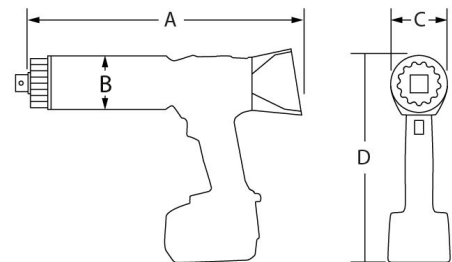


Battery Series MAD

The battery-operated torque wrench of the MAD series can be used for almost all bolting applications. With a repeatability of $\pm 2,8\%$ and a torque range of 30-7.000 Nm, the MAD is suitable for many applications. The torque can be set digitally by a membrane key control. A very important safety feature is the shutdown according to torque / angle - also in counter-clockwise rotation. Gearbox damages are reduced thereby.



- Torque/angle controlled tightening, also in CCW direction
- Torque range 30-7.000 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 3	1/2" & 3/4"	30	300	32 (47)	3,2*	258	63	69	262
MAD 7	3/4"	70	700	21	3,5*	261	63	69	262
MAD 14	3/4"	140	1.400	10	3,5*	261	63	69	262
MAD 14A	3/4"	280	1.400	71	4,3*	309	63	69	262
MAD 20	1"	200	2.000	6	4,0*	274	69	69	262
MAD 20A	1"	200	2.000	19	4,9*	328	69	69	262
MAD 34	1"	400	3.400	3	6,0**	315	81	81	268
MAD 40	1"	400	4.000	3	6,0**	315	81	81	268
MAD 40A	1"	400	4.000	19	6,7**	367	81	81	268
MAD 70	1 1/2"	1.000	7.000	2	8,8**	325	95	95	275

OPTIONS

- Torque check program (except MAD 3 and 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
- Reaction arm with two retaining rings
- Two Lithium-ion batteries with 5,2 Ah/18 V
- Battery charger
- Calibration certificate
- Operation manual
- Tool case