



KDS Hand-held Screwdrivers | Torque range 0.05 – 70 Nm

The K-DUCER is our A-class intelligent transducerized assembly system. The system consists of an advanced state-of-the-art controller and a range of handheld and fixtured electric screwdrivers with torque up to 70 Nm.

Finest accuracy and precision

KDS transducerized electric tools cover all assembly line requirements for an accurate, high-quality torque and angle-controlled tightening experience. A built-in compact torque transducer provides closed-loop control with excellent repeatability.

Excellent ergonomics

KDS screwdrivers feature unsurpassed ergonomics, soft touch design, status LED, temperature protection combined with full traceability and error-proofing capabilities. Available in straight, pistol and fixture configuration (see page 10 for further information).

Connectivity and Industry 4.0

KDS tools are the ideal solution for your Industry 4.0 production line. Integrating the K-Ducer in your smart factory will be effortless, thanks to the built-in Modbus TCP and Open Protocol connectivity. Built-in LED lights provide immediate feedback on each tightening process, i.e. you'll be able to check at a glance whether the part is correctly tightened or not. KDS screwdrivers work in combination with KDU control units to gather, analyse and process detailed assembly information. Their built-in transducer continuously reads torque and position of the screw and sends the gathered data to the KDU controller for analysis.

Available Housings



INLINE (KDS-PL/ESD) – Inline versions available in lever start. ESD-safe. KDS inline screwdrivers can also be supplied with built-in LED lights (KDS-PL /LED/ESD), which light up the area underneath while in use.



PISTOL GRIP – Trigger start, pistol grip available with top connector (KDS-PL P/U/ESD) or bottom connector (KDS-PL P/ESD). ESD-safe.



ALUMINIUM HOUSING (KDS-PL) For torques over 20 Nm, with start and reverse buttons.



ANGLE MODELS (KDS-PL ANG/ESD) Inline models with angle head attached. ESD-safe.



Inline KDS Screwdrivers

Code	Model	Torque Nm	RPM min-max	Dimensions mm	Weight kg	Bit Drive
165050	KDS-NT70	0.05 - 0.7	20 - 700	223 x 27	0.3	Hex 1/4"
165050/HM	KDS-NT70/HM	0.05 - 0.7	20 - 700	223 x 27	0.3	Half moon 4 mm
165120	KDS-NT120	0.2 - 1.2	20 - 430	223 x 27	0.3	Hex 1/4"
165120/HM	KDS-NT120/HM	0.2 - 1.2	20 - 430	223 x 27	0.3	Half moon 4 mm
175015/ESD	KDS-MT1.5/ESD	0.1 - 1.5	50 - 850	254 x 40	0.7	Hex 1/4"
135003/ESD	KDS-PL3/ESD	0.4 - 3	50 - 1800	251 x 40	0.7	Hex 1/4"
135006/ESD	KDS-PL6/ESD	0.5 - 6	50 - 850	251 x 40	0.7	Hex 1/4"
135010/ESD	KDS-PL10/ESD	0.8 - 10	50 - 600	251 x 40	0.7	Hex 1/4"
135015/ESD	KDS-PL15/ESD	0.5 - 15	50 - 320	251 x 40	0.7	Hex 1/4"
135020	KDS-PL20	2 - 20	20 - 210	297 x 43	1.3	Sq 3/8"
135035	KDS-PL35	3 - 35	20 - 140	318 x 43	1.8	Sq 3/8"
135050	KDS-PL50	5 - 50	20 - 90	322 x 43	1.8	Sq 1/2"

Inline KDS Screwdrivers with front LED lights

Code	Model	Torque Nm	RPM min-max	Dimensions mm	Weight kg	Bit Drive
175015/LED/ESD	KDS-MT1.5/LED/ESD	0.1 - 1.5	50 - 850	254 x 40	0.7	Hex 1/4"
135003/LED/ESD	KDS-PL3/LED/ESD	0.4 - 3	50 - 1800	251 x 40	0.7	Hex 1/4"
135006/LED/ESD	KDS-PL6/LED/ESD	0.5 - 6	50 - 850	251 x 40	0.7	Hex 1/4"
135010/LED/ESD	KDS-PL10/LED/ESD	0.8 - 10	50 - 600	251 x 40	0.7	Hex 1/4"
135015/LED/ESD	KDS-PL15/LED/ESD	0.5 - 15	50 - 320	251 x 40	0.7	Hex 1/4"

Pistol grip KDS Screwdrivers with bottom connector

Code	Model	Torque Nm	RPM min-max	Dimensions mm	Weight kg	Bit Drive
175016/ESD	KDS-MT1.5P/ESD	0.1 - 1.5	50 - 850	186 x 172 x 50	0.7	Hex 1/4"
135004/ESD	KDS-PL3P/ESD	0.4 - 3	50 - 1800	186 x 170 x 50	0.7	Hex 1/4"
135007/ESD	KDS-PL6P/ESD	0.5 - 6	50 - 850	186 x 170 x 50	0.7	Hex 1/4"
135011/ESD	KDS-PL10P/ESD	0.8 - 10	50 - 600	186 x 170 x 50	0.7	Hex 1/4"
135016/ESD	KDS-PL15P/ESD	0.5 - 15	50 - 320	186 x 170 x 50	0.7	Hex 1/4"

Pistol grip KDS Screwdrivers with top connector

Code	Model	Torque Nm	RPM min-max	Dimensions mm	Weight kg	Bit Drive
175016/U/ESD	KDS-MT1.5P/U/ESD	0.1 - 1.5	50 - 850	186 x 172 x 50	0.7	Hex 1/4"
135004/U/ESD	KDS-PL3/U/ESD	0.4 - 3	50 - 1800	186 x 170 x 50	0.7	Hex 1/4"
135007/U/ESD	KDS-PL6P/U/ESD	0.5 - 6	50 - 850	186 x 170 x 50	0.7	Hex 1/4"
135011/U/ESD	KDS-PL10P/U/ESD	0.8 - 10	50 - 600	186 x 170 x 50	0.7	Hex 1/4"
135016/U/ESD	KDS-PL15P/U/ESD	0.5 - 15	50 - 320	186 x 170 x 50	0.7	Hex 1/4"

Angle head KDS Screwdrivers

Code	Model	Torque Nm	RPM min-max	Dimensions mm	Weight kg	Bit Drive
175015/A/ESD	KDS-MT1.5ANG/ESD	0.1 - 1.5	50 - 850	288 x 40	0.7	Hex 1/4"
135003/A/ESD	KDS-PL3/ANG/ESD	0.4 - 3	50 - 1800	288 x 40	0.7	Hex 1/4"
135006/A/ESD	KDS-PL6/ANG/ESD	0.5 - 5.5	50 - 850	288 x 40	0.7	Hex 1/4"
135010/A/ESD	KDS-PL10/ANG/ESD	0.8 - 9	50 - 600	288 x 40	0.7	Hex 1/4"
135015/A/ESD	KDS-PL15/ANG/ESD	0.5 - 15	50 - 320	326 x 40	0.9	Sq 3/8"
135015/A/1-4/ESD	KDS-PL15/ANG/1-4/ESD	0.5 - 12	50 - 320	326 x 40	0.9	Hex 1/4"
135030/A	KDS-PL30ANG	3 - 30	20 - 140	429 x 43	2.1	Sq 3/8"
135045/A	KDS-PL45ANG	4 - 45	20 - 90	450 x 43	2.8	Sq 1/2"
135070/A	KDS-PL70ANG	7 - 70	10 - 50	453 x 43	2.8	Sq 1/2"

Disegni 2D e 3D disponibili su kolver.com // **IMPORTANTE:** È sconsigliato l'uso continuo oltre l'80% del campo di coppia.

Gli avvitatori KDS lavorano in combinazione con le unità di controllo serie KDU. Ulteriori informazioni a pagina 12.