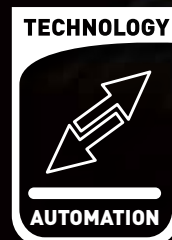
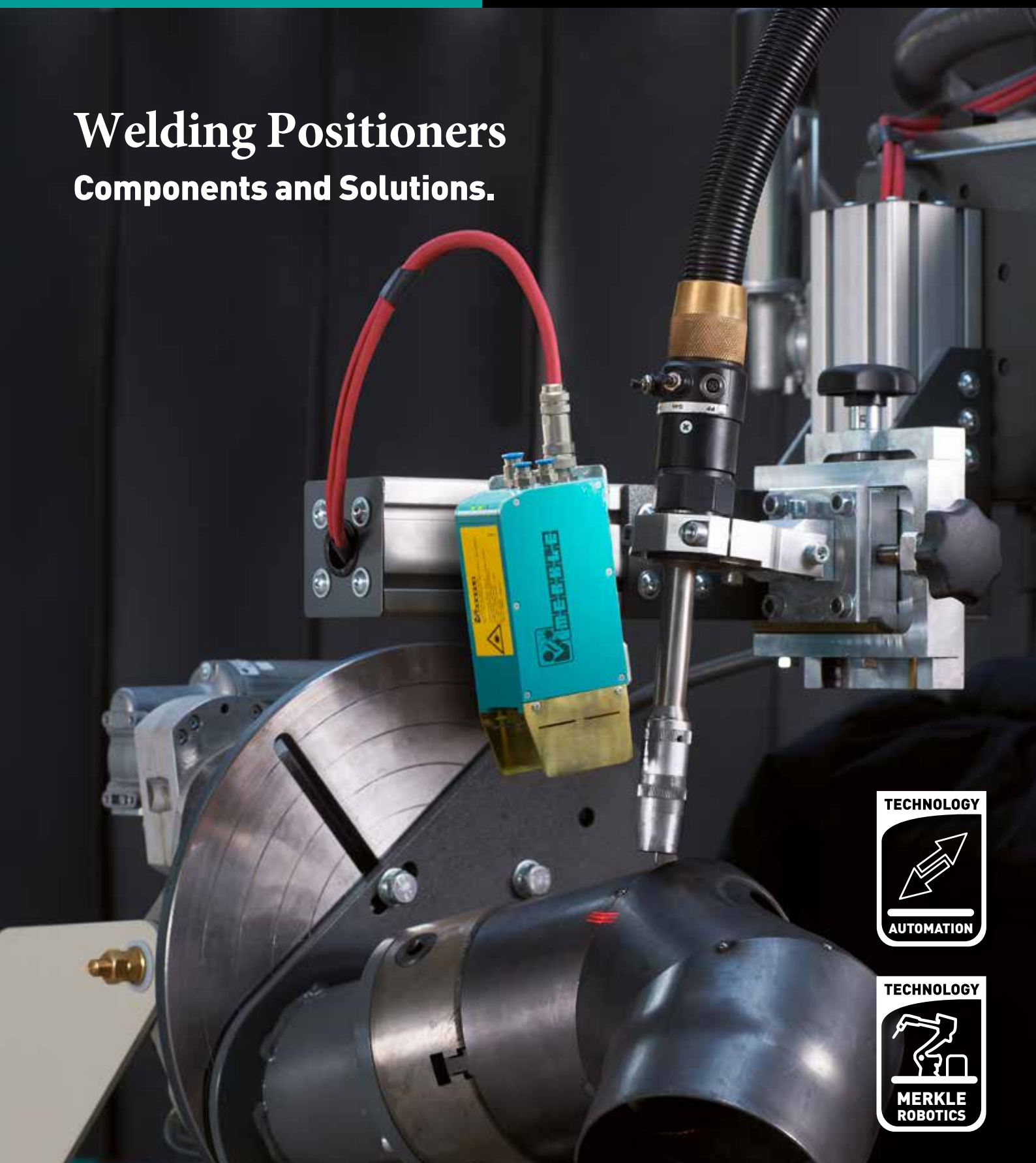




Welding Positioners Components and Solutions.



Circular welding units

Overview Welding Positioners	G-2
Welding Positioner D53 / 25 - D53 / 70 Table Height 320 mm and 800 mm	G-3
Welding Positioner D102 / D302 Table Height: 400 mm	G-6
Welding Positioner D102 / D302 Table Height: 750 mm	G-9
Welding Positioner D653 / D1003	G-12
Riegelsystem for The Welding Positioner D653 / D1003	G-14
Welding Positioner D5002	G-15
3 Jaw Chuck model ME-DBS	G-17

						
Series/model:	D53 / 25 D53 / 70	D102/60 D102/150	D 302/60 D 302/150	D 653	D1003 D1004	D 5002
Technical Data:						
Load Capacity (vertical)	50 kg/0,5 kN	100 kg/1,0 kN	100 kg/1,0 kN	650 kg/6,5 kN	1000 kg/10 kN	5000 kg/50 kN
Spindle RPM	0,25 – 2,5 min ⁻¹ <i>0,70 – 9,0 min⁻¹</i>	0,1 – 10 min ⁻¹	0,05 – 5 min ⁻¹	0,075 – 3,26 min ⁻¹	0,01 – 1,3 min ⁻¹	0,002 – 1,1 min ⁻¹
Torque	2,5 – 15 Nm <i>2,5 – 10 Nm</i>	15 – 50 Nm	30 – 100 Nm	700 Nm	1025 Nm	5000 Nm
Face Plate Diameter	250 mm	400 mm	400 mm	920 mm	920 mm	1000 mm
Table Height	320 mm 800 mm	400 mm 750 mm	400 mm 750 mm	970 mm	895 mm	1444 mm
Axle Height: Low High:	270 mm 750 mm	320 mm 670 mm	320 mm 670 mm	825 mm	736 mm	1275 mm
Spindle Bore	10 mm	60 mm	60 mm	47,5 mm	56 mm	60 mm
Large Bore Option		150 mm	150 mm			
Centralising Bore (Chuck or Jig Mount)	∅ 50H7 3mm deep	∅ 78H7 3 mm deep (60)	∅ 78H7 3 mm deep (60)	∅ 64H7 3 mm deep	∅ 64H7 3 mm deep	∅ 64H7 20 mm deep
(for D102/150 - D302/150)		∅154H7 25 mm deep (150)	∅154H7 25 mm deep (150)			
Tilting Angle- Face Plate	135°	135°	135°	135°	135°	135°
Tilting Operation	manual lockable	manual lockable and detents	manual lockable and detents	motor driven v = 4,4°/sec	motor driven v = 6,3°/sec	hydraulic
Tilting Moment	90Nm	130 Nm	130 Nm	1100 Nm	3000 Nm	31750 Nm
MAX Rotating Dia Low High	450 mm 1340 mm	490 mm 1160 mm	490 mm 1160 mm	1400 mm	1400 mm	2400 mm 2000 mm B.E.
Current Collector	400 A (34V) 80% ED	400 A (34V) 80% ED	400 A (34V) 80% ED	400 A	800 A	1200 A
Mains Voltage	230V / 240V	230V / 240V	230V / 240V	3x400V	3x400V	3x400V
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50/Hz	50/Hz	50/Hz
Mains connection cable	3x2,5 mm ² , 5 m with Schuko plug	3x2,5 mm ² , 5 m with Schuko plug	3x2,5 mm ² , 5 m with Schuko plug	5x2,5mm ² , 5m with CEE-Plug 16 A	5x2,5mm ² , 5m with CEE-Plug 16 A	5x4mm ² , 5m with CEE-Plug 32 A
Interface for external operation	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote
Speed Control Range	1:10	1:100	1:100	1:43,5	1:130	1:550
Limit switch overlap 360° + overlap length	no	Option	Option	Option	Option	Option
Weight Low High	33 kg 44 kg	55 kg 65 kg	56 kg 66 kg	420 kg	550 kg	2200 kg

Welding Positioner D53 / 25 - D53 / 70
Table Height 320 mm and 800 mm



Dia. G - 1

The series D53/25 and D53/70 are welding positioners for welding with electrodes, MIG, MAG-TIG, Plasma and Plasma cutting.

The two devices /25, /70 differ only in their RPM range (see technical data)

The face plate has a diameter of 250 mm and can be tilted to any angle within the 135° range.

As standard, the turntables come delivered with a 10mm spindle bore. The spindle bore can be used when clamping long material in the chuck or jig, or for routing supply lines for compressed air/cooling fluid or for the supply of purging gas to the welding job. The face plate centralising bore has a Dia of 50mm and is used for centralising jigs or chucks when mounting to the face plate.

The Rotation speed is steplessly adjustable. The drive is supplied by a 24 V DC-motor with worm gear.

The control electronics are installed in a closed protective housing. The operating elements are arranged clearly visible on the front panel.

Speed controller and motor are electrically isolated from the mains and supplied with 24 V via a transformer.

The current collector is insulated and can be loaded with maximum of 400 A/34 V at 80% duty cycle.

Controller Functions

- Main Switch: Controller on/off
- Push Button: Rotation on/off
- Button: Rotation left / right
- Potentiometer: RPM
- Coding Switch: 2 stroke/4 stroke
- Plug (10 pin): Foot Switch, Remote switch or remote control

Turntable D53/25-320 (Table Height 320 mm)
part no. 157.184

Turntable D53/25-800 (Table Height 800 mm)
part no. 157.188

Turntable D53/70-320 (Table Height 320 mm)
part no. 157.186

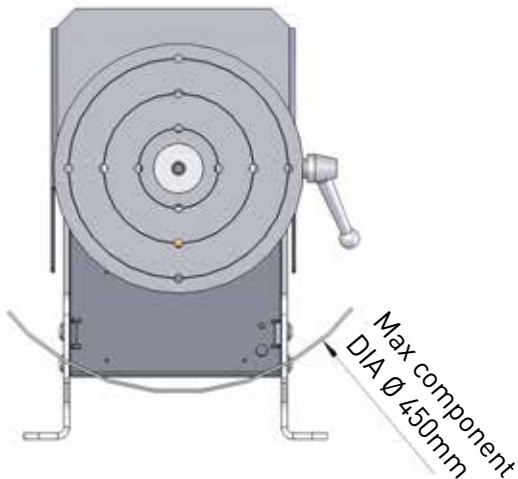
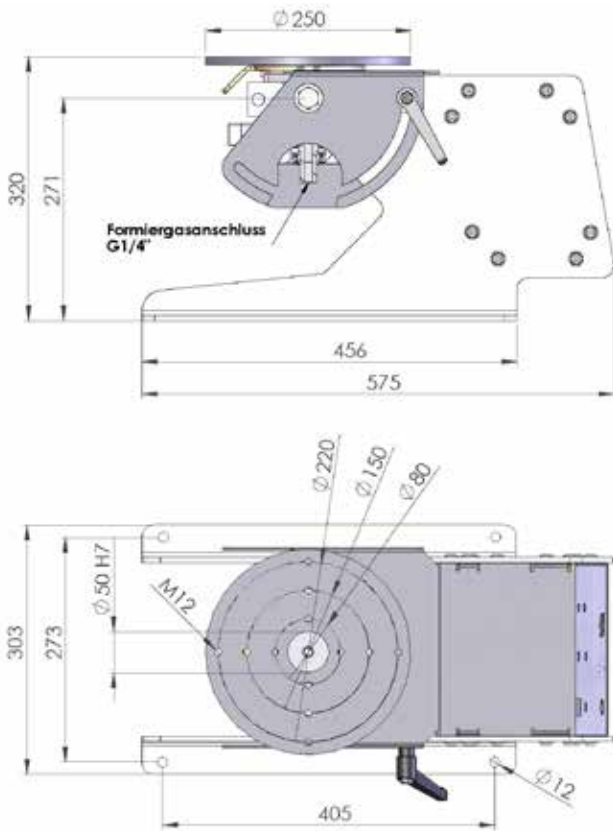
Turntable D53/70-800 (Table Height 800 mm)
part no. 157.190

Technical Details:	D53/25	D53/70
Load Capacity (vertical)	0,5 kN	0,5 kN
RPM	0,25 – 2,5 min-1	0,70 - 9 min-1
with Option Tachogenerator		
Torque	2,5 - 15 Nm	2,5 - 10 Nm
Face Plate Diameter	250 mm	250 mm
Table Height	320 mm 800 mm	320 mm 800 mm
Axle Height:	low: 270 mm high: 750 mm	270 mm 750 mm
Spindle Bore	10 mm	10 mm
Centralising Holes (Chuck or Jig Mounting)	∅ 50H7 3mm deep	∅ 50H7 3mm deep
Tilting Angle- Face Plate	135°	135°
Tilting Operation	manual lockable	manual lockable
Tilting Moment	90Nm	90 Nm
MAX Rotating Dia	Low 450 mm High 1340 mm	450 mm 1340 mm
Current Collector	400A (34V)	80% ED
Mains Voltage	230V / 240V	230V / 240V
Frequency	50 / 60Hz	50 / 60Hz
Mains connection cable	3x2,5 mm ² , 5 m with Schuko plug	3x2,5 mm ² , 5 m with Schuko plug
Interface for external operation	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote
Speed Control Range	1:10	1:10
with Option Tachogenerator		
Limit switch overlap 360° + overlap length	no	no
Weight	33 kg 44 kg	33 kg 44 kg



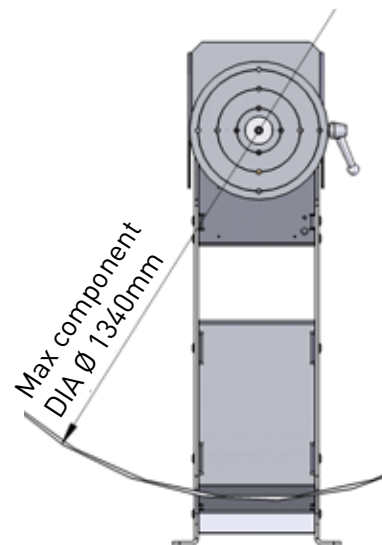
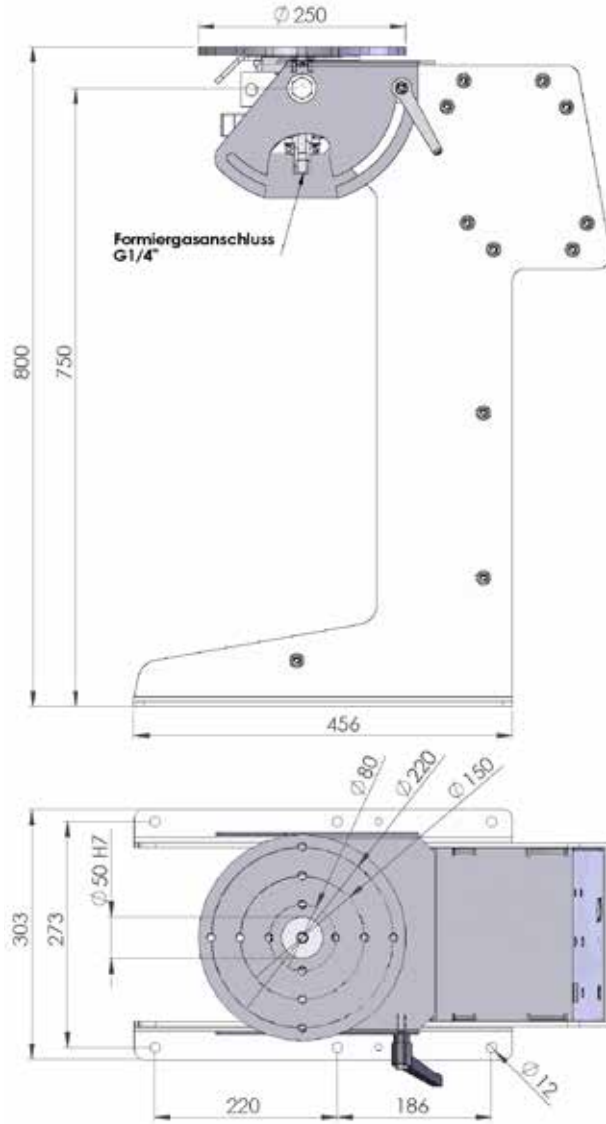
Welding Positioner D53/25 - D53/70
Table Height 320 mm and 800 mm

Dimensions D53 TH 320mm



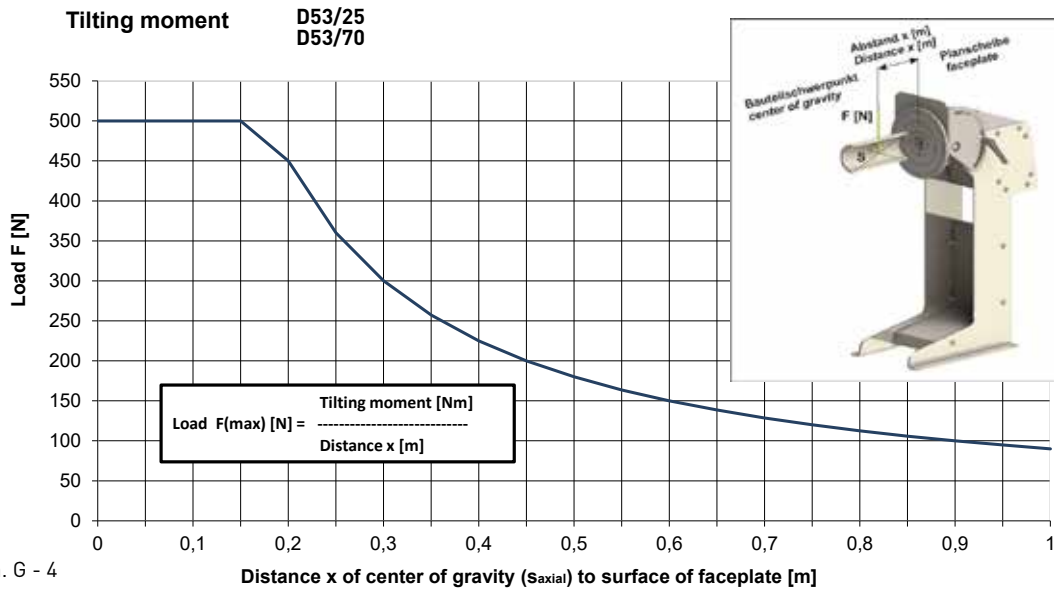
Dia. G - 2

Dimensions D53 TH 800mm

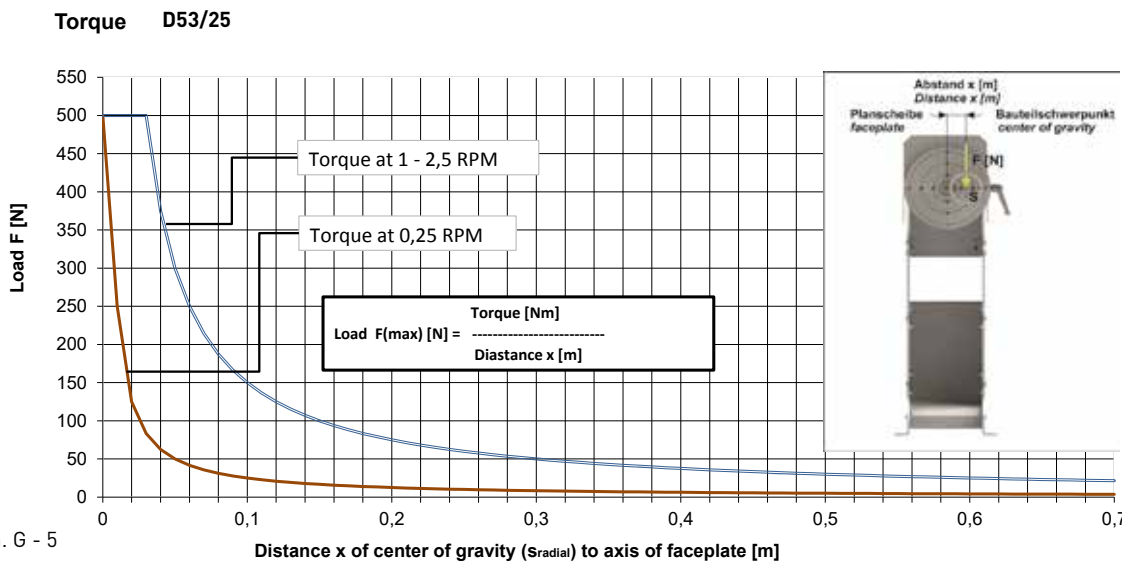


Dia. G - 3

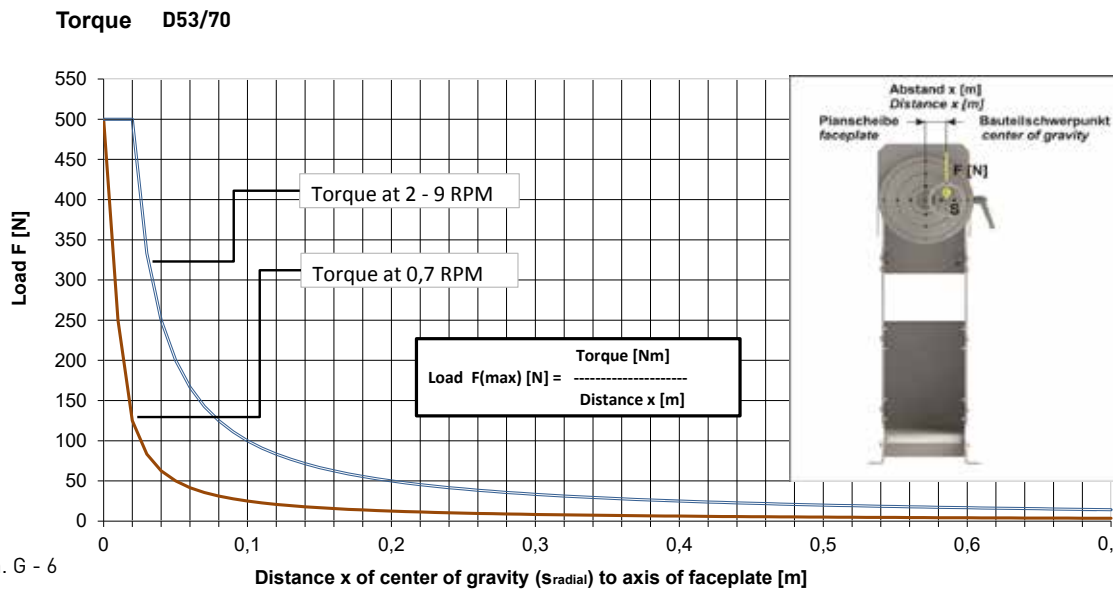
Welding Positioner D53/25 - D53/70
Table Height 320 mm and 800 mm



Dia. G - 4



Dia. G - 5



Dia. G - 6

Welding Positioner D102 / D302
Table Height: 400 mm



Dia. G - 7

Technical Details:	D 102/60-400 D 102/150-400	D 302/60-400 D 302/150-400
Load Capacity (vertical)	100 kg/1,0 kN	100 kg/1,0 kN
RPM	0,1 - 10 min ⁻¹	0,05 - 5 min ⁻¹
Torque	15 - 50 Nm	30 - 100 Nm
Face Plate Dia	400 mm	400 mm
Groove - Face Plate (only spindle bore 60mm)	14 mm for M12	14 mm for M12
Table Height	400 mm	400 mm
Axle Height	320 mm	320 mm
Spindle Bore	60 mm 150 mm	60 mm 150 mm
Centralising Bore (Chuck or Jig Mount)	ø 78H7 3mm deep (60) ø 154H7 25mm deep (150)	ø 78H7 3mm deep (60) ø 154H7 25mm deep (150)
Tilting Angle Face Plate	135°	135°
Tilting Movement	manual lockable and detents engagement	manual lockable and detents engagement
Tilting Moment	130 Nm	130 Nm
Max Dia - ø	490 mm	490 mm
Current Collector	400A (34V) 80% ED	400A (34V) 80% ED
Mains Voltage	230V / 240V	230V / 240V
Frequency	50 / 60Hz	50 / 60Hz
Mains connection cable	3x2,5 mm ² , 5 m with Schuko plug	3x2,5 mm ² , 5 m with Schuko plug
Interface for external operation	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote
Speed range	1:100	1:100
Limit switch overlap 360° + overlap length	Option	Option
Weight	65 kg	66 kg

The series **model D 102 and D 302** are welding positioners for welding with electrode, MIG-MAG TIG and Plasma as well as Plasma cutting. The two devices differ in torque and RPM range (see technical data).

The face plate has a diameter of 400 mm and can be locked by a lever, and tilted to any angle within the 135° range.

As standard, the turntables come delivered with a 60mm spindle bore with the option to increase this to 150mm. The spindle bore can be used when clamping long material in the chuck or jig, or for routing supply lines for compressed air/cooling fluid or for the supply of purging gas to the welding job. The face plate centralising bore has a Dia of 78mm (154mm with 150mm spindle bore) and is used for centralising jigs or chucks when mounting to the face plate.

The Rotation speed is steplessly adjustable. The drive is supplied by a 24 V DC-motor with worm gear. The welding positioners are equipped with a tachogen which ensure a constant RPM irrespective of loads subjected to the drive motor.

The control electronics are installed in a closed protective housing. The operating elements are arranged clearly visible on the front plate. The speed controller is electrically isolated from the mains and supplied with a voltage of 42 V.

The current collector is insulated and can be loaded with maximum of 400 A/34 V at 80% duty cycle.

Spindle bore 60 mm:

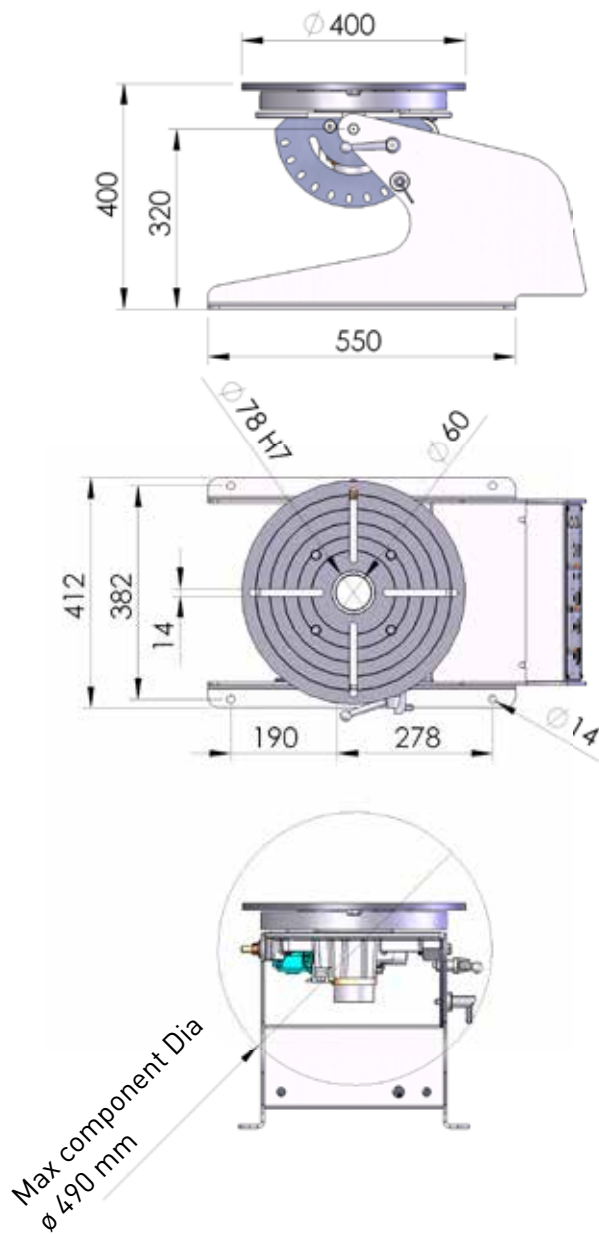
Welding positioner D 102/60-400
(table height 400 mm)
Article no. 117.766

Welding positioner D 302/60-400
(table height 400 mm)
Article no. 117.768

Spindle bore 150 mm:

Welding positioner D 102/150-400
(table height 400 mm)
part no. 117.770

Welding positioner D 302/150-400
(table height 400 mm)
part no. 117.772

Dimensions D 102 / 302 - 60


Dia. G - 8

Optional Extras
Option: End Switch Overlap Facility

The advantage of this facility is that at the end of the overlap phase in automatic mode, the face plate automatically returns to the 360° position.

End Switch Overlap Facility

- for Turntables with Spindle Bore 60mm
part no. 116.912

- for Turntables with Spindle Bore 150mm
part no. 130.912

Option: D102 / D302:

optional left & right Programmsequence
Art.Nr. 141.798

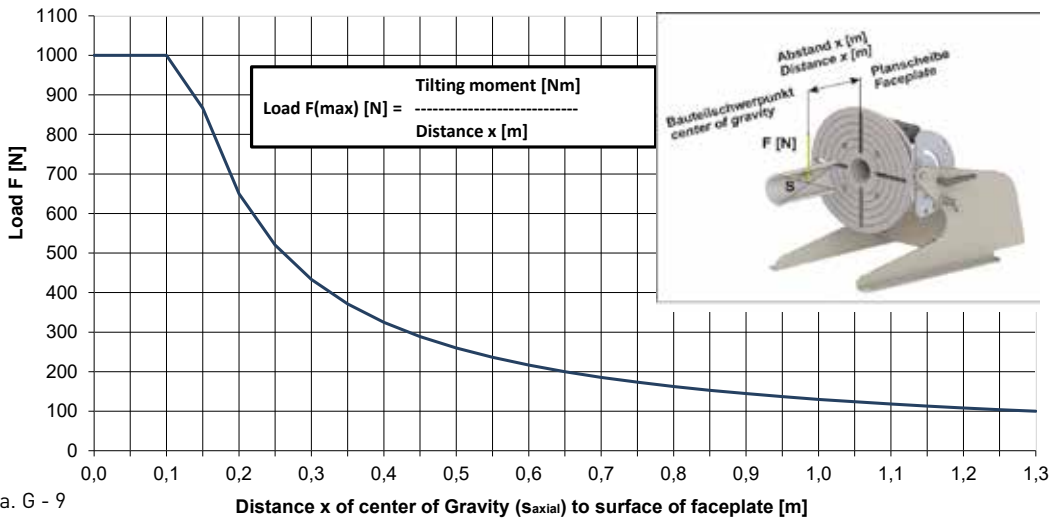
Option: Current Collector

the collector can be loaded with maximum of 860A/34V at 80% duty cycle attention:

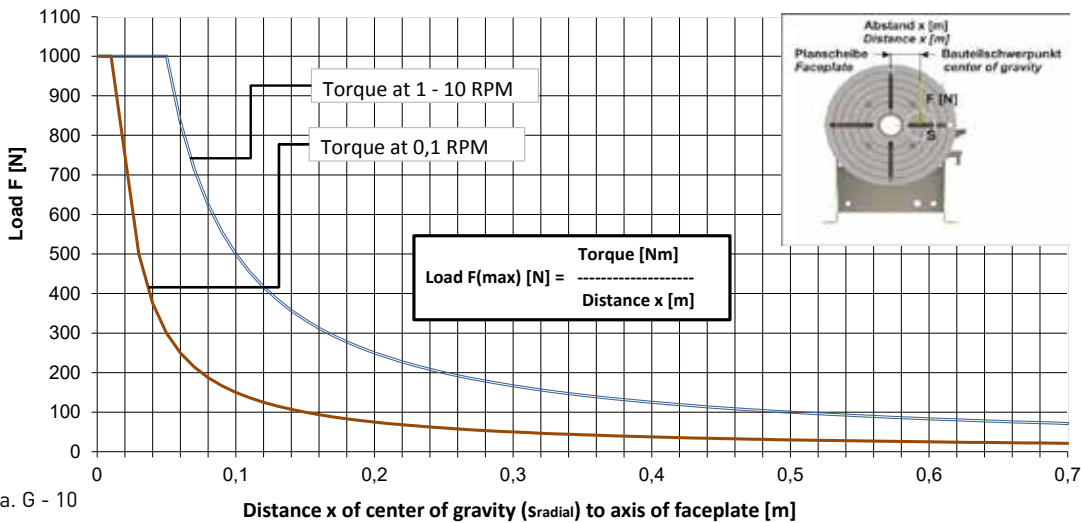
- only for D102/302 with spindle bore $\varnothing 60$ mm
- this reduces the spindle bore to $\varnothing 50$ mm

Art.Nr.135.550
Controller and Functions

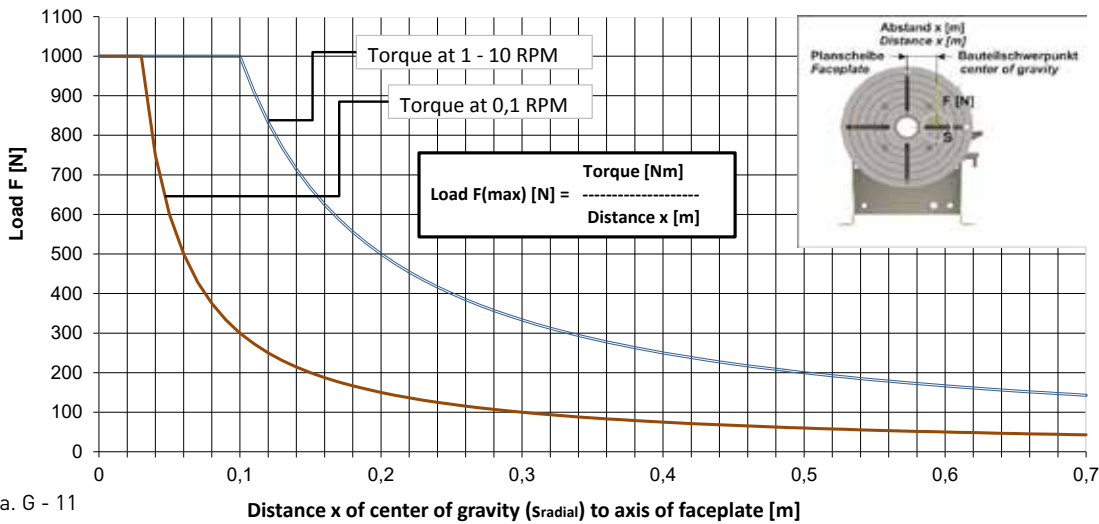
Main Switch:	Controller on/off
Control Lamp:	Controller on/off
Potentiometer:	RPM
Button:	Face plate left/right
	Foot switch on/off
	Foot remote on/off
Plug (10 pin):	Foot switch
	Remote control

**Welding Positioner D102 / D302
Table Height: 400 mm**
Tilting moment D102/60 - D102/150
 D302/60 - D302/150


Dia. G - 9

Torque D102/60 - D102/150


Dia. G - 10

Torque D302/60 - D302/150


Dia. G - 11



Dia. G - 12

The product series model D 102 and D 302 are welding positioners for welding with electrode, MIG-MAG TIG and Plasma as well as Plasma cutting. The two devices differ in torque and RPM range (see technical data).

The face plate has a diameter of 400 mm and can be locked by a lever, and tilted to any angle within the 135° range.

As standard, the turntables come delivered with a 60mm spindle bore with the option to increase this to 150mm. The spindle bore can be used when clamping long material in the chuck or jig, or for routing supply lines for compressed air/cooling fluid or for the supply of purging gas to the welding job. The face plate centralising bore has a Dia of 78mm (154mm with 150mm spindle bore) and is used for centralising jigs or chucks when mounting to the face plate.

The Rotation speed is steplessly adjustable. The drive is supplied by a 24 V DC-motor with worm gear. The welding positioners are equipped with a Tacho Gen which ensure a constant RPM irrespective of loads subjected to the drive motor.

The control electronics are installed in a closed protective housing. The operating elements are arranged clearly visible on the front plate. The Speed controller is electrically isolated from the mains and supplied with a voltage of 42 V.

The current collector is insulated and can be loaded with maximum of 400 A/34 V at 80% duty cycle.

Technical Details:	D 102/60-750 D 102/150-750	D 302/60-750 D 302/150-750
Load Capacity (vertical)	100 kg/1,0 kN	100 kg/1,0 kN
RPM	0,1 - 10 min ⁻¹	0,05 - 5 min ⁻¹
Torque	15 - 50 Nm	30 - 100 Nm
Face Plate Dia	400 mm	400 mm
Groove - Face Plate (only spindle bore 60mm)	14 mm for M12	14 mm for M12
Table Height	750 mm	750 mm
Axle Height	670 mm	670 mm
Spindle Bore	60 mm 150 mm	60 mm 150 mm
Centralising Bore (Chuck or Jig Mount)	∅ 78H7 3mm deep (60) ∅ 154H7 25mm deep (150)	∅ 78H7 3mm deep (60) ∅ 154H7 25mm deep (150)
Tilting Angle Face Plate	135°	135°
Tilting Movement	manual lockable and detents engagement	manual lockable and detents engagement
Tilting Moment	130 Nm	130 Nm
Max Dia - ∅	1160 mm	1160 mm
Current Collector	400A (34V) 80% ED	400A (34V) 80% ED
Mains Voltage	230V / 240V	230V / 240V
Frequency	50 / 60Hz	50 / 60Hz
Mains connection cable	3x2,5 mm ² , 5 m with Schuko plug	3x2,5 mm ² , 5 m with Schuko plug
Interface for external operation	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote
Speed range	1:100	1:100
Limit switch overlap 360° + overlap length	Option	Option
Weight	65 kg	66 kg

Spindle Bore 60 mm:

Welding positioner D 102/60-750
(table height 750 mm)
part no. 116.738

Welding positioner D 302/60-750
(table height 750 mm)
part no. 116.746

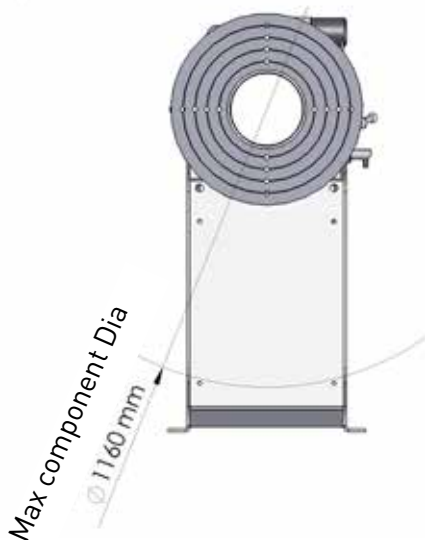
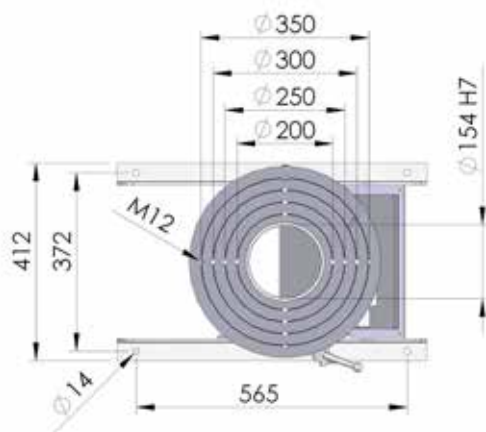
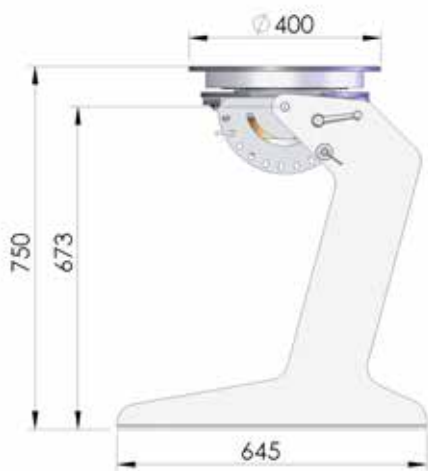
Spindle Bore 150 mm:

Welding positioner D 102/150-750
(table height 750 mm)
part no. 116.734

Welding positioner D 302/150-750
(table height 750 mm)
part no. 116.742

Welding Positioner D102 / D302
Table Height: 750 mm

Dimensions D 302 - 150



Optional Extras

Option: **End Switch Overlap Facility**

The advantage of this facility is that at the end of the overlap phase in automatic mode, the face plate automatically returns to the 360° position.

End Switch Overlap Facility

- for Turntables with Spindle Bore 60mm
part no. 116.912

- for Turntables with Spindle Bore 150mm
part no. 130.912

Option: **D102 / D302:**

optional left & right Programmsequence
Art.Nr. 141.798

Option: **Current Collector**

the collector can be loaded with maximum of 860A/34V at 80% duty cycle
attention:

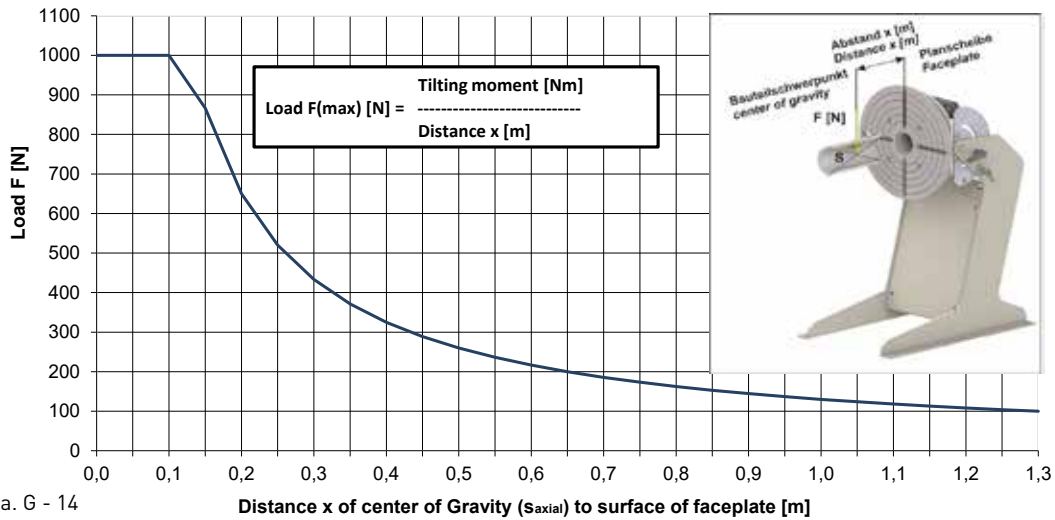
- only for D102/302 with spindle bore Ø60mm
- this reduces the spindle bore to Ø50mm

Art.Nr.135.550

Controller and Functions

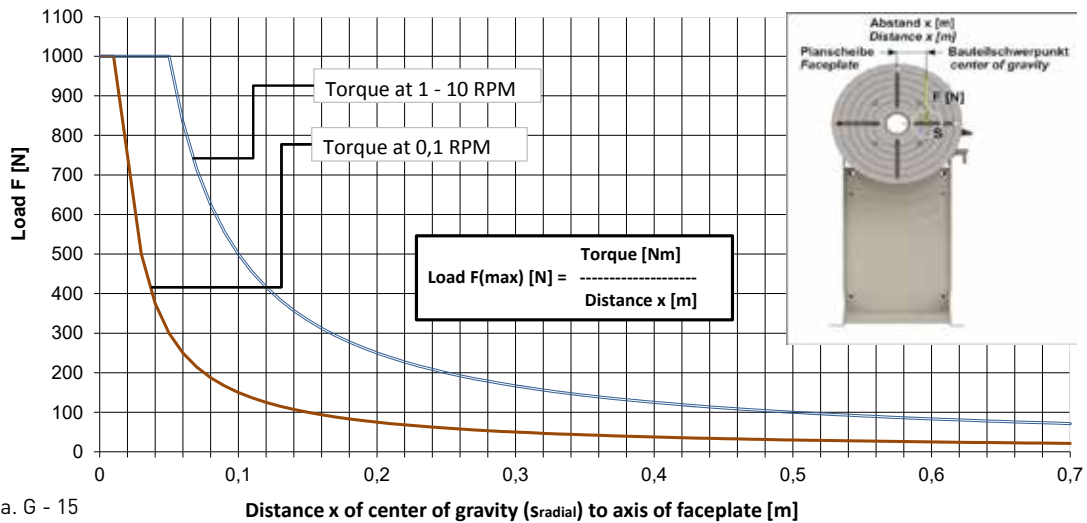
Main Switch:	Controller on/off
Control Lamp:	Controller on/off
Potentiometer:	RPM
Button:	Face plate left/right
	Foot switch on/off
	Foot remote on/off
Plug (10 pin):	Foot switch
	Remote control

Tilting moment **D102/60 - D102/150**
D302/60 - D302/150



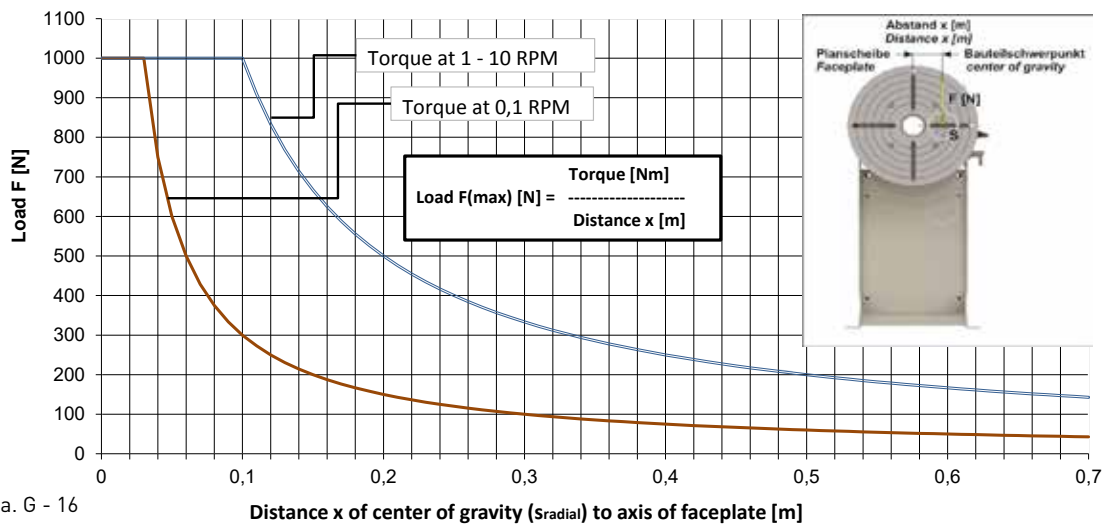
Dia. G - 14

Torque **D102/60 - D102/150**



Dia. G - 15

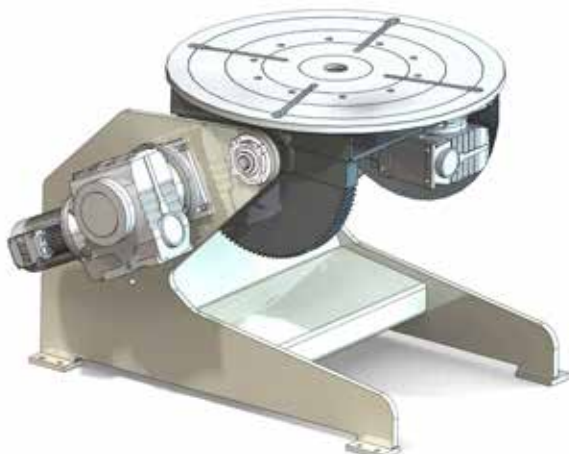
Torque **D302/60 - D302/150**



Dia. G - 16



Welding Positioner D653 / D1003



Dia. G - 17

The Turntables, model D 653 and model D 1003 are used for welding with electrode, MIG-MAG, TIG and Plasma as well as Plasma cutting.

The face plate has a diameter of 920 mm and can be pivoted from the horizontal to the vertical position using the integrated motor with worm drive gearbox (limit switches for horizontal and vertical position are installed).

The Spindle Bore has an internal diameter of 47,5 mm (D653) or 56 mm (D1003). The spindle bore can be used when clamping long material in the chuck or jig, or for routing supply lines for compressed air/cooling fluid or for the supply of purging gas to the welding job.

The face plate Centralising Bore (Chuck or Jig Mount) has a Dia of 64 mm and is used for centralising jigs or chucks when mounting to the face plate.

The Rotation speed is steplessly adjustable. The current collector is insulated and can be loaded with maximum current of 400 / 800 A.

The control electronics are mounted in a cabinet on the turntable frame. Due to using frequency variation technology, the three phase motor is constantly adjustable within the range 1:43,5 / 1:40.

The functions on/off, left/right and emergency stop can be controlled over an external remote.

Turntable model D 653
part no. 121.070

Turntable model D 1003
part no. 119.142

Option: End Switch Overlap Facility

The advantage of this facility is that at the end of the overlap phase in automatic mode, the face plate automatically returns to the 360° position.

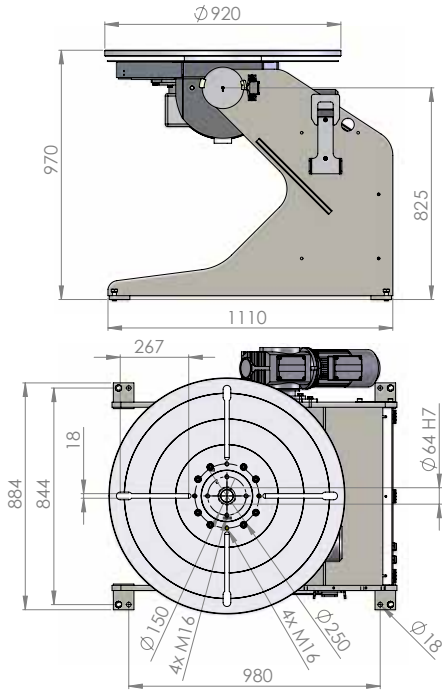
Turntable model D 653 with
End Switch Overlap Facility
part no. 121.071

Turntable model D 1003 / D 1004 with
End Switch Overlap Facility
part no. 119.143

Option D653 / D1003:
optional left & right Programmsequence
Art.Nr. 141.799

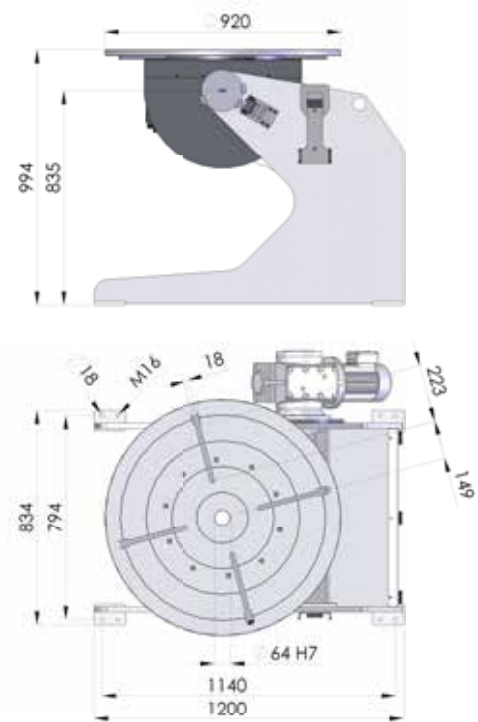
Technical Details:	D 653	D 1003
Article Nr	121.070	119.142
Load Capacity [vertical]	650 kg / 6,5 kN	1000 kg / 10kN
RPM	0,075 - 3,26 min ⁻¹	0,01 - 1,3 min ⁻¹
Torque	700 Nm	1025 Nm
Face Plate Dia	920 mm	920 mm
Groove - Face Plate	18 mm for M16	18 mm for M16
Table Height	970 mm	994 mm
Axle Height	825 mm	835 mm
Spindle Bore	47,5 mm	56 mm
Centralising Bore (Chuck or Jig Mount)	ø 64 H7 3mm deep	ø 64 H7 3mm deep
Tilting Angle Face Plate	135°	135°
Tilting Movement	motor driven	motor driven
Tilting Moment	1100 Nm	3000 Nm
Tilt Speed	4,4 °/sec	6,3 °/sec
MAX Rotating Dia	1400 mm	1400 mm
Current Collector	400 A	800 A
Mains Voltage	3 x 400 V	3 x 400 V
Frequency	50 / 60Hz	50 / 60Hz
Mains connection cable	5x2,5 mm ² , 5 m with CEE-Plug	5x2,5 mm ² , 5 m with CEE-Plug
Interface for external operation	Foot Switch, Hand and Foot Remote	Foot Switch, Hand and Foot Remote
Speed Range	1:43,5	1:130
Limit switch overlap 360° + overlap length	Option	Option
Weight	420 kg	550 kg

Dimensions D 653

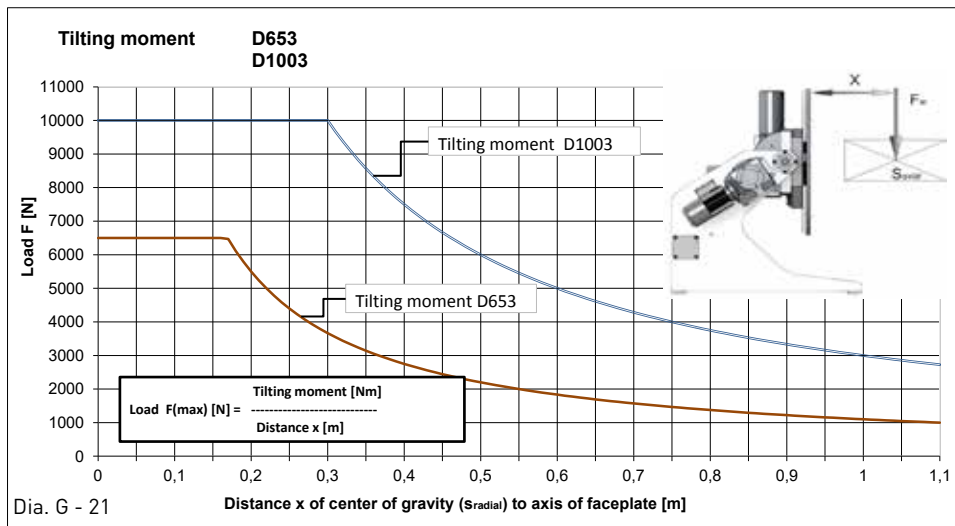
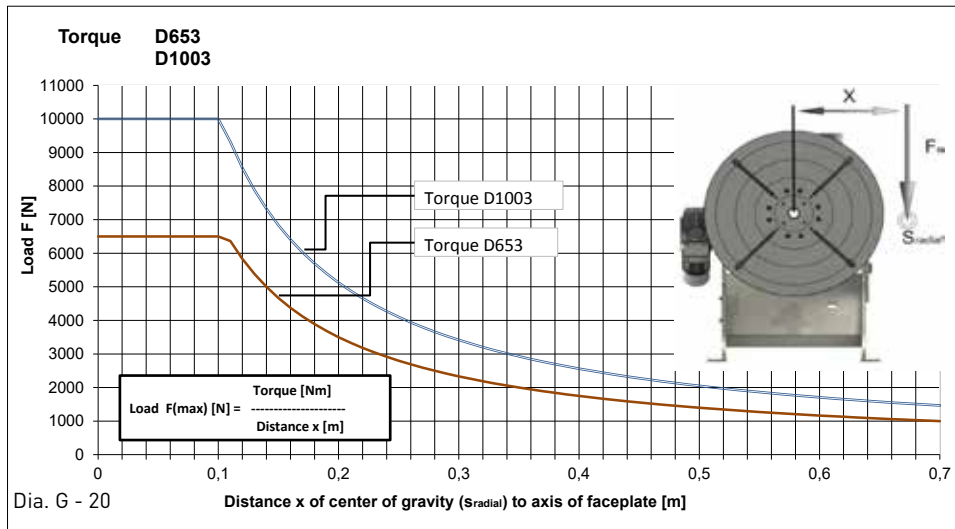


Dia. G - 18

Dimensions D 1003



Dia. G - 19

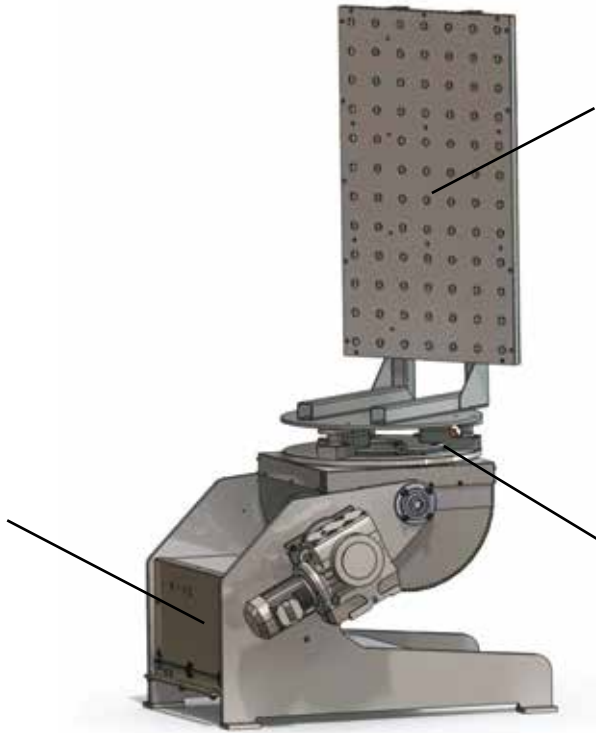


A
B
C
D
E
F
G
H
I
J
K
L



Riegelsystem for The Welding Positioner D653 / D1003

Turntable D 1004
part no. 122.124



Clamping table outrigger for Quick Fit Latching System D1004
part no. 122.230

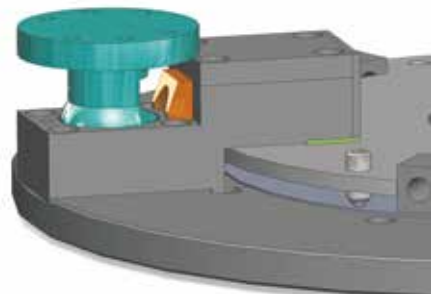
Face Plate with Quick Fit Latching System
Patent-Nr. DE202009012300U1
part no. 122.102

Dia. G - 22

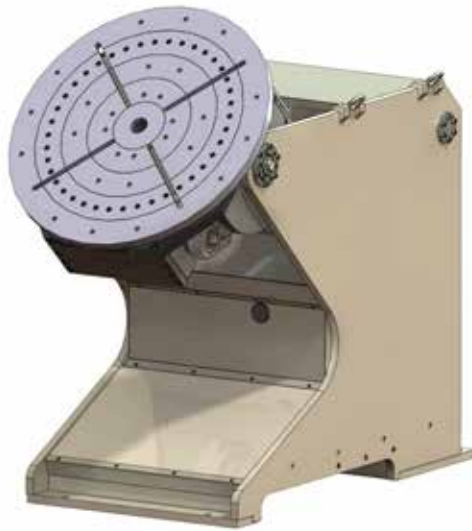
New in the model D653/D1003 series turntables is an exchangeable face plate equipped with our patented Quick Fit Latching System. With the Quick Fit Latching system, the face plate is quickly removed and replaced whilst maintaining 100% concentricity. This allows you to use a single turntable for different tasks involving various face plates, jig or chuck combinations (welding, cutting, spot welding, mounting work etc) whilst keeping change over times to a minimum.



Dia. G - 23



Dia. G - 24



Dia. G - 25

Bauserie / model	D5002
Technical Details:	
Load Capacity (vertical)	5000 kg / 50 kN
RPM	0,002 - 1,1 min-1
Torque	5000 Nm
Face Plate Dia	1000 mm
Groove - Face Plate	18 mm for M16
Table Height	1444 mm
Axle Height	1275 mm
Spindle Bore	60 mm
Centralising Bore (Chuck or Jig Mount)	ø 64H7 20 mm deep
Tilting Angle - Face Plate	135°
Tilting Movement	Hydraulic
Tilting Moment	31750 Nm
MAX Rotating Dia (without base extension)	2400 mm
MAX Rotating Dia (with base extension)	2000 mm
Current Collector	1200 A
Mains Voltage	3x400V
Frequency	50/Hz
Mains connection cable	5x4mm ² , 5m with CEE-Plug 32 A
Interface for external operation	Foot Switch, Hand and Foot Remote
Speed Control Range	1:550
Limit switch overlap 360° + overlap length	Option
Weight	approx 2200 kg

The Turntable, **model D5002** is used for welding with electrode, MIG-MAG, TIG and Plasma as well as Plasma cutting.

The face plate has a diameter of 1000mm and can be hydraulically pivoted from the vertical to horizontal position.

The Spindle Bore has an internal diameter of 60mm. The spindle bore can be used when clamping long material in the chuck or jig, or for routing supply lines for compressed air/cooling fluid or for the supply of purging gas to the welding job.

The face plate centralising bore (chuck or jig Mount) has a Dia of 64 mm and is used for centralising jigs or chucks when mounting to the face plate.

The Rotation speed is steplessly adjustable. The current collector is insulated and can be loaded with maximum current of 1200A.

The control electronics are mounted in a cabinet on the turntable frame. Due to using frequency variation technology, the three phase servo motor is constantly adjustable within the range 1:550.

The functions on/off, left/right and emergency stop can be controlled over an external remote.

Turntable model D5002
(without End Switch Overlap Facility)
part no. 137.748

Turntable model D5002
(with End Switch Overlap Facility)
part no. 137.749
Options D 5002

Option: End Switch Overlap Facility

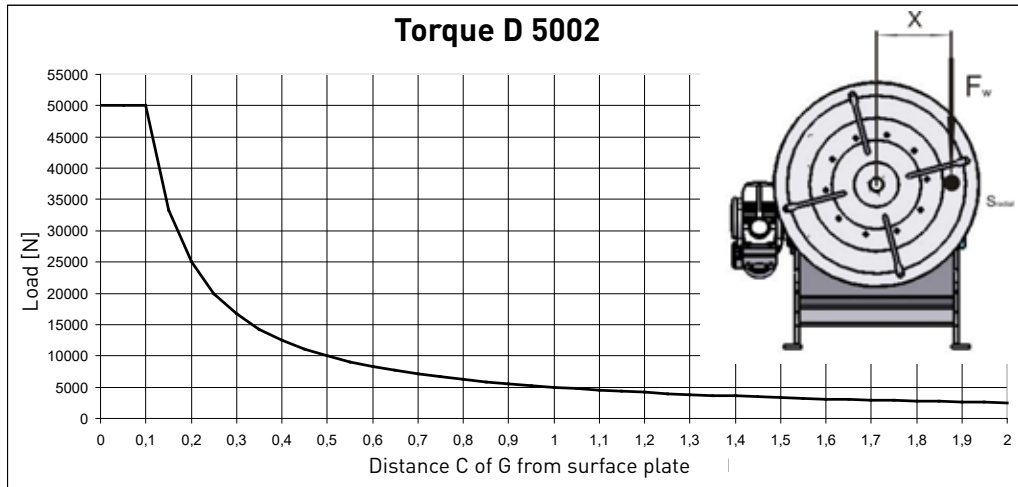
The advantage of this facility is that at the end of the overlap phase in automatic mode, the face plate automatically returns to the 360° position.

End Switch Overlap Facility D5002
part no. 126.242

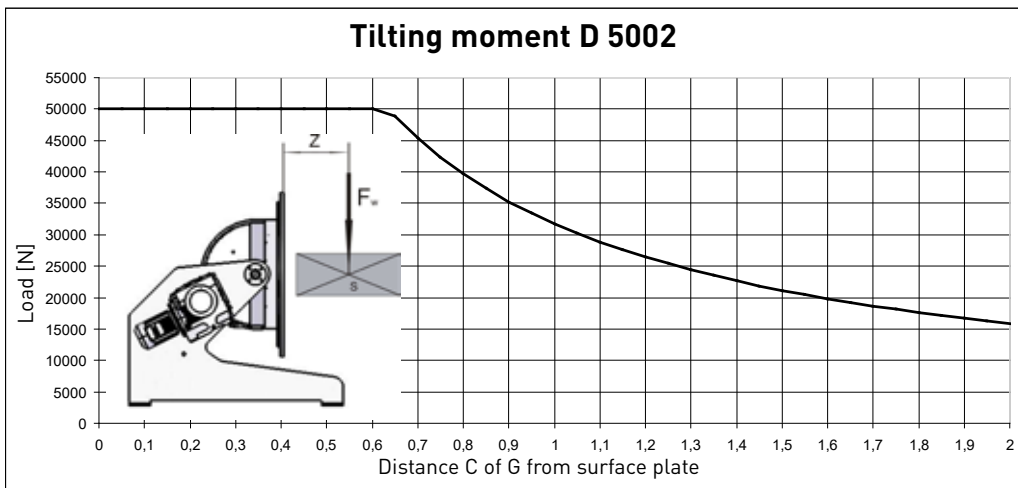
Option: Base extension

Base extension D 5002
part no. 133.530



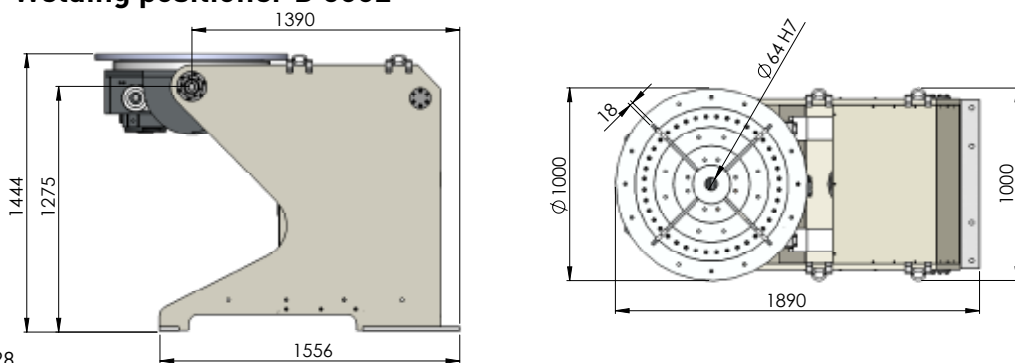


Dia. G - 26



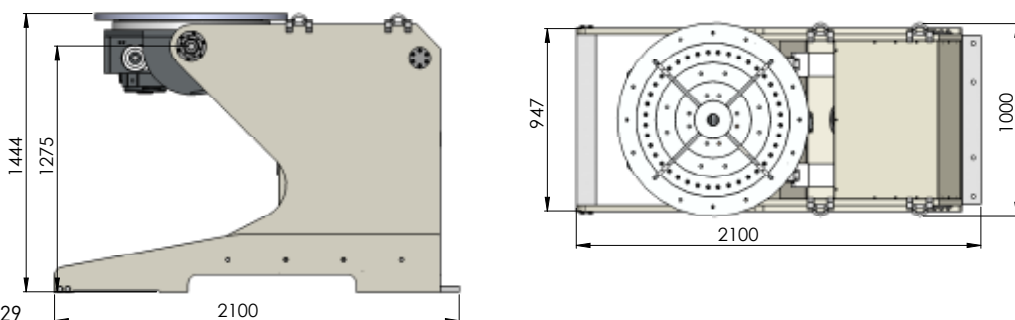
Dia. G - 27

Welding positioner D 5002

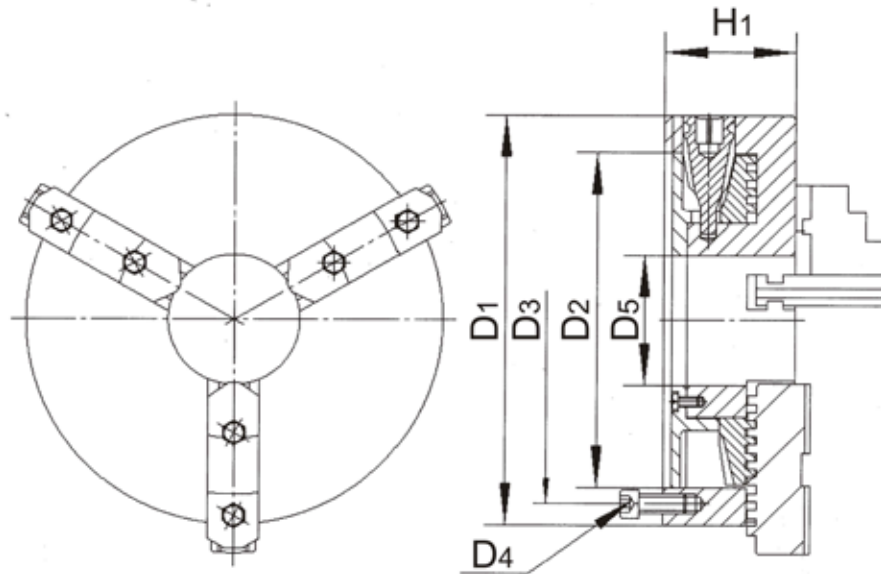


Dia. G - 28

Welding positioner D 5002 with base extension



Dia. G - 29



Dia. G - 30

Dimensions:		ME-DBS-125	ME-DBS-160	ME-DBS-200	ME-DBS-250	ME-DBS-315	ME-DBS-400
D1 (mm)		125	160	200	250	315	400
D2 (mm)		95	130	165	206	260	340
D3 (mm)		108	142	180	226	285	368
D4		3 x M8	3 x M8	3 x M10	3 x M12	3 x M16	3 x M16
D5 (mm)		30	45	65	80	100	130
H1 (mm)		78	95	109	120	154	202
Work Piece \varnothing (mm)	min	3	4	4	6	8	14
	max	135	175	230	290	360°	460
Spindle Bore (mm)		30	40	65	80	100	138
Clamping force (Nm)	max		160	250	320	400	500
Weight (kg)		4,6	9	15,3	26,5	42,7	71
Article-Nr.:		113.050	113.052	113.054	113.056	113.058	113.060
Pr. Gr.:		05	05	05	05	05	05

All chucks have a cylindrical central mounting face to DIN 6350 standards. Included with every chuck is a set of internal and external clamping jaws

For mounting Chucks to face plates, various mounting flanges are available.

Mounting Flange Options:

Combination: Turntables - Chucks

Chucks:	ME-DBS-125	ME-DBS-160	ME-DBS-200	ME-DBS-250	ME-DBS-315	ME-DBS-400
for D 53	117.028	117.038	-	-	-	-
for D 101-301/60 for D 102-302/60	-	129.212	117.074	117.076	-	-
for D 101-301/150 for D 102-302/150	-	129.214	117.082	117.084	-	-
for D 653 for D 1003 for D 5002	-	-	-	-	125.184	125.610