

DUMETA®

High quality positioning equipment

Welding rotators

Polyurethane rollers, self-aligning

D-TLRS

The self-aligning welding rotators of the D-TLRS-series adjust automatically to different workpiece diameters. All four axes of the drive unit are motorized and ensure smooth rotation as well as excellent pressure distribution, which counteracts deformation of the workpiece. Therefore, these rotators are especially suitable for thin-walled workpieces. Due to the PU rollers, the D-TLRS welding rotators are suitable for sensitive components such as stainless steel containers. However, they should only be used for components that do not exceed a temperature of 90 °. For hotter components we recommend our D-HGZ-series with rubber wheels (similar design as D-TLRS-series).

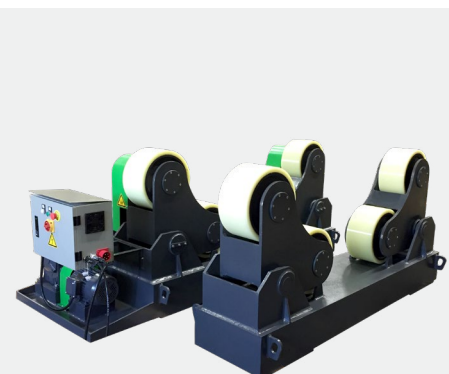
D-TLRS rotators can be supplied with a capacity from 5.000 kg up to 500 tonnes.
We also provide D-TLRS welding rotators that are custom made according to your specific requirements.

Features

- Rollers equipped with solid polyurethane rollers
- PU-rollers applicable for max. 90°C
- 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
- Remote control (by wire) and double foot pedal
- 3-year warranty (see warranty conditions)



D-TLRS-40



D-TLRS-40

Optional

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

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Technical specifications

Model	D-TLRS-5	D-TLRS-10	D-TLRS-20	D-TLRS-40	D-TLRS-60	D-TLRS-80	D-TLRS-100	D-TLRS-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 W (mm)	250 x 140	300 x 170	350 x 180	400 x 200	450 x 220	450 x 230	500 x 280	500 x 500
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	2 x 2.2	2 x 3	2 x 3	2 x 4
Max. workpiece temperature (°C)	90	90	90	90	90	90	90	90
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.