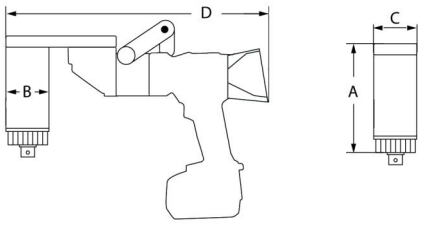
Battery Angle Series MAD 90° Offset

The battery-operated torque wrench of the MAD 90° Offset series is ideal for applications where bolts are hard to reach. The pre-tightening torque can be adjusted over the entire torque range for the angle of rotation method.



- Torque/angle controlled tightening, also in CCW direction
- Angular gear as offset for hard-to-reach places
- Torque range 600-4.000 Nm
- Repeatability ±2,8 %
- Brushless electric motor
- Automatic load release
- Integrated bolt position lighting
- Password protected access levels
- Menu language selectable
- Saved presets
- Field calibration
- Bolt counter
- Limit value monitoring
- Release torque displayed
- Smart meter for life and maintenance cycle





Type	Drive size	Torque [Nm]		RPM [min^{-1}]	Weight [kg]	Dimensions [mm]			
		min.	max.			A	B	C	D
MAD 14-90° Offset	¾“	140	1.400	8,4	5,3	127	63	63	365
MAD 20-90° Offset	1"	200	2.000	4,5	5,8	139	69	69	365
MAD 40-90° Offset	1"	600	4.000	1,7	11,5**	175 /	81	81	370

* With special socket wrench size 60 mm.

M-PT Matjeschk-PowerTools GmbH & Co. KG
Am Sägewerk 11
01920 Ralbitz-Rosenthal

Telefon: 035796/9760
E-Mail: mail@m-pt.de

OPTIONS

- Torque check program (except torque wrenches with 2 speeds)
- Documentation system
- Software integration into workerguidance systems PG(CSP), BoltPilot®, ProTight™, and others
- Li-HD battery with 8.0 Ah

ACCESSORIES

Tool handle



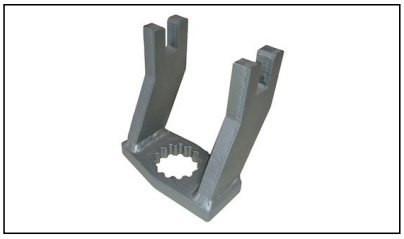
Barcode scanner



Offset gearbox



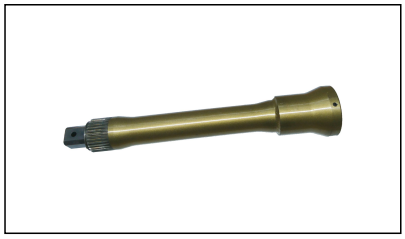
Special reaction arm



Double safety trigger



Nose extension



SCOPE OF DELIVERY

- Battery-operated torque wrench MAD 90° Offset
- Reaction arm with two retaining rings
- Two Lithium-ion batteries with 5,2 Ah/18 V
- Battery charger
- Calibration certificate
- Operation manual
- Tool case

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