K-DUCER

The Transducer Solution

KOLVER

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THE K-DUCER 4.0 REVOLUTION

The K-Ducer is the new class A intelligent transducerized assembly system from Kolver, the electric tool pioneer since 1989. The system consists of an advanced state-of-the-art controller and a range of handheld and fixtured electric screwdrivers with torque up to 15 Nm (to be extended to 50 Nm soon).

KDS SCREWDRIVERS

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

MODEL	CODE NUMBER	TORQUE Nm	TORQUE in.lbs	MAX RPM	WEIGHT kg	LENGTH mm	HOUSING
KDS-PL6	135006	0.5-6.0	4.42-53.1	850	0.7	251	INLINE
KDS-PL6CA	135106				0.9	250	FIXTURE MOUNT
KDS-PL6P	135007				0.7	196	PISTOL
KDS-PL10	135010	0.8-10	7.1-88.5	600	0.7	251	INLINE
KDS-PL10CA	135110				0.9	250	FIXTURE MOUNT
KDS-PL10P	135011				0.7	196	PISTOL
KDS-PL15	135015	0.5-15	4.42-132.8	320	0.7	251	INLINE
KDS-PL15CA	135115				0.9	250	FIXTURE MOUNT
KDS-PL15P	135016				0.7	196	PISTOL

Due to our policy of continuous product improvement at KOLVER, the design, data and specifications are subject to change without prior notice.

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"Let it shine as gloriously / As the Venus of the sky."
W. Shakespeare, A Midsummer Night's Dream

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KDU-1 POWER UNIT AND CONTROLLER

The KDU-1 Series of controllers give you full control of your fastening operation in an industry leading compact size. With features like touch screen color display, multiple programs and sequences, intuitive programming interface, torque and angle control and graphs output, the KDU-1 units provide unmatched performance and value. Set-up and operation are really an easy task. The power unit comes in two versions depending on the functionality level required. The KDU-1 basic unit features total job options and includes serial and USB ports. In addition to it, the KDU-1A advanced controllers feature Modbus TCP communication port. KDU-1B have full communication capability using any communication system of your choice. Units may be programmed either through the touch screen or via a PC software. KDU controllers will operate all KDS Series of tools.

FUNCTIONALITY	KDU-1 Basic	KDU-1A Advanced	KDU-1B Premium
5" TOUCH SCREEN	•	•	•
NUMBER OF PROGRAMS	64	64	64
SEQUENCES	8	8	8
20 INPUT NPN	•	•	•
21 OUTPUTS	•	•	•
TORQUE GRAPH	•	•	•
BAR CODE READING	•	•	•
TORQUE & ANGLE CONTROL	•	•	•
MULTIPLE PARAMETERS	•	•	•
RS232 (2)	•	•	•
MINI USB	•	•	•
USB	•	•	•
MODBUS TCP		•	•
DEVICENET			○
CC-LINK			○
PROFIBUS			○
ETHERNET / IP			○
PROFINET			○
PROFINET FO			○
ETHERCAT			○
CC-LINK IE FIELD			○
POWERLINK			○
WIFI			○
○ = one module of your choice, to be specified with order			

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"Be not afraid of greatness"
W. Shakespeare, Twelfth Night

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KOLVER: MORE QUALITY THAN YOU MAY EVER NEED

You've got an assembly job to do, and there are a lot of people counting on you to get it done right. At KOLVER, we know what you are looking for. We deliver the most innovative and cost-effective electric fastening systems in the industry and that's why our PLUTO tools have countless happy users and... pale imitators worldwide!

KOLVER solutions represent the true answer to your assembly needs. ISO 9001 certified since 1998, Kolver's mission has always been to fulfill customers' expectations, delivering the right quality products at the right time, at the right price. About 50% of the products in our catalogue have been launched or upgraded during the last 3 years. Clutch tools, current-control tools, transducerized tools: inline, pistol, angle and fixtured, along with controllers and software in an outstanding combination of ergonomics, performance, error proofing and durability. Kolver range helps you maximize your productivity and stay ahead of your competition.

SERIES	CLUTCH TOOLS	TORQUE & ANGLE CURRENT CONTROL	TORQUE & ANGLE TRANSDUCERIZED	TORQUE RANGE Nm	TORQUE RANGE in.lbs
FAB	•			0.05-1.8	0.44-15.9
RAF	•			0.7-5.0	6.2-44.25
KBL	•			0.04-4.0	0.35-35.4
ACC	•			0.2-4.5	1.77-39.8
NATO		•		0.01-0.5	0.09-4.4
MITO		•		0.2-1.5	1.8-13.3
PLUTO	•	•		0.5-75	4.4-664
KDS			•	0.5-15	4.4-132.8

"The moon shines bright, In such a night as this"
William Shakespeare, The Merchant of Venice

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KOLVER K-DUCER 4.0 SOLUTION MEANS:

- Fully compatible with Industry 4.0 concept
- Prices start at € 4.0K
- Cm (Capability machine) > 4.0*

*At selected torque values. Always > 1.66

"When words are scarce they are seldom spent in vain"
William Shakespeare, Richard II

The K-DUCER project would have been impossible without the dedication and support of all KOLVER employees: we are truly grateful for all they have done.

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