

STRAIGHT SCREWDRIVERS - MD SERIES

Compact, lightweight and ergonomic, the MD torque and angle straight screwdrivers cover a wide range of torques from 0.01 to 49 Nm.

Precise and robust, they are designed for high-speed vertical tightening operations requiring accuracy and traceability.



Lever start

Designation	Torque (min Nm)	Torque (max Nm)	Speed (rpm)	Weight (gr)	Bit socket	Controller	Code
MD2201-E mini	0.01	0.07	150 - 2 000	220	Half-moon	MDC26s	4-1000205
MD2203-E mini	0.04	0.2	100 - 1 000	220	Half-moon		4-1000206
MD2601-A	0.03	0.39	150 - 2 000	430	Hex 1/4"	MDC-26	4-1050500
MD2601-E	0.03	0.39	150 - 2 000	430	Half-moon		4-1050501
MD2602-A	0.05	0.68	150 - 2 000	435	Hex 1/4"		4-1050502
MD2602-E	0.05	0.68	150 - 2 000	435	Half-moon		4-1050503
MD2604-A	0.2	1.37	150 - 1 500	515	Hex 1/4"		4-1050504
MD2611-A	0.4	3.3	100 - 900	545	Hex 1/4"		4-1090138
MD2616-A	0.5	4.9	100 - 620	545	Hex 1/4"	MDC-32	4-1050506
MD3201-A	0.1	1.17	150 - 2 000	675	Hex 1/4"		4-1050507
MD3202-A	0.2	2.15	150 - 2 000	685	Hex 1/4"		4-1050508
MD3204-A	0.4	3.9	150 - 1 500	850	Hex 1/4"		4-1050509
MD3208-A	0.7	7.3	50 - 950	900	Hex 1/4"		4-1050660
MD3211-A	1	8.8	50-690	910	Hex 1/4"		4-1050510
MD3216-A	2	13.7	50-470	905	Hex 1/4"		4-1050511
MD3236-Q	4	27	50-210	1 340	SQ 3/8"		4-1050512
MD3264-Q	8	49	50-115	1 330	SQ 1/2"		4-1050513

Delivered without tool cable.

Push to start

Designation	Torque (min Nm)	Torque (max Nm)	Speed (rpm)	Weight (gr)	Bit socket	Controller	Code
MD2602-A/P	0.05	0.68	150 - 2 000	435	Hex 1/4"	MDC-26	4-1050652
MD2602-E/P	0.05	0.68	150 - 2000	435	Half-moon		4-1050653
MD2604-A/P	0.2	1.37	150 - 1 500	515	Hex 1/4"		4-1050654
MD2611-A/P	0.4	3.3	100 - 900	545	Hex 1/4"		4-1050655
MD2616-A/P	0.5	4.9	100 - 620	545	Hex 1/4"	MDC-32	4-1050656
MD3201-A/P	0.1	1.17	150 - 2 000	675	Hex 1/4"		4-1050657
MD3202-A/P	0.2	2.15	150 - 2 000	685	Hex 1/4"		4-1050658
MD3204-A/P	0.4	3.9	150 - 1 500	850	Hex 1/4"		4-1050659
MD3211-A/P	1	8.8	50 - 690	910	Hex 1/4"		4-1050745
MD3216-A/P	2	13.7	50 - 470	905	Hex 1/4"		4-1050746

Delivered without tool cable.

MDC CONTROLLERS



Features of the MDC V2 associated controllers

- Multilingual menus: choice between German, English, Spanish, French, Czech.
- 15 tightening programs (torque and angle control).
- Advanced functions with independent settings for each preset.
4 functions : free reverse rotation, engaging torque detection, thread tapping, angle after torque-up.
- 2 multi sequences programs – for several presets run with one cycle start.
- 15 models of 20 steps with assignable tightening strategies, batch counting, logical IO management.
- Large color LCD touch screen 5" with user friendly graphical interface and full tightening reporting.
- Automatic or manual speed adjustment.
- Self learning mode for tightening parameters optimization.
- Detailed alarm display with error code.
- Integrated web server for parameters set up with a standard web browser.
- Free PC software for programming and real time monitoring called ParaMon.
- Tightening curve display in real time.
- Real time fastening data output.
- RS232 and Ethernet communication ports, Modbus protocol or Open Protocol.
- Preset / Model selection with barcode reader (RS232).
- Built-in card reader and 8 GB industrial SD card included for:
settings, backup and restore - real time fastening data record - controller firmware update.
- 15 inputs / 8 outputs assignable digital IO's.
- ESD Free by body grounding.
- Long life time over 5 million cycles.

Hardware

Voltage	in: AC 230 V, 50/60Hz, 2.5 A / out: DC 38 V 3.5 A
Fuse	2 x T5 A / 230 V
Operating environment	0 ~ 40°C / 15 ~ 80% RH (without dew)
Front panel	5" LCD Color 800 x 480 dots – touch & multilingual menus
I/O	8 inputs and 8 outputs assignable + 7 inputs assigned to models via SUB-D25
SD card	Included one 8 GB SD card- industrial grade
Dimensions and weight	W 146 x H 114 x D 203 mm – 2.5 kg

Software

Management of firmware update	SD Card
Firmware	Controller main board / LCD display
Language	English, French, Spanish, German, Czech
Parameter setting	Controller front LCD / Web Server / Com port, Protocol
Protocol	Modbus, Open protocol
Tightening presets	15 programs consisting of 15 key parameters each
Model	15 models consisting of 20 steps each
Advanced function	4 functions for each preset including free reverse rotation, engaging torque detection, thread tapping, angle after torque up

Controllers

Designation	Suitable for	Code
MDC26s for MD22 CE AC 230 V	MD2201, MD2203	4-1000209
MDC26s for MDA22 CE AC 230 V	MDA2201, MDA2203	4-1000213
MDC26 CE AC 230 V	MD26xx, MDH26xx, MDA26xx	4-1050665
MDC32 CE AC 230 V	MD32xx, MDP32xx, MDH32xx, MDA32xx	4-1050666

Options

Designation	Code	Designation	Code
RS232 DB9 cable male/female 3 m	4-1050598	Lift up stand kit	4-1050592
USB to RS232 converter	4-1050597	Industrial SD card 8 Gb	4-1290024
Modbus / Profinet gateway	Please contact us		