

DUMETA®

High quality positioning equipment

Welding rotators

Rubber rollers (steel frame), self-aligning

D-HGZ

The D-HGZ series of self-aligning welding rotators are designed so that the rollers automatically align to fit different workpiece diameters. All four axes of the drive unit are motorized to ensure smooth rotation and even weight distribution. This pressure distribution offers a special advantage when working with thin-walled workpieces because it reduces the chance of workpiece distortion.

Due to the rubber rollers with steel frame, the D-HGZ welding rotators are also suitable for components exceeding a temperature of 90 °.

D-HGZ rotators can be supplied with a capacity from 5.000 kg up to 500 tonnes. We also provide D-HGZ welding rotators that are custom made according to your specific requirements.

Features

- Rubber rollers with steel frame
- Self-aligns to workpieces of different diameters
- High-quality electronic components from Schneider/Siemens/Delta
- Stepless adjustable speed
- Excellent pressure distribution (4 rollers /machine) which leads to less distortion of the workpiece
- The strong and durable construction creates very high stability
- CE marking
- Incl. remote control and double foot pedal
- 3-year warranty (see warranty conditions)



D-HGZ-5



D-HGZ-5

Optional

- Foot pedal for adjustable speed
- Radio remote control
- Mechanical adjustment for railways

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D-HGZ-5

Technical specifications

Model	D-HGZ-5	D-HGZ-10	D-HGZ-20	D-HGZ-40	D-HGZ-60	D-HGZ-80	D-HGZ-100	D-HGZ-150
Max. rotating capacity drive unit (kg)	5.000	10.000	20.000	40.000	60.000	80.000	100.000	150.000
Max. load capacity drive unit (kg)	2.500	5.000	10.000	20.000	30.000	40.000	50.000	75.000
Max. load capacity idler (kg)	2.500	5.000	10.000	20.000	30.000	40.000	50.000	75.000
Rollers Ø x Br. (mm)	250 x 140	300 x 170	350 x 180	400 x 200	450 x 220	450 x 230	500 x 280	500 x 300
Rotation speed (mm/min)	100 - 1.000	100 - 1.000	100 - 1.000	100 - 1.000	100 - 1.000	100 - 1.000	100 - 1.000	100 - 1.000
Workpiece (Ø mm)	250 - 2.500	320 - 3.200	500 - 3.800	600 - 4.500	750 - 5.000	850 - 5.500	1.000 - 6.300	1.000 - 6.300
Motor Power (kW)	0,75	1,1	1,5	3	5	7,5	7,5	10
Max. workpiece temperature (°C)	150	150	150	150	150	150	150	150
Power supply	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ	400V, 50/60HZ
Double foot pedal (start-stop/left-right)	Included	Included	Included	Included	Included	Included	Included	Included
Remote control (by wire)	Included	Included	Included	Included	Included	Included	Included	Included

All information is subject to printing-, type errors and modifications.