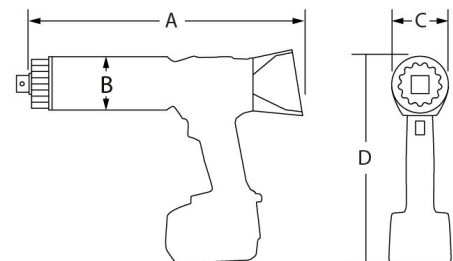


Battery Sensor-Controlled Series MAD-S

Our new battery-powered torque wrench MAD-S has a built-in torque sensor and shuts-off precisely by this sensor. Thereby the tool is insensitive to environment influences, such as friction, temperature or joint hardness. A very important safety feature is the shutdown according to torque/angle, also in counter-clockwise rotation. With this torquing tool one can tighten bolts by category A according to VDI/VDE 2862-2. Due to the brushless electric motor, the lifetime of the tool is increased.



- Sensor-controlled controlled tightening, also in CCW direction
- Torque range 70-7.000 Nm
- Total accuracy of $\pm 1,0\%$
- Torque Check Function
- Documentation System
- 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 7-S	3/4"	70	700	21	4,3*	311	63	71	257
MAD 14-S	3/4"	140	1.400	10	4,3*	311	63	71	257
MAD 20-S	1"	200	2.000	6	4,9*	321	69	70	254
MAD 40-S	1"	400	4.000	3	7,2**	337	81	81	257
MAD 70-S	1 1/2"	700	7.000	2	9,8**	362	95	95	267

OPTIONS

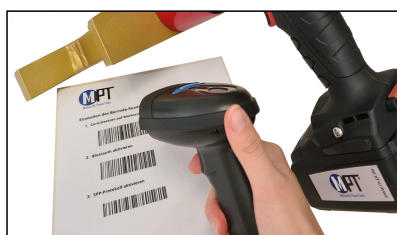
- Software integration into workerguidance systems PG(CSP), BoltPilot®, ProTight™, and others
- Li-HD battery with 8.0 Ah

ACCESSORIES

Tool handle



Barcode scanner



Offset gearbox



Special reaction arm



Double safety trigger



SCOPE OF DELIVERY

- Battery operated torque wrench MAD-S
- Reaction arm with two retaining rings
- Two Lithium-ion batteries with 5,2 Ah/18 V
- Battery charger
- Torque Check Function
- Documentation System
- Calibration certificate
- Operation manual
- Tool case