>500</b>	
	2000	2000	200	1000	
	<b>2400</b>	<b>1200</b>	<b>200</b>	<b>710</b>	
	<b>3000</b>	<b>1500</b>	<b>200</b>	<b>1010</b>	
	4000	2000	200	1780	
	4800	2400	200	2550	

Custom dimensions and material (e. g. stainless steel) available on request

Table with standard leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	850 ±30	324	12000
	1200	800	850 ±30	314	12000
	1200	1200	850 ±30	414	12000
	1500	1000	850 ±30	424	12000
	1500	1500	850 ±30	564	12000
	<b>2000</b>	<b>1000</b>	<b>850 ±30</b>	<b>534</b>	<b>12000</b>
	2000	2000	850 ±30	1034	12000
	<b>2400</b>	<b>1200</b>	<b>850 ±30</b>	<b>744</b>	<b>12000</b>
	<b>3000</b>	<b>1500</b>	<b>850 ±30</b>	<b>1061</b>	<b>18000</b>
	4000	2000	850 ±30	1831	18000
	4800	2400	850 ±30	2644	33000



### DESCRIPTION

- Worktop with D28 system bores in a **50 mm x 50 mm grid**. This results in approx. 400 % more clamping options than PROFIEcoLINE and conventional worktables, and approx. 100% more clamping options than PROFIPlusLINE
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle, which nearly doubles the expansion and clamping options
- All table sizes optionally available in new hardness, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

### THE HARDNESS



**DEMONT 860 M**

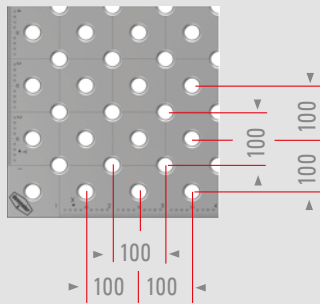
**DEMONT 760 M**

Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
without legs	PP28-01001-000	PP28-01001-500	PP28-01001-700
without legs	PP28-11019-000	PP28-11019-500	PP28-11019-700
without legs	PP28-01056-000	PP28-01056-500	PP28-01056-700
without legs	PP28-01011-000	PP28-01011-500	PP28-01011-700
without legs	PP28-01031-000	PP28-01031-500	PP28-01031-700
<b>without legs</b>	<b>PP28-01002-000</b>	<b>PP28-01002-500</b>	<b>PP28-01002-700</b>
without legs	PP28-01006-000	PP28-01006-500	PP28-01006-700
<b>without legs</b>	<b>PP28-01003-000</b>	<b>PP28-01003-500</b>	<b>PP28-01003-700</b>
<b>without legs</b>	<b>PP28-01004-000</b>	<b>PP28-01004-500</b>	<b>PP28-01004-700</b>
without legs	PP28-01005-000	PP28-01005-500	PP28-01005-700
without legs	PP28-11085-000	PP28-11085-500	PP28-11085-700

Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
4	PP28-01001-001	PP28-01001-011	PP28-01001-021
4	PP28-11019-001	PP28-11019-011	PP28-11019-021
4	PP28-01056-001	PP28-01056-011	PP28-01056-021
4	PP28-01011-001	PP28-01011-011	PP28-01011-021
4	PP28-01031-001	PP28-01031-011	PP28-01031-021
<b>4</b>	<b>PP28-01002-001</b>	<b>PP28-01002-011</b>	<b>PP28-01002-021</b>
4	PP28-01006-001	PP28-01006-011	PP28-01006-021
<b>4</b>	<b>PP28-01003-001</b>	<b>PP28-01003-011</b>	<b>PP28-01003-021</b>
<b>6</b>	<b>PP28-01004-001</b>	<b>PP28-01004-011</b>	<b>PP28-01004-021</b>
6	PP28-01005-001	PP28-01005-011	PP28-01005-021
11	PP28-11085-001	PP28-11085-011	PP28-11085-021

Selection list for other leg variants as of page 100.


## PROFIPlusLINE (PL) 3D table

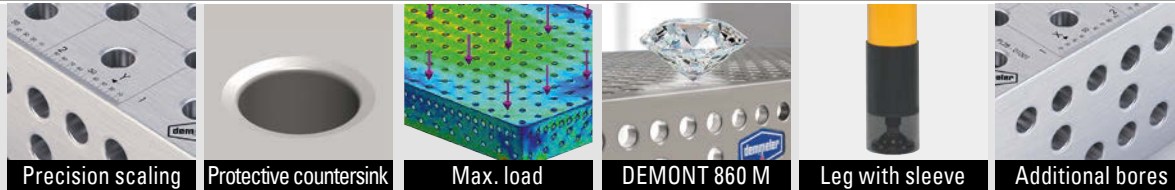


On request the table is also available in a cast or stainless steel version!

Table without leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	200	310	
	1200	800	200	300	
	1200	1200	200	410	
	1500	1000	200	430	
	1500	1500	200	590	
	<b>2000</b>	<b>1000</b>	<b>200</b>	<b>550</b>	
	2000	2000	200	1050	
	<b>2400</b>	<b>1200</b>	<b>200</b>	<b>790</b>	
	<b>3000</b>	<b>1500</b>	<b>200</b>	<b>1150</b>	
	4000	2000	200	1980	
	4800	2400	200	2830	

Custom dimensions and material (e. g. stainless steel) available on request

Table with standard leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	850 ±30	344	12000
	1200	800	850 ±30	334	12000
	1200	1200	850 ±30	444	12000
	1500	1000	850 ±30	464	12000
	1500	1500	850 ±30	624	12000
	<b>2000</b>	<b>1000</b>	<b>850 ±30</b>	<b>584</b>	<b>12000</b>
	2000	2000	850 ±30	1084	12000
	<b>2400</b>	<b>1200</b>	<b>850 ±30</b>	<b>824</b>	<b>12000</b>
	<b>3000</b>	<b>1500</b>	<b>850 ±30</b>	<b>1201</b>	<b>18000</b>
	4000	2000	850 ±30	2031	18000
	4800	2400	850 ±30	2925	33000



### DESCRIPTION

- Worktop with D28 system bores in a double 100 mm x 100 mm grid, resulting in approx. 80 % more clamping options than PROFIEcoLINE and conventional worktables
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top and bottom rows with additional 100 mm grid in the middle, which nearly doubles the expansion and clamping options
- All table sizes optionally available in new hardness, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

### THE HARDNESS



**DEMONT 860 M**

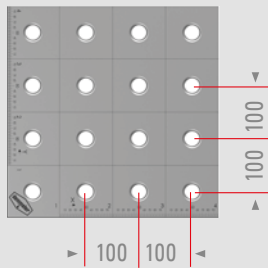
**DEMONT 760 M**

Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
without legs	PL28-01001-000	PL28-01001-500	PL28-01001-700
without legs	PL28-11019-000	PL28-11019-500	PL28-11019-700
without legs	PL28-01056-000	PL28-01056-500	PL28-01056-700
without legs	PL28-01011-000	PL28-01011-500	PL28-01011-700
without legs	PL28-01031-000	PL28-01031-500	PL28-01031-700
<b>without legs</b>	<b>PL28-01002-000</b>	<b>PL28-01002-500</b>	<b>PL28-01002-700</b>
without legs	PL28-01006-000	PL28-01006-500	PL28-01006-700
<b>without legs</b>	<b>PL28-01003-000</b>	<b>PL28-01003-500</b>	<b>PL28-01003-700</b>
<b>without legs</b>	<b>PL28-01004-000</b>	<b>PL28-01004-500</b>	<b>PL28-01004-700</b>
without legs	PL28-01005-000	PL28-01005-500	PL28-01005-700
without legs	PL28-11085-000	PL28-11085-500	PL28-11085-700

Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
4	PL28-01001-001	PL28-01001-011	PL28-01001-021
4	PL28-11019-001	PL28-11019-011	PL28-11019-021
4	PL28-01056-001	PL28-01056-011	PL28-01056-021
4	PL28-01011-001	PL28-01011-011	PL28-01011-021
4	PL28-01031-001	PL28-01031-011	PL28-01031-021
<b>4</b>	<b>PL28-01002-001</b>	<b>PL28-01002-011</b>	<b>PL28-01002-021</b>
4	PL28-01006-001	PL28-01006-011	PL28-01006-021
<b>4</b>	<b>PL28-01003-001</b>	<b>PL28-01003-011</b>	<b>PL28-01003-021</b>
<b>6</b>	<b>PL28-01004-001</b>	<b>PL28-01004-011</b>	<b>PL28-01004-021</b>
6	PL28-01005-001	PL28-01005-011	PL28-01005-021
11	PL28-11085-001	PL28-11085-011	PL28-11085-021

Selection list for other leg variants as of page 100.


## PROFI<sup>Eco</sup>LINE (PE) 3D table

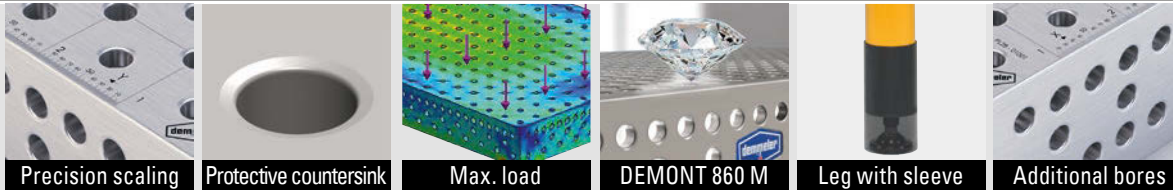


On request the table is also available in a cast or stainless steel version!

Table without leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	200	330	
	1200	800	200	310	
	1200	1200	200	430	
	1500	1000	200	450	
	1500	1500	200	610	
	<b>2000</b>	<b>1000</b>	<b>200</b>	<b>570</b>	
	2000	2000	200	1100	
	<b>2400</b>	<b>1200</b>	<b>200</b>	<b>820</b>	
	<b>3000</b>	<b>1500</b>	<b>200</b>	<b>1180</b>	
	4000	2000	200	2090	
	4800	2400	200	2980	

Custom dimensions and material (e. g. stainless steel) available on request

Table with standard leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	850 ±30	364	12000
	1200	800	850 ±30	344	12000
	1200	1200	850 ±30	464	12000
	1500	1000	850 ±30	484	12000
	1500	1500	850 ±30	644	12000
	2000	1000	850 ±30	604	12000
	2000	2000	850 ±30	1134	12000
	<b>2400</b>	<b>1200</b>	<b>850 ±30</b>	<b>854</b>	<b>12000</b>
	<b>3000</b>	<b>1500</b>	<b>850 ±30</b>	<b>1231</b>	<b>18000</b>
	4000	2000	850 ±30	2141	18000
	4800	2400	850 ±30	3074	33000



### DESCRIPTION

- Worktop with D28 system bores in a 100 mm x 100 mm grid
- 3-hole drilling pattern in the table side plates with D28 system bores, 50 mm grid in the top row with additional 100 mm grid in the middle and in the bottom row, which nearly doubles the expansion and clamping options
- All table sizes optionally available in new hardness, DEMONT 760 M and DEMONT 860 M, in up to 860 Vickers
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Improved table reinforcement through additional cross-ribs
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Precision scaling with millimetre graduation, also available with the DEMONT 760 M and DEMONT 860 M options
- Coordinate marking of the bores in the X and Y-direction
- DEMMELER logo recessed in all 4 side plates
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

### THE HARDNESS



**DEMONT 860 M**

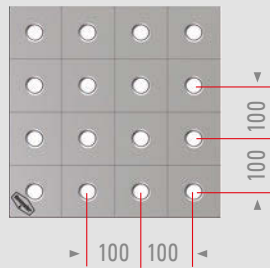
**DEMONT 760 M**

Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
without legs	PE28-01001-000	PE28-01001-500	PE28-01001-700
without legs	PE28-11019-000	PE28-11019-500	PE28-11019-700
without legs	PE28-01056-000	PE28-01056-500	PE28-01056-700
without legs	PE28-01011-000	PE28-01011-500	PE28-01011-700
without legs	PE28-01031-000	PE28-01031-500	PE28-01031-700
<b>without legs</b>	<b>PE28-01002-000</b>	<b>PE28-01002-500</b>	<b>PE28-01002-700</b>
without legs	PE28-01006-000	PE28-01006-500	PE28-01006-700
<b>without legs</b>	<b>PE28-01003-000</b>	<b>PE28-01003-500</b>	<b>PE28-01003-700</b>
<b>without legs</b>	<b>PE28-01004-000</b>	<b>PE28-01004-500</b>	<b>PE28-01004-700</b>
without legs	PE28-01005-000	PE28-01005-500	PE28-01005-700
without legs	PE28-11085-000	PE28-11085-500	PE28-11085-700

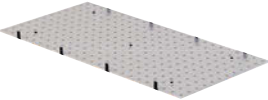
Number of legs	SOLID	DEMONT 760 M hardened	DEMONT 860 M hardened
4	PE28-01001-001	PE28-01001-011	PE28-01001-021
4	PE28-11019-001	PE28-11019-011	PE28-11019-021
4	PE28-01056-001	PE28-01056-011	PE28-01056-021
4	PE28-01011-001	PE28-01011-011	PE28-01011-021
4	PE28-01031-001	PE28-01031-011	PE28-01031-021
4	PE28-01002-001	PE28-01002-011	PE28-01002-021
4	PE28-01006-001	PE28-01006-011	PE28-01006-021
<b>4</b>	<b>PE28-01003-001</b>	<b>PE28-01003-011</b>	<b>PE28-01003-021</b>
<b>6</b>	<b>PE28-01004-001</b>	<b>PE28-01004-011</b>	<b>PE28-01004-021</b>
6	PE28-01005-001	PE28-01005-011	PE28-01005-021
11	PE28-11085-001	PE28-11085-011	PE28-11085-021

Selection list for other leg variants as of page 100.


## HobbyLINE (H) worktable



On request the table is also available in a stainless steel version!

Table without leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	25	180	
	1200	800	25	180	
	1200	1200	25	260	
	1500	1000	25	270	
	2000	1000	25	360	
	2400	1200	25	510	

Custom dimensions and material (e. g. stainless steel) available on request

Table with standard leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	1000	1000	850 ±30	204	600
	1200	800	850 ±30	204	600
	1200	1200	850 ±30	284	600
	1500	1000	850 ±30	300	600
	2000	1000	850 ±30	390	600
	2400	1200	850 ±30	540	600

Standard leg single	H in mm	Weight of table leg in kg	Item no.
---------------------	---------	---------------------------	----------



826 ±30 fine

6

PL16-10010-005





DESCRIPTION

- Cost-effective alternative for low loads
- Worktop approx. 25 mm high with D28 system bores in a 100 mm x 100 mm grid
- Accessories for E (EcoLINE), D (PlusLINE) and P (PremiumLINE) can be used on the worktop
- M8 threaded bores on all four sides of the worktop including 8 outer stops with screw
- All system bores with new protective countersink, perfect design and ultimate functionality
- Optimised outside table edges
- Continuous gridlines in X and Y-direction, 100 mm spacing
- Table legs with fine adjustment, round design with pivoting foot
- Foot sleeve to protect the cable-hose assembly

Number of legs	SOLID
without legs	H28-01001-000
without legs	H28-11019-000
without legs	H28-01056-000
without legs	H28-01011-000
without legs	H28-01002-000
without legs	H28-01003-000

Number of legs	SOLID	Selection list for other leg variants as of page 100.
4	H28-01001-001	
4	H28-11019-001	
4	H28-01056-001	
5	H28-01011-001	
5	H28-01002-001	
5	H28-01003-001	

3D measuring, assembly and adjustment table



Table without leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	2000	1000	200	610	
	2400	1200	200	890	
	3000	1500	200	1300	
Table with standard leg	L in mm	W in mm	H in mm	~ Weight of table in kg	Max. load in kg
	2000	1000	850 ±30	644	12000
	2400	1200	850 ±30	924	12000
	3000	1500	850 ±30	1351	18000



3D measuring, assembly and adjustment table



Precision scaling



Evenness 0.15 mm/m



Leg with sleeve

DESCRIPTION

- Evenness 0.15 mm/m
- Outstanding precision for adjusting, measuring and assembling components
- Optimised outside table edges
- Incl. precision scaling / gridlines
- Hardened version DEMONT 860 M, up to 860 Vickers
- Improved table reinforcement through additional cross-ribs
- DEMMELER logo recessed in all 4 side plates

THE HARDNESS



DEMONT 860 M

Number of legs	SOLID	DEMONT 860 M hardened	
without legs	M28-01002-000	M28-01002-700	
without legs	M28-01003-000	M28-01003-700	
without legs	M28-01004-000	M28-01004-700	
Number of legs	SOLID	DEMONT 860 M hardened	
4	M28-01002-001	M28-01002-021	Selection list for other leg variants as of page 100.
4	M28-01003-001	M28-01003-021	
6	M28-01004-001	M28-01004-021	

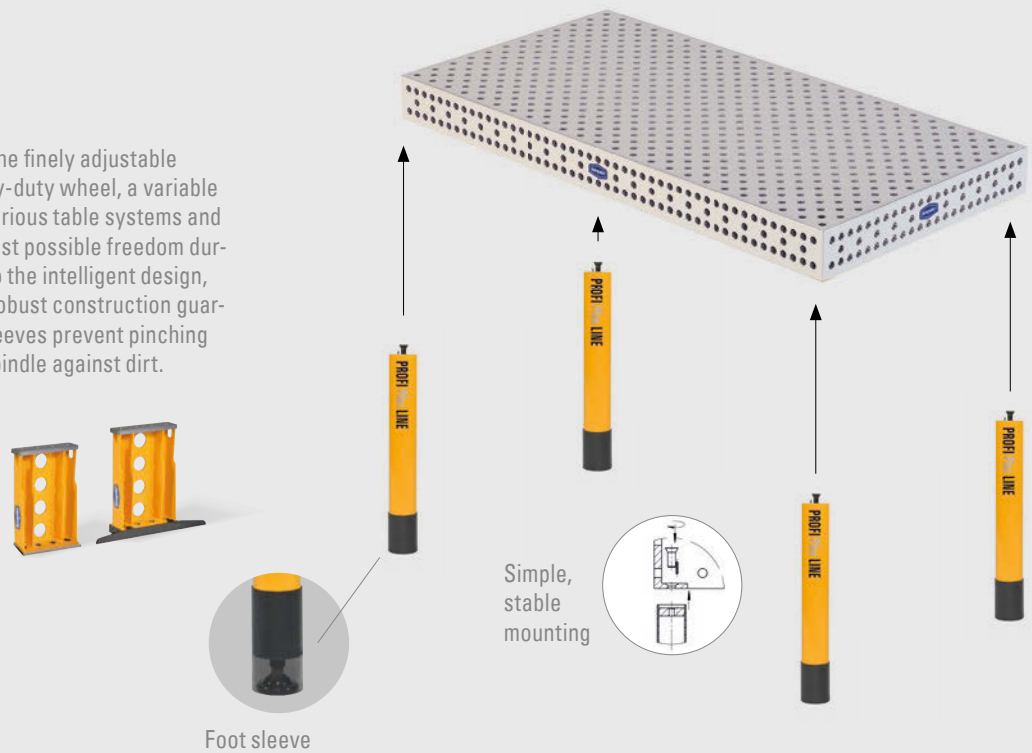
## Ordering summary for table legs

### D28 system 3D welding tables with suitable standard legs

#### Legs you can rely on.


Efficient working guaranteed! Starting with the finely adjustable standard leg and on through the mobile heavy-duty wheel, a variable selection of table legs are available for the various table systems and permit any application. This offers you greatest possible freedom during your manufacturing operations. Thanks to the intelligent design, the legs can be fixed simply and stably. The robust construction guarantees a long service life. To this end, foot sleeves prevent pinching the welding hose and protect the threaded spindle against dirt.

As of page 156, you will find the right legs for mounting your system on the DEMMELER track system.




#### Ordering example:

1. On page 90 - 98, select the desired worktop, resulting in order item no. 1:  
e.g. **1x** PL28-01031-000




+

2. From the current page, select the leg you want in the corresponding quantity, which results in order item no. 2:  
e.g. **4x** PL28-10010-001



=

3. The two order item numbers make up your order to DEMMELER.  
e.g. **1x** PL28-01031-000  
+ e.g. **4x** PL28-10010-001







#### The right table legs for any application

System	Standard leg	Telescoping leg	Heavy-duty wheel	Anchoring leg	Scissor lift*
	28	28	28	28	28
PROFIPremiumLINE	●	●	●	●	●
PROFIPlusLINE	●	●	●	●	●
PROFIEcoLINE	●	●	●	●	●
HobbyLINE	●	●	●	●	●

\*You will find more detailed information on the scissor lift and order options on page 102.



Standard leg / telescoping leg / heavy-duty wheel / anchoring leg

Standard leg		Quantity		28														
		Legs	Item number	H in mm	Weight in kg	Max. load in kg												
	<p><b>Top seller</b></p> <p><b>For table size</b></p> <p>1000x1000</p> <p>1200x800</p> <p>1200x1200</p> <p>1500x1000</p> <p>1500x1500</p> <p>2000x1000</p> <p>2000x2000</p> <p>2400x1200</p> <p>3000x1500</p> <p>4000x2000</p> <p>4800x2400</p>	4	PL28-10010-000	650 <sup>*1</sup> ± 30	8.5	3000												
		6																
		11																
		Telescoping leg					Quantity		28									
							Legs	Item number	H in mm	Weight in kg	Max. load in kg							
							<p><b>For table size</b></p> <p>1000x1000</p> <p>1200x800</p> <p>1200x1200</p> <p>1500x1000</p> <p>1500x1500</p> <p>2000x1000</p> <p>2000x2000</p> <p>2400x1200</p> <p>3000x1500</p> <p>4000x2000</p> <p>4800x2400</p>	4	PL28-10010-001	550 to 900 ± 30	12	3000						
								6										
								11										
								Heavy-duty wheel					Quantity		28			
													Legs	Item number	H in mm	Weight in kg	Max. load in kg	
	<p><b>For table size</b></p> <p>1000x1000</p> <p>1200x800</p> <p>1200x1200</p> <p>1500x1000</p> <p>1500x1500</p> <p>2000x1000</p> <p>2000x2000</p> <p>2400x1200</p> <p>3000x1500</p> <p>4000x2000</p> <p>4800x2400</p>		4	(2x) PL28-10010-002 <sup>*2</sup> + (2x) PL28-10010-003 <sup>*3</sup>	650 <sup>*1</sup> ± 30	12		600										
			6			11												
			11			12												
			Anchoring leg			Quantity							28					
						Legs							Item number	H in mm	Weight in kg	Max. load in kg		
			<p><b>For table size</b></p> <p>1000x1000</p> <p>1200x800</p> <p>1200x1200</p> <p>1500x1000</p> <p>1500x1500</p> <p>2000x1000</p> <p>2000x2000</p> <p>2400x1200</p> <p>3000x1500</p> <p>4000x2000</p> <p>4800x2400</p>			4	PL28-10010-004		650 <sup>*1</sup> ± 30	11	3000							
						6												
						11												

\*1 Other leg heights possible on request \*2 Wheel with brake \*3 Wheel without brake

## Scissor lift

- Continuously variable height adjustment
- With safety shutdown board
- Fully adapted to 3D worktable
- Including hand control
- Power unit internal / external (depending on size)



### Description ▲

#### ORDERING EXAMPLE:

(1) On page 90 - 98, select the desired worktop, which results in order item no. 1:



e.g. 1 x PL28-01003-700

+



e.g. 1 x 00000629

=



e.g. 1 x PL28-01003-700  
e.g. 1 x 00000629

The two order item numbers make up your order to DEMMELER.

Scissor lift			28	
For table size	Load capacity	H in mm	Item number	Weight in kg
1000x1000	1 to - table weight	385-1310	00016008	155
1200x800	1 to - table weight	200-900	00090594	300
1200x1200	2 to - table weight	200-900	00041421	530
1500x1000	2 to - table weight	200-1000	00040820	500
1500x1500	2 to - table weight	280-1080	00002460	620
2000x1000	2 to - table weight	230-1230	00000628	650
2000x2000	2 to - table weight	280-1280	00090591	950
2400x1200	2 to - table weight	260-1560	00000629	810
3000x1500	3 to - table weight	350-1950	00000627	1000
4000x2000	5 to - table weight	460-2060	00019552	2100
4800x2400	6 to - table weight	460-2060	00090601	2100



### Application ▲▼



The scissor lift lift is also available in other dimensions or with a different payload on request.

## Holding frame

- Exact positioning of 3D worktables in lengthwise and crosswise direction on the support and base rail is possible
- Very stable version for extremely high loads
- You will find suitable worktops on page 154



Also compatible with:



Description ▲ Application ▼

Application ▼



Setup in lengthwise / crosswise direction



Table size	Track width	H	Weight in kg	Max. load in kg	Item no.
1000 / 1000	1000/1000	600	158	15000	PL00-02004-000
1200 / 1200					
1500 / 1000					
1500 / 1500					
2000 / 1000					
2000 / 2000	2000/1000	600	229	15000	PL00-02004-001
2400 / 1200					
3000 / 1500					
4000 / 2000					
4000 / 2000	4000/2000	600	516	20000	PL00-02004-002
4800 / 2400					

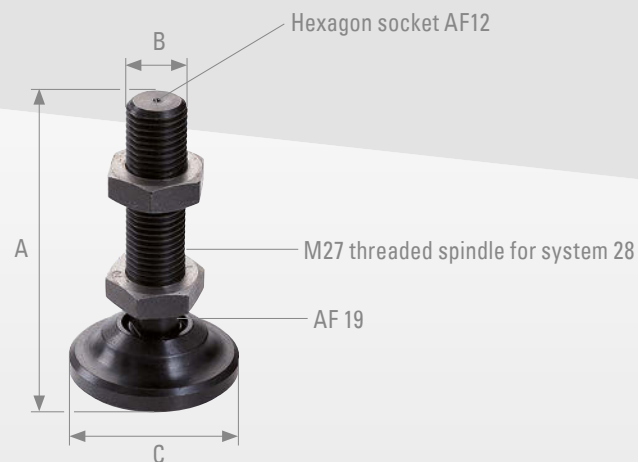
Other sizes by request!





For D28 system bores (not for table leg corners)

- This leg spindle can be used in any system 28 system bore. For example, to set the holding frame or other system elements onto pivoting feet.
- Scope of delivery: Sturdy M27 threaded spindle with ball head, pivoting foot disc and 2 x M27 nuts



### Description ▲ Application



28	A in mm	B Ø in mm	C Ø in mm	Item no.
	140	M27	78	D28-10010-000