

THE NEW HARDNESS



DEMONT 750

DEMONT 500



OUR PERFORMANCE
makes THE DIFFERENCE

NEW AT THE TRADE FAIR 2013



DEMONT 750, DEMONT 500, the
new hardness from Demmeler

Experience the Demmeler
fascination live!



EMO Hannover
16/09/2013–21/09/2013
Hall 015, booth D24



Welding & cutting Essen
16/09/2013–21/09/2013
Hall 3.0, booth B105



Motek Stuttgart
07/10/2013–10/10/2013
Hall 1, booth 1604



Blechexpo Stuttgart
05/11/2013–08/11/2013
Hall 1, booth 1504

Supplementary to main catalogue 2013

WELCOME TO DEMMELER

LONG TOILED OVER – NOW UNVEILED: THE SECRET OF OUR INNOVATION



The best way to experience the effectiveness of our current innovation offensive first hand is to visit our trade fair booth. Power is only useful if you can control it. That's why we have fitted our M2000 manipulator with the newest generation of teach controls. Your employees can now perform welding seams from a comfortable position.

That is not only safer, but also leads to increased quality as a result of the greater precision of the working process; additionally, runs in the welding material are avoided.

The comfortable working position prevents fatigue while reducing absence due to illness and resulting delivery delays. So, everyone profits from the M2000.

There's not just one, but several good reasons to visit us at the trade fair.

Developers and engineers have been working tirelessly over the last few months to continuously improve our high-grade products.

The most important new feature this year concerns our 3-D welding tables.

They are available in four different product lines:

- Profi Premium Line
- Profi Plus Line
- Profi Eco Line
- Hobby Line

The names of the product lines are indicative of the main target group for which the products have been developed. Behind these new names is not only a new design but, in particular, new technology: a variable bore grid and many new functions.

Faithful to the motto "What is better is the enemy of what is good", we have questioned anew all of those details which apparently "have to be" simply on the grounds that they always have been. This process, which seems at first glance to be self-critical of our own technology, leads to a great deal of optimisation of detail, from which our users profit in the course of their everyday manufacturing business – whether as a result of safer or quicker production or because of improvements to the level of quality.

Today, Demmeler is a highly-developed modern company, active and successful around the globe. This is not something to be taken for granted, but the result of resolute action and foresight.

We will be glad to greet you at our trade fair booth.

Demmeler – always an idea ahead



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THE NEW HARDNESS FROM DEMMELER – SIMPLY BRILLIANT!

DEMONT 750
DEMONT 500



DEMONT 500

The new hardness procedure specially optimized for welding tables from Demmeler. Here, outstanding surface properties and hardness of up to 500 vickers are achieved, making your welding table even more resistant to wear and tear and more durable.

DEMONT 750

By using a highly-stable basis material for the table top surface in combination with the specially-optimised hardness procedure from Demmeler, excellent surface properties are achieved together with a hardness of up to 750 Vickers. By combining a highly-stable basis material with the special hardness procedure, excellent welding table properties for extreme applications can be achieved.

THE NEW HARDNESS



DEMONT 750

DEMONT 500

The new hardness from Demmeler – material properties

Scoring	DEMONT 750	DEMONT 500	Standard	Casting	High-grade steel
Hardness	10	8	5	4	6
Point load	9	8	5	4	6
Scratch-resistant	10	8	5	4	6
Corrosion resistance	8	8	4	2	10
against weld splatter	9	9	7	10	6
Precision	7	8	10	10	9
Service life	10	8	6	6	7
70 points maximum	63 points	57 points	42 points	38 points	50 points

20-40 points = suitable for standard applications

41-70 points = suitable for applications with tough to extreme demands

THE NEW TABLE LINES

Up to 400% more clamping possibilities!

THE NEW HARDNESS



DEMONT 750

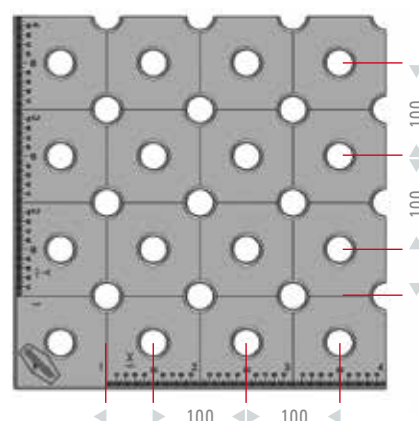
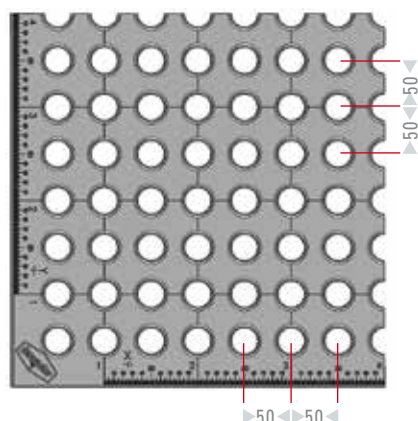
DEMONT 500



Profi Premium Line



Profi Plus Line



Description:

- Table top with system bores D28 in a grid of 50 mm x 50 mm. As a result, approx. 400% more clamping possibilities than are offered by the Profi Eco line and conventional welding tables and approx. 100% more clamping possibilities than the Profi Plus line
- 3-row drilling grid at the sides of the table with system bore D2 50 mm grid 50 mm in the topmost and in the bottom row and an additional 100 mm grid in the middle, nearly doubling the number of possibilities for extension and clamping
- New hardness grade optional for all table sizes, DEMONT 500 and DEMONT 750 deliverable in up to 750 Vickers
- All system bores with the new protective countersunk recesses, perfect design and excellent functionality
- Optimised table outside-corners
- Improved table bracing by means of additional ribbing.
- Layout lines on X- and Y-axes, full-length in 100 mm interval
- Fine dimensioning with millimetre spacing, also deliverable for the DEMONT 750 option
- Coordinate markings of the drillings on X- and Y-axes
- Demmeler Logo on all 4 sides
- Finely adjustable table feet in round design with pendular foot disc
- Foot cuff to protect the supply pipe

Description:

- Table top with system bores D28 in double grid 100 mm x 100 mm. As a result approx. 80% more clamping possibilities than the Profi Eco line and conventional welding tables
- 3-row drilling grid at the sides of the table with system bore D28 50 mm grid in the top and in the bottom row and an additional 100 mm grid in the middle, nearly doubling the number of possibilities for extension and clamping
- New hardness grade optional for all table sizes, DEMONT 500 and DEMONT 750 deliverable in up to 750 Vickers
- All system bores with the new protective countersunk recesses, perfect design and excellent functionality
- Optimised table outside-corners
- Improved table bracing by means of additional ribbing.
- Layout lines on X- and Y-axes, full-length in 100 mm interval
- Fine dimensioning with millimetre spacing, also deliverable for the DEMONT 750 option
- Coordinate markings of the drillings on X- and Y- axes
- Demmeler Logo on all 4 sides
- Finely adjustable table feet in round design with pendular foot disc
- Foot cuff to protect the supply pipe



DEMONT 750

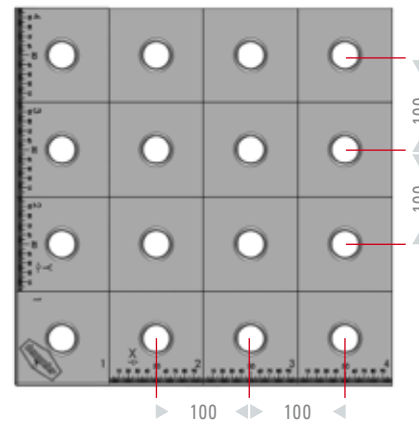
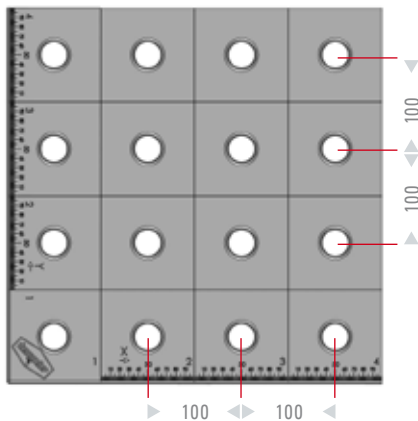
DEMONT 500



Profi Eco Line



Hobby Line



Description:

- Table top with system bores D28 in a grid of 100 mm x 100 mm
- 3-row drilling grid at the sides of the table with system bore D28 50 mm grid in the top and in the bottom row and an additional 100 mm grid in the middle, with considerably increased possibilities for extension and clamping
- New hardness grade optional for all table sizes, DEMONT 500 and DEMONT 750 deliverable in up to 750 Vickers
- All system bores with the new protective countersunk recesses, perfect design and excellent functionality
- Optimised table outside-corners
- Improved table bracing by means of additional ribbing.
- Layout lines on X- and Y-axes, full-length in 100 mm interval
- Fine dimensioning with millimetre spacing, also deliverable for the DEMONT 750 option
- Coordinate markings of the drillings on X- and Y- axes
- Demmeler Logo on all 4 sides
- Finely adjustable table feet in round design with pendular foot disc
- Foot cuff to protect the supply pipe

Description:

- Low-cost alternative for low loads!
- Table top approx. 25mm high with system bores D28 in a grid of 100 mm x 100 mm
- Accessories of E (EcoLine), D (ExpertLine) and P (Pro Line) can be used on the table top
- M8 threaded holes at all four sides of the table top incl. 8 external dead stops with knurled screw
- New hardness grade optional for all table sizes, DEMONT 500 and DEMONT 750 deliverable in up to 750 Vickers
- All system bores with the new protective countersunk recesses, perfect design and excellent functionality
- Optimised table outside-corners
- Layout lines on X- and Y-axes, full-length in 100 mm interval
- Coordinate markings of the drillings on X- and Y- axes
- Finely adjustable table feet in round design with pendular foot disc
- Foot cuff to protect the supply pipe

Various sizes and foot variations



New protective countersunk recesses:

Pin and clamp optimally insertable, protecting the table top at the same time from material dents, even under extreme strain.



Profi Premium Line (PP)

	Standard	Surface-hardened DEMONT 500	Fully hardened DEMONT 750
Profi Premium Line 1000 x 1000, with standard feet	PP28-01001-001	PP28-01001-011	PP28-01001-021
Profi Premium Line 1200 x 1200, with standard feet	PP28-01056-001	PP28-01056-011	PP28-01056-021
Profi Premium Line 1500 x 1000, with standard feet	PP28-01011-001	PP28-01011-011	PP28-01011-021
Profi Premium Line 1500 x 1500, with standard feet	PP28-01031-001	PP28-01031-011	PP28-01031-021
Profi Premium Line 2000 x 1000, with standard feet	PP28-01002-001	PP28-01002-011	PP28-01002-021
Profi Premium Line 2400 x 1200, with standard feet	PP28-01003-001	PP28-01003-011	PP28-01003-021
Profi Premium Line 3000 x 1500, with standard feet	PP28-01004-001	PP28-01004-011	PP28-01004-021
Profi Premium Line 4000 x 2000, with standard feet	PP28-01005-001	PP28-01005-011	PP28-01005-021
Profi Premium Line 1000 x 1000, with telescopic feet	PP28-01001-002	PP28-01001-012	PP28-01001-022
Profi Premium Line 1200 x 1200, with telescopic feet	PP28-01056-002	PP28-01056-012	PP28-01056-022
Profi Premium Line 1500 x 1000, with telescopic feet	PP28-01011-002	PP28-01011-012	PP28-01011-022
Profi Premium Line 1500 x 1500, with telescopic feet	PP28-01031-002	PP28-01031-012	PP28-01031-022
Profi Premium Line 2000 x 1000, with telescopic feet	PP28-01002-002	PP28-01002-012	PP28-01002-022
Profi Premium Line 2400 x 1200, with telescopic feet	PP28-01003-002	PP28-01003-012	PP28-01003-022
Profi Premium Line 3000 x 1500, with telescopic feet	PP28-01004-002	PP28-01004-012	PP28-01004-022
Profi Premium Line 4000 x 2000, with telescopic feet	PP28-01005-002	PP28-01005-012	PP28-01005-022
Profi Premium Line 1000 x 1000, with heavy duty	PP28-01001-003	PP28-01001-013	PP28-01001-023
Profi Premium Line 1200 x 1200, with heavy duty	PP28-01056-003	PP28-01056-013	PP28-01056-023
Profi Premium Line 1500 x 1000, with heavy duty	PP28-01011-003	PP28-01011-013	PP28-01011-023
Profi Premium Line 1500 x 1500, with heavy duty	PP28-01031-003	PP28-01031-013	PP28-01031-023
Profi Premium Line 2000 x 1000, with heavy duty	PP28-01002-003	PP28-01002-013	PP28-01002-023
Profi Premium Line 2400 x 1200, with heavy duty	PP28-01003-003	PP28-01003-013	PP28-01003-023
Profi Premium Line 3000 x 1500, with heavy duty	PP28-01004-003	PP28-01004-013	PP28-01004-023
Profi Premium Line 4000 x 2000, with heavy duty	PP28-01005-003	PP28-01005-013	PP28-01005-023



Profi Plus Line (PL)

	Standard	Surface-hardened DEMONT 500	Fully hardened
Profi Plus Line 1000 x 1000, with standard feet	PL28-01001-001	PL28-01001-011	PL28-01001-021
Profi Plus Line 1200 x 1200, with standard feet	PL28-01056-001	PL28-01056-011	PL28-01056-021
Profi Plus Line 1500 x 1000, with standard feet	PL28-01011-001	PL28-01011-011	PL28-01011-021
Profi Plus Line 1500 x 1500, with standard feet	PL28-01031-001	PL28-01031-011	PL28-01031-021
Profi Plus Line 2000 x 1000, with standard feet	PL28-01002-001	PL28-01002-011	PL28-01002-021
Profi Plus Line 2400 x 1200, with standard feet	PL28-01003-001	PL28-01003-011	PL28-01003-021
Profi Plus Line 3000 x 1500, with standard feet	PL28-01004-001	PL28-01004-011	PL28-01004-021
Profi Plus Line 4000 x 2000, with standard feet	PL28-01005-001	PL28-01005-011	PL28-01005-021
Profi Plus Line 1000 x 1000, with telescopic feet	PL28-01001-002	PL28-01001-012	PL28-01001-022
Profi Plus Line 1200 x 1200, with telescopic feet	PL28-01056-002	PL28-01056-012	PL28-01056-022
Profi Plus Line 1500 x 1000, with telescopic feet	PL28-01011-002	PL28-01011-012	PL28-01011-022
Profi Plus Line 1500 x 1500, with telescopic feet	PL28-01031-002	PL28-01031-012	PL28-01031-022
Profi Plus Line 2000 x 1000, with telescopic feet	PL28-01002-002	PL28-01002-012	PL28-01002-022
Profi Plus Line 2400 x 1200, with telescopic feet	PL28-01003-002	PL28-01003-012	PL28-01003-022
Profi Plus Line 3000 x 1500, with telescopic feet	PL28-01004-002	PL28-01004-012	PL28-01004-022
Profi Plus Line 4000 x 2000, with telescopic feet	PL28-01005-002	PL28-01005-012	PL28-01005-022

Quality for cool-running computers – systems that keep up with growing demands.

	Standard	Surface-hardened DEMONT 500	Fully hardened DEMONT 750
Profi Plus Line 1000 x 1000, with heavy duty wheels	PL28-01001-003	PL28-01001-013	PL28-01001-023
Profi Plus Line 1200 x 1200, with heavy duty wheels	PL28-01056-003	PL28-01056-013	PL28-01056-023
Profi Plus Line 1500 x 1000, with heavy duty wheels	PL28-01011-003	PL28-01011-013	PL28-01011-023
Profi Plus Line 1500 x 1500, with heavy duty wheels	PL28-01031-003	PL28-01031-013	PL28-01031-023
Profi Plus Line 2000 x 1000, with heavy duty wheels	PL28-01002-003	PL28-01002-013	PL28-01002-023
Profi Plus Line 2400 x 1200, with heavy duty wheels	PL28-01003-003	PL28-01003-013	PL28-01003-023
Profi Plus Line 3000 x 1500, with heavy duty wheels	PL28-01004-003	PL28-01004-013	PL28-01004-023
Profi Plus Line 4000 x 2000, with heavy duty wheels	PL28-01005-003	PL28-01005-013	PL28-01005-023

Profi Eco Line (PE)

	Standard	Surface-hardened DEMONT 500	Fully hardened DEMONT 750
Profi Eco Line 1000 x 1000, with standard feet	PE28-01001-001	PE28-01001-011	PE28-01001-021
Profi Eco Line 1200 x 1200, with standard feet	PE28-01056-001	PE28-01056-011	PE28-01056-021
Profi Eco Line 1500 x 1000, with standard feet	PE28-01011-001	PE28-01011-011	PE28-01011-021
Profi Eco Line 1500 x 1500, with standard feet	PE28-01031-001	PE28-01031-011	PE28-01031-021
Profi Eco Line 2000 x 1000, with standard feet	PE28-01002-001	PE28-01002-011	PE28-01002-021
Profi Eco Line 2400 x 1200, with standard feet	PE28-01003-001	PE28-01003-011	PE28-01003-021
Profi Eco Line 3000 x 1500, with standard feet	PE28-01004-001	PE28-01004-011	PE28-01004-021
Profi Eco Line 4000 x 2000, with standard feet	PE28-01005-001	PE28-01005-011	PE28-01005-021
Profi Eco Line 1000 x 1000, with telescopic feet	PE28-01001-002	PE28-01001-012	PE28-01001-022
Profi Eco Line 1200 x 1200, with telescopic feet	PE28-01056-002	PE28-01056-012	PE28-01056-022
Profi Eco Line 1500 x 1000, with telescopic feet	PE28-01011-002	PE28-01011-012	PE28-01011-022
Profi Eco Line 1500 x 1500, with telescopic feet	PE28-01031-002	PE28-01031-012	PE28-01031-022
Profi Eco Line 2000 x 1000, with telescopic feet	PE28-01002-002	PE28-01002-012	PE28-01002-022
Profi Eco Line 2400 x 1200, with telescopic feet	PE28-01003-002	PE28-01003-012	PE28-01003-022
Profi Eco Line 3000 x 1500, with telescopic feet	PE28-01004-002	PE28-01004-012	PE28-01004-022
Profi Eco Line 4000 x 2000, with telescopic feet	PE28-01005-002	PE28-01005-012	PE28-01005-022
Profi Eco Line 1000 x 1000, with heavy duty wheels	PE28-01001-003	PE28-01001-013	PE28-01001-023
Profi Eco Line 1200 x 1200, with heavy duty wheels	PE28-01056-003	PE28-01056-013	PE28-01056-023
Profi Eco Line 1500 x 1000, with heavy duty wheels	PE28-01011-003	PE28-01011-013	PE28-01011-023
Profi Eco Line 1500 x 1500, with heavy duty wheels	PE28-01031-003	PE28-01031-013	PE28-01031-023
Profi Eco Line 2000 x 1000, with heavy duty wheels	PE28-01002-003	PE28-01002-013	PE28-01002-023
Profi Eco Line 2400 x 1200, with heavy duty wheels	PE28-01003-003	PE28-01003-013	PE28-01003-023
Profi Eco Line 3000 x 1500, with heavy duty wheels	PE28-01004-003	PE28-01004-013	PE28-01004-023
Profi Eco Line 4000 x 2000, with heavy duty wheels	PE28-01005-003	PE28-01005-013	PE28-01005-023

Available as of now with the special Demmeler hardness properties.
DEMONT 500 and 750, the tablemark for highest demands.



Special tasks require special tools

Whether as a clamping, as a table extension or for holding winding work-pieces in position, also outside of 90°, the new angle generation, Profi Premium, with its unique grooves in 90° kidney-shape, greatly increases the possibilities for use. As a result, the stability of the new design has been increased, depending on load case, by up to 40%. The integrated system bores, in a 50-grid on all angle sides, together with the extended head plate, fulfil all of your wishes. Ultra-light yet stable aluminium/titanium-alloy design.

Description

4 stopping faces / useful areas

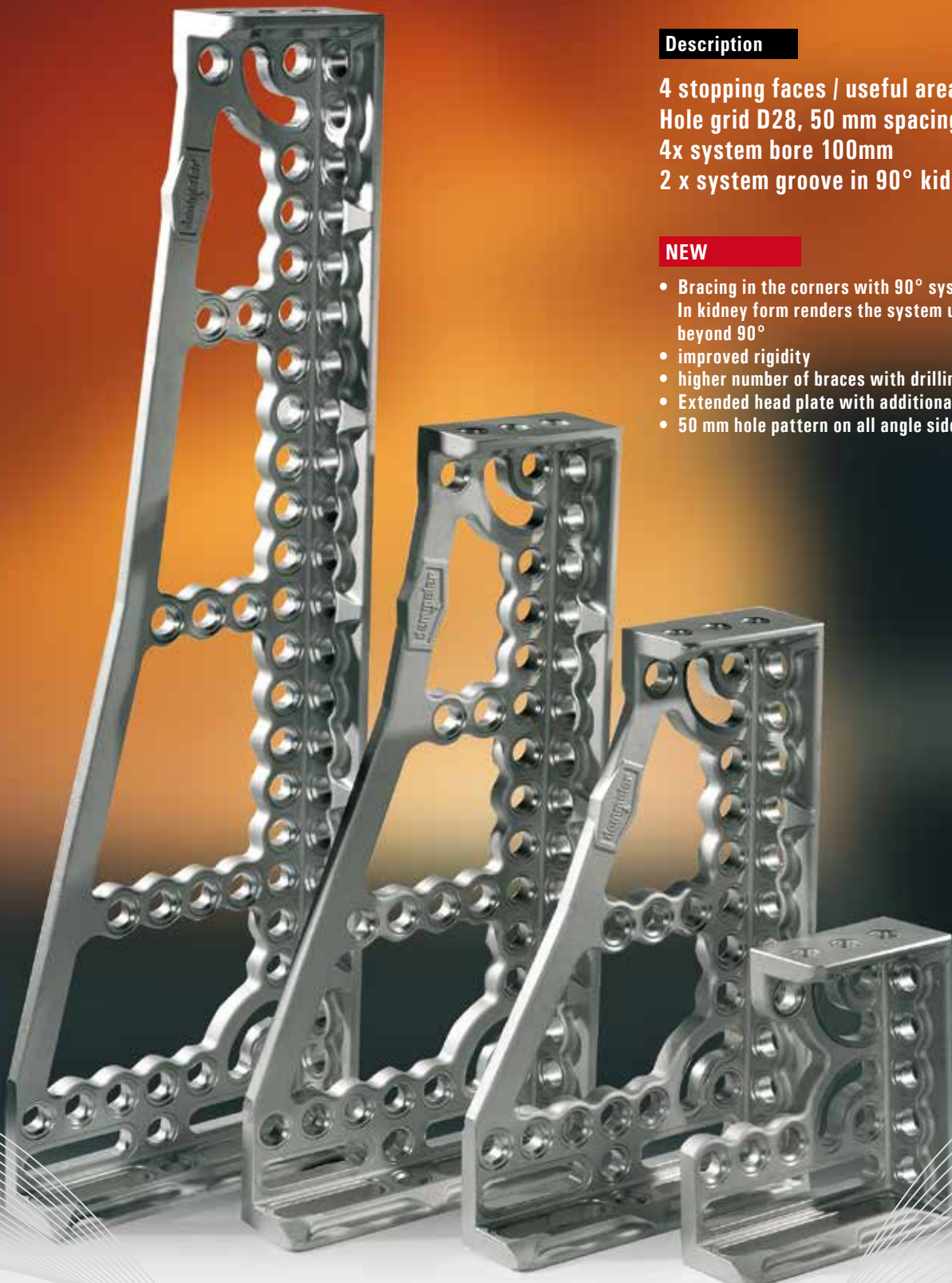
Hole grid D28, 50 mm spacing,

4x system bore 100mm

2 x system groove in 90° kidney form

NEW

- Bracing in the corners with 90° system groove
In kidney form renders the system useful for angles beyond 90°
- improved rigidity
- higher number of braces with drillings
- Extended head plate with additional drilling
- 50 mm hole pattern on all angle sides



P28-03009-000

P28-03004-000

P28-03003-002

P28-03002-002

1200 Profi Premium angle	Colour / surface	Colour / surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
	aluminium / titanium	silver / anodised	375	100	1200	180	14,9	right	P28-03009-000
	aluminium / titanium	silver / anodised	375	100	1200	180	14,9	left	P28-03009-001
800 Profi Premium angle	Materials	Colour / surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
	aluminium / titanium	silver / anodised	375	100	800	180	11,2	right	P28-03004-000
	aluminium / titanium	silver / anodised	375	100	800	180	11,2	left	P28-03004-001
600 Profi Premium angle	Materials	Colour / surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
	aluminium / titanium	silver / anodised	375	100	600	180	9,1	right	P28-03003-002
	aluminium / titanium	silver / anodised	375	100	600	180	9,1	left	P28-03003-003
300 Profi Premium angle	Materials	Colour / surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
	aluminium / titanium	silver / anodised	275	100	300	180	4,8	right	P28-03002-002
	aluminium / titanium	silver / anodised	275	100	300	180	4,8	left	P28-03002-003

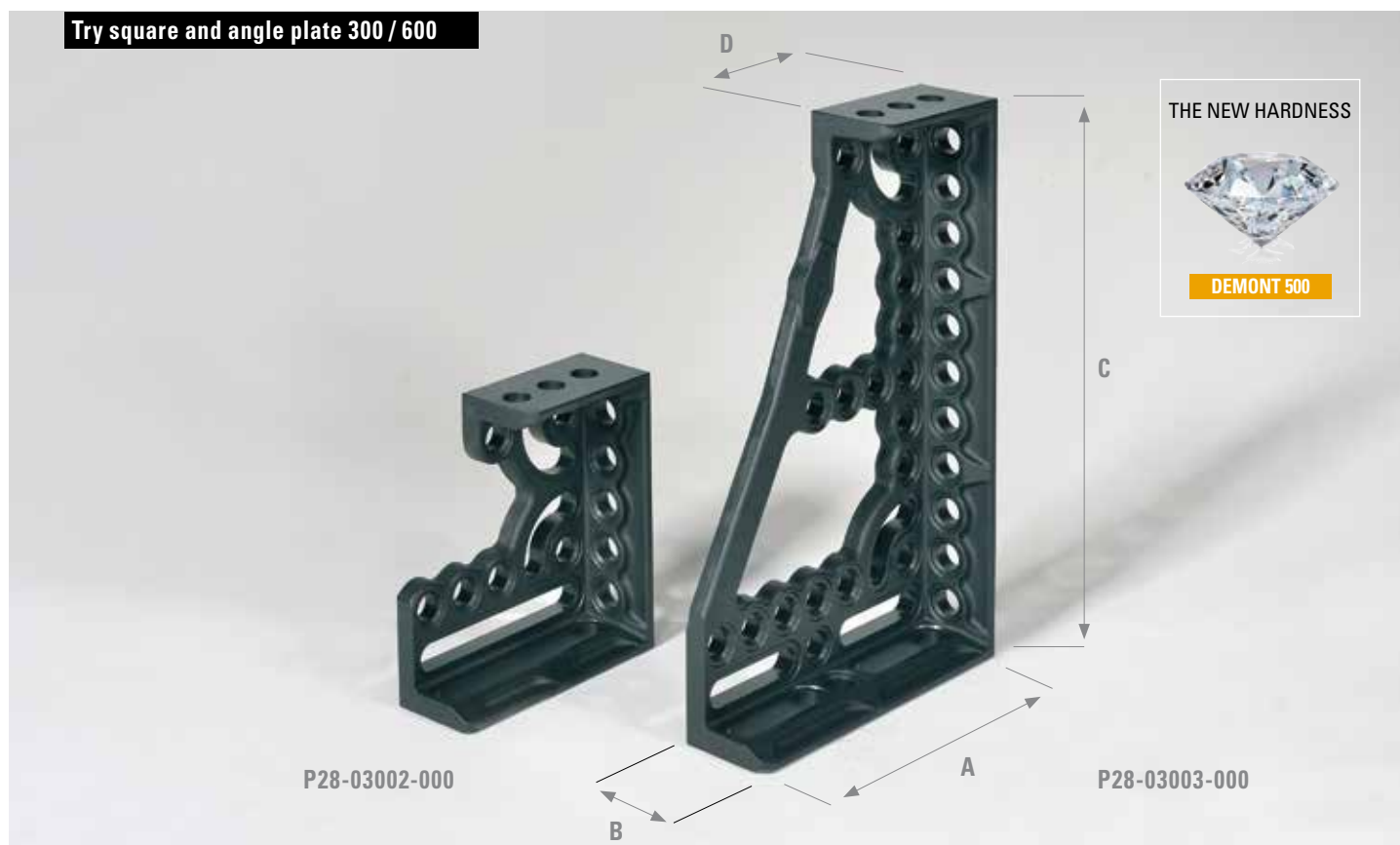


With state-of-the-art, finite-element calculation dimensioned for up to 40% increased rigidity.

PROFI PREMIUM CLAMPING AND ANGLE PLATE

High-quality cast - hardened Demont 500

Whether as a clamping, as a table extension or for holding winding work-pieces in position, also outside of 90°, the new angle generation Profi Premium, with its unique grooves in a 90° kidney-shape, greatly increases the possibilities for use. As a result, the stability of the new design has been increased, depending on load case, by up to 40%. The integrated system bores, in a 50-grid on all angle sides, together with the extended head plate, fulfil all of your wishes. High-quality cast in hardened execution, deliverable in Demont 500



Materials	Colour / Surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
high-quality cast	DEMONT 500, hardened	275	100	300	180	12,9	right	P28-03002-000
high-quality cast	DEMONT 500, hardened	275	100	300	180	12,9	left	P28-03002-001

Materials	Colour / Surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
high-quality cast	DEMONT 500, hardened	375	100	600	180	24,3	right	P28-03003-000
high-quality cast	DEMONT 500, hardened	375	100	600	180	24,3	left	P28-03003-001

The new angle generation with an unbelievable number of applications. Whether for use as a clamping or for holding winding work-pieces in position. With our combination of free angle setting, 15° steps, form-closed or as 90° stopper, the right solution is always available for you.

Bracket console

THE NEW HARDNESS



DEMONT 500



P28-05013-012

P28-05013-011

Materials	Colour / Surface	A in mm	B in mm	C in mm	approx. G in kg	Type	Artikel no
Steel	DEMONT 500, hardened	200	200	75	7,3	right	D28-05013-011
Steel	DEMONT 500, hardened	200	200	75	7,3	left	D28-05013-012

NEW

90° swivel range in a grid of 15° pegging positions, including dimensioning

CLAMPING AND ANGLE PLATE

Support and clamping frame, 4-sided

Extended head plate, two drillings in the head plate. Extended footplate with oblong bores 150 - thus movable on a 50 mm grid.

Clamping and angle plate



THE NEW HARDNESS



DEMONT 500

Double bore in 50 grid on head and base plate with 150-mm oblong hole. In this way, the clamping can be moved over the elongated hole without repegging being necessary. The double-sided fine dimensioning makes the setting much easier.

Materials	Colour / Surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Artikel no
Steel	DEMONT 500, hardened	175	50	200	125	2,9	D28-03001-015
Steel	DEMONT 500, hardened	175	50	300	125	3,6	D28-03001-016
Steel	DEMONT 500, hardened	225	50	200	125	3,1	D28-03001-018
Steel	DEMONT 500, hardened	225	50	300	125	3,8	D28-03001-017

Support and clamping frame

- Very light, only 3.1 kg
- Six sides processed
- Dimensioning



Surface and clamping frame in high-strength aluminium-titanium alloy, usable on four sides, six sides processed, with elongated hole in X-Y as well as grid drilling in X-Y direction. Extremely variable. The fine dimensioning on the X and Y axes fulfil all of your wishes.

- Bore grid 50
- System bore 100 / 200

Materials	Colour / Surface	A in mm	B in mm	C in mm	approx. G in kg	Artikel no
aluminium / titanium	silver anodised	300	200	75	3,1	D28-03005-014

The tried-and-tested clamping and angle plate newly deliverable in a hardened Demont 500 version.

Anschlag- und Spannwinkel



D28-03002-012

D28-03003-027

D28-03004-017

THE NEW HARDNESS

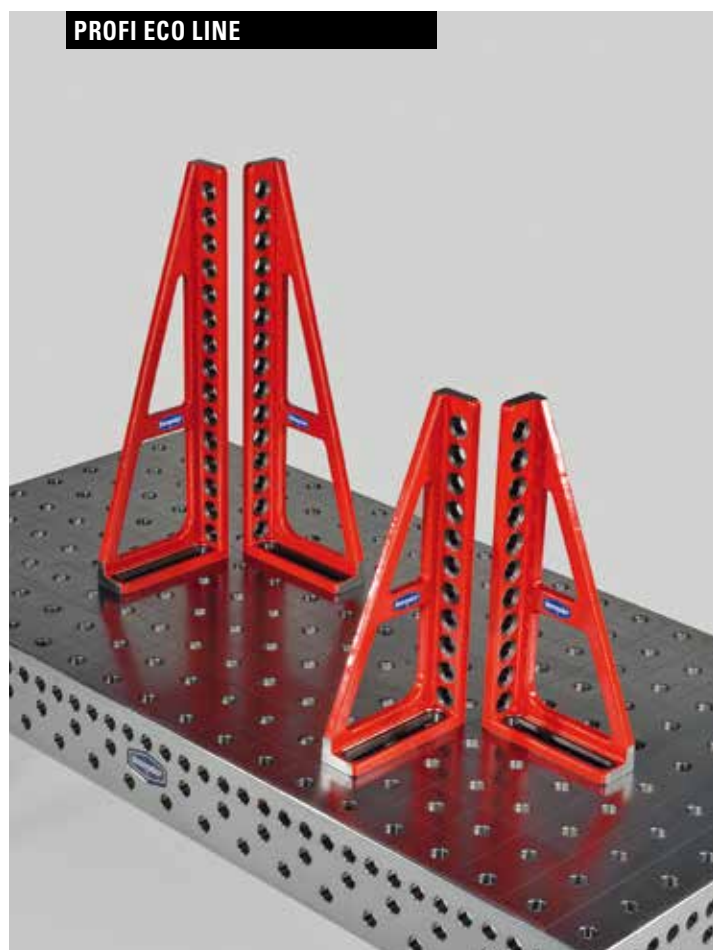


DEMONT 500

Materials	Colour / Surface	A in mm	B in mm	C in mm	D in mm	approx. G in kg	Type	Artikel no
high-quality cast	DEMONT 500, hardened	275	100	300	130	11,1	right	D28-03002-012
high-quality cast	DEMONT 500, hardened	275	100	300	130	11,1	left	D28-03002-013
high-quality cast	DEMONT 500, hardened	375	100	600	130	19,5	right	D28-03003-027
high-quality cast	DEMONT 500, hardened	375	100	600	130	19,5	left	D28-03003-028
high-quality cast	DEMONT 500, hardened	375	100	800	130	24,4	right	D28-03004-017
high-quality cast	DEMONT 500, hardened	375	100	800	130	24,4	left	D28-03004-018

Profi Eco Line

The Eco series. Reduced to the minimum and amazingly flexible. Due to the system bores in 50-grid and the three usable stop sides, designed for all normal clamping and clamping tasks and offering excellent value for money. The solution for all those who simply don't need any more.



Materials	Colour / Surface	A in mm	B in mm	C in mm	approx. G in kg	Description	Artikel no
high-quality cast	red / powder-coated	275	80	600	15	right	E28-03003-002
high-quality cast	red / powder-coated	275	80	600	15	left	E28-03003-003
high-quality cast	red / powder-coated	275	80	800	18,7	right	E28-03004-002
high-quality cast	red / powder-coated	275	80	800	18,7	left	E28-03004-003

NEW

Value for money execution, 3 contact surfaces.

Clamping and angle plate 2000



For very large and heavy applications, extremely stable execution with system bores on all sides in a double 100-grid.

Materials	Colour / Surface	A in mm	B in mm	C in mm	D in mm	approx. G	Type	Artikel no
Steel	yellow / painted	600	200	2000	200	272		D28-50099-008

PERFORMANCE CLAMP

A screw clamp for every angle with three interchangeable methods of operation

Performance screw clamps



Materials	Colour / surface	A in mm	B span in mm	C in mm	approx. G in kg	Description	Artikel no
Steel	Black corrosion-resistant finished	250	max. 100	250	2,1	PC with spindle	D28-07009-033
Steel	Black corrosion-resistant finished	250	max. 100	250	2,5	PC with short spindle	D28-07009-034
Steel	Black corrosion-resistant finished	250	max. 100	250	3	PC with quick-action clamping cylinder	D28-07009-035

NEW

Covers all functions of the screw clamps 45°, 90° and 180°. Can be continuously pivoted within a range of $\pm 50^\circ$ and continuously turned within a range of 360° . With three interchangeable methods of operation (spindle, short spindle and quick-clamping cylinder). Single or combinable with 90°.

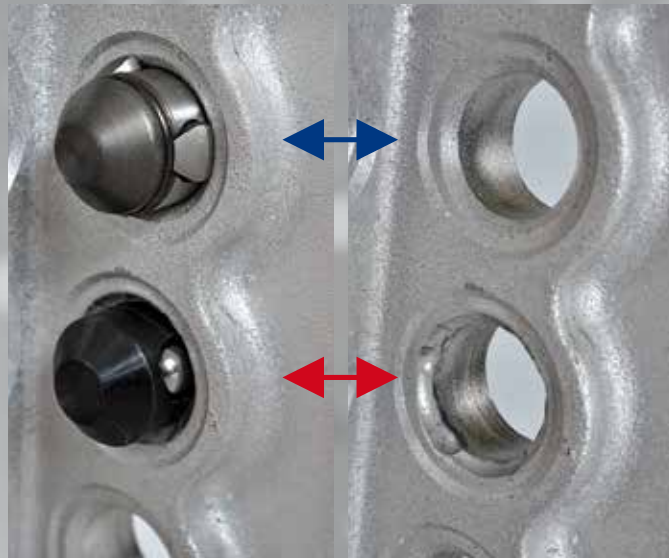


Cones instead of balls - more strength, less wear and tear



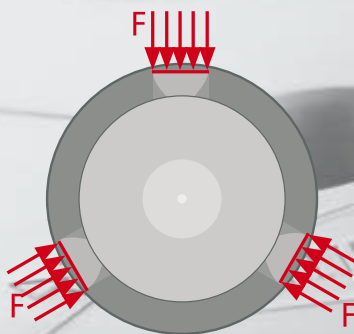
Patent rights
registered

Protect your aluminium-titanium clamping



The use of the PPS pin avoids serious damage to the drillings which can result from clamping bolts used in conjunction with aluminium angles.

Thanks to the new cone-shaped design-load-application system, the Demmeler PPS pin, a load surface is achieved which is 100 times larger. This results in a much higher design-load application and, as a result, more reliable affixing of the work-piece. In addition, the uniform distribution of the forces reduces the wear on the drillings, in comparison to conventional bolts.



PPS pin D28

Improves the positioning and protects the material: The patented PPS pin from Demmeler. It keeps our promise.

- Excellent tensioning strength for large span ranges
- Reduced surface load due to full surface action, force-closed, exactly self-centring
- Simple quick and safe use
- Polygon-shaped bracing elements
- Self-restricting
- Protects materials
- Low sensitivity to soiling
- High-strength, hardened and sanded



Now you can assemble without a speed limit.
The new cordless power screwdriver



Power screwdriver with quick-change coupling specially designed for the new PPS pin:
The DEMMELER-system-locking method between PPS bolts and impact wrenches makes the plugging and tightening, as well as the loosening and removing of bolts possible with only one hand. This way, you always have your second hand available



10 x faster

The set includes:

- 1x power screwdriver 1x charger, included and 2x Battery
- 1x round brush attachment $\varnothing 28$
- 1x twin quick-coupling
- 1x Socket adapter 14 SW at 13 SW
- 1x cleaning plate $\varnothing 115$
- 1x case
- only for PPS bolts D28-06025-000
- High-strength, hardened and sanded

A GOOD IDEA needs the right tool!

A product precision is determined by
the tool that made it.

**Trumpf GmbH + Co. KG is a leading high-technology company
specialising in manufacturing technology, laser technology and
medical technology.**

It creates innovative, quality products which enjoy an excellent
reputation worldwide. Among our customers are very well-known
companies from highly diverse sectors, ranging from the automo-
tive, aerospace and steel and sheet metal industries through to
orthopaedic and medical technology. Trumpf is not only a supplier
of finished products, but also a provider of solutions for made-to-
measure projects.

Precision is a characteristic shared by all Trumpf products.
For this reason, when manufacturing, Trumpf also relies on
Demmeler products. The tiniest measurement tolerances of the
Demmeler welding table, during its entire service life, as well as
the efficient manufacturing possibilities offered by the flexible
systems are a basic prerequisite for high-quality production at
competitive world-market conditions.



TruLaser Robot 5020



Demmeler's flexible system tables offer the leeway that innovative engineers love.

One of Trumpf's strengths is providing tailor-made solutions for individual needs. To do this, tools are needed which can be utilised flexibly and changed quickly. Demmeler's sophisticated technology and comprehensive accessories program, which is constantly being extended whilst maintaining compatibility with existing equipment, have made Demmeler welding tables an invaluable part of Trumpf's manufacturing operations. Additionally, the willingness of the Heimertinger engineers to contribute their knowledge and experience and offer their ideas, already at the planning and design stage, provides an inestimable competitive advantage.

Demmeler Ergonomix M in 2 | 4 | 8 Tonnes

Hardest work made simple. It's all about posture!

The good ergonomic design of workspace enables employees to work more efficiently and with less errors while protecting them from the consequences of bad posture, even during long-term tasks.

In this way, the "Demmeler Ergonomix M" offers improved quality in production. Several good reasons to recommend Demmeler manipulators.

Exact positioning

With the finely-adjustable actuators, you can position your work-piece in exactly the optimum position for you, in no time. Valuable time won whilst saving effort.

Unparalleled 180° swivelling range

Perfect posture with the full range of motion



It's all about posture!

An ergonomically designed workplace has many advantages: the workers are less subject to fatigue, which increases their concentration. The results: Significant increases in quality. Additionally, typical health problems are reduced or done away with completely, avoiding cost intensive absences and delays.



Relaxed assembly and efficient welding

Flexible positioning, efficient manufacture, ergonomic working. A welding joint can be drawn far more accurately in a relaxed posture. In addition, the optimum positioning of the work-piece makes for an ideal manufacturing process: no runs in the welding material.



Demmeler – our ideas - your benefits!



OUR PERFORMANCE
makes THE DIFFERENCE

**Made in Germany –
sold in 5 continents!**



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