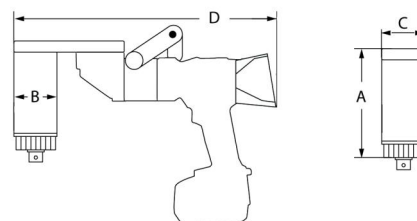


Battery Angle Series MAD 90° Offset

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 $\pm 2,8\%$
- 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 40-90° Offset	1"	600	4.000	1,7	11,5**	175 /	81	81	370

* With special socket wrench size 60 mm.

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