

A C C E S S O R I E S

Here below you can find a complete list of accessories for Kolver screwdrivers and control units.



Model	Code	Features
Cable 5 m, 5 pin	200563	This cable is available upon request for any screwdriver with 5 pin connector. Length: 5m.
Cable 5 m, 8 pin	250563/N	This cable is available upon request for any screwdriver with 8 pin connector. Length: 5m.
Cable with strain relief	250063/H	The cable with spring is more resistant thanks to a longer connector and spring, which makes the cable up to 4 times more endurable. Perfectly compatible with any 5 pin (code 200063/H) or 8 pin (code 250063/H) screwdriver/control unit.
Tool balancer TECBA1	010300	Tool balancers TECBA1 allow screwdrivers to be positioned over the work station for comfortable operation. Models with higher capacity available on request.
ARMPV1 support arm	010500	ARMPV1 support arm consists of a vertical support on which a 180° pivoting arm is attached.
Double output connector DOCK01	020020	A double output connector is available for operators using two FAB or RAF screwdrivers in the same working area. One end is to be connected to the controller (cable included), the other end to the drivers. Screwdrivers not to be used at the same time
Double output connector DOCK02	020035	A double output connector is available for operators using two KBL..FR (not KBL..FR/CA nor KBL..FR/S) screwdrivers in the same working area. The screwdrivers can be used at the same time.
Double output connector DOCK02/S	020035/S	A double output connector is available for operators using two KBL..FR/S screwdrivers in the same working area. The screwdrivers can be used at the same time.
Double output connector DOCK04	020045	A double output connector is available for operators using two PLUTO screwdrivers with EDU2AE/TOP in the same working area. The screwdrivers cannot be used at the same time.
Double output connector DOCK04/TA	020045/TA	A double output connector is available for operators using two PLUTO screwdrivers with EDU2AE/TOP/TA in the same working area. The screwdrivers cannot be used at the same time.
Diameter Reduction Adapter for PLUTO35 and PLUTO50	234545	A diameter reduction adapter is to be attached to our PLUTO35 and PLUTO50 screwdrivers (Ø 57 mm) in case of use with our reaction arms.
Angle Head FAB - ANG HD1	010100	When space is limited a right angle head can be easily attached to lever start FAB screwdrivers. ANG HD1 is the cost effective alternative to ANG HD8. 1/4" hex - max torque 6 Nm
Angle Head RAF - ANG HD2	010120	When space is limited a right angle head can be easily attached to lever start RAF screwdrivers. ANG HD2 is the cost effective alternative to ANG HD9. 1/4" hex - max torque 6 Nm
Angle Head FAB - ANG HD8	010143	When space is limited a right angle head can be easily attached to lever start FAB screwdrivers. Model ANGH8 is suitable to FAB series. 1/4" hex - max torque 6 Nm
Angle head RAF - ANG HD9	010144	When space is limited a right angle head can be easily attached to lever start RAF screwdrivers. Model ANGH9 is suitable to RAF series. 1/4" hex - max torque 6 Nm
Socket tray for TOP unit	020042	When using a multiple torque system a socket tray can be a useful accessory for program selection. It's very easy to use: the control unit automatically selects the correct preset program when a bit or socket is removed.
Switchbox for TOP unit	020033	A switch box can be a useful accessory for multiprogram selection. It's very easy to use: each time a button is pushed, the control unit automatically selects the preset program.

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Model	Code	Features
KBL clutch cover	02002-02002-/CA	Clutch cover for KBL. Code 020028 for KBL04-15FR; Code 020028/CA for KBL04-15FR/CA; Code 020029 for KBL30FR; Code 020029/CA for KBL30FR/CA.
Telescopic Spindle 1/4" - 1/4" max 7 Nm	800322	The Telescopic Spindle (axial compensator) is used in multi spindle applications to balance the screw tightening process and compensate depth difference across multiple fasteners. For PLUTO..FR/FN, MITO../FN, KBL../FN.
Telescopic Spindle 1/2" - 1/2" max 50 Nm	800319	The Telescopic Spindle (axial compensator) is used in multi spindle applications to balance the screw tightening process and compensate depth difference across multiple fasteners. For PLUTO..50/FN.
Telescopic Spindle 1/4" - 3/8" max 15 Nm	800320	The Telescopic Spindle (axial compensator) is used in multi spindle applications to balance the screw tightening process and compensate depth difference across multiple fasteners. For PLUTO3-6-10-15.
Telescopic Spindle 3/8" - 3/8" max 35 Nm	800321	The Telescopic Spindle (axial compensator) is used in multi spindle applications to balance the screw tightening process and compensate depth difference across multiple fasteners. PLUTO20-35.
Coloured Rings	2000--	Coloured rings are useful to distinguish and identify different screwdrivers at a glance. Available in different colours: Code 200085 - Blue Code 200086 - Red Code 200087 - Yellow Code 200088 - Green Code 200089 - Black
Barcode reader BRRCR90	020050	The BRRCR90 barcode reader allows the operator to instantly select the program previously set on the control unit. To be used with EDU2AE/TOP or EDU2AE/TOP/TA.
Serial Printer PRNTR1	020026	The PRNTR1 serial printer gives the possibility to instantly print the results of each tightened screw. It works with EDU2AE/TOP, EDU2AE/TOP/TA, EDU2AE/HPRO control units and K and Mini K../S torque testers.
Ethernet Device	020075	Kolver Ethernet Device makes it possible to connect a PC to any EDU 2AE/TOP - TOP/E - TOP/TA via remote LAN connection.
Light stack	020080	The light stack allows better visibility of output signals. Made for any control unit with signals. Supplied standard with 2,5 m cable and 10pin connector for CN1 (EDU2AE - EDU2AE/TOP). Wiring for other Kolver control units available on request.
Start / Reverse Pedals	020070	Start and reverse signals can now be activated using our new foot pedal. Supplied standard with 3,5 m cable and connector for any EDU2AE and EDU2AE/TOP unit.
Autocatcher	01011-	An Autocatcher allows the operator to pick up and fasten stainless steel, brass, copper and plastic screws using just one hand! Sizes available: AC1.47 for M1 to M1.7, code 010115, AC2.3 for M2 to M3, code 010113, AC3.5 for M3 to M5, code 010114.
A2 and A3 Suction Heads	010111/-	A suction head is the best way to handle non-magnetic screws (stainless steel, brass, plastic etc.). Available in two models: A2 for M2-M2,6 screws (code 010111/1) and A3 for M3-M4 screws (code 010111/2). Both models can be installed on any screwdriver.
ASP HD Suction Heads	0101--	A suction head is the best way to handle non-magnetic screws (stainless steel, brass, plastic etc.). ASP HD heads are available for NATO15 (model ASP HD6 - code 010117), NATO50 (model ASP HD7 - code 010118), MITO15 (model ASP HD8 - code 010119) and PLUTO3-15 (model ASP HD9 - code 010121).

ACE SCREW COUNTER

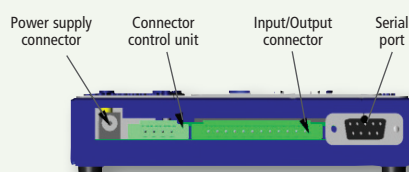
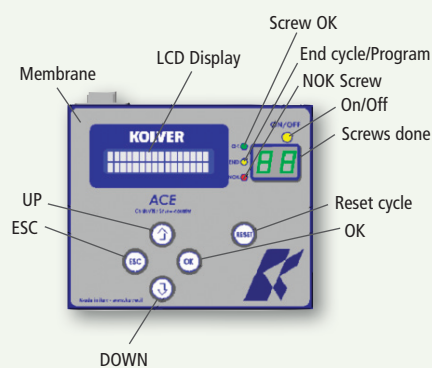
ACE Screw Counter



The ACE screw counter is a process control system that monitors the fastening assembly process. It tracks, in real time, the fastening of each screw in an assembly, then notifies the result. It keeps a summary of good and complete assemblies as well as of bad and incomplete ones throughout the production day. The ACE is easily programmed with user interface screens through the keypad. Walk through a few simple steps to input the parameters for total number of fasteners required in a completed assembly and the fastening process can begin. The unit gives the operator audible and visual indications that the assembly has been completed without error and it is safe to move on to the next process step or if it has been rejected.

Main features:

- ACE includes the screw counter + cable for connection to the control unit.
- To be connected to EDU1BL/SG (code 020022), or EDU1FR/SG (code 020021).
- 8 independent programs.
- Up to 99 screws for each program.
- Sequence of 4 programs.
- Min and max fastening time (accuracy: 0.01 sec).
- Separate displays for parameters setting and fasteners count.
- OK, End Cycle and Error lights.
- Statistics: Total number of correct screws done, wrong screws, cycles done, sequences done.
- I/O signals.
- Password protected.
- Wall mountable.
- Remote control of the system (optional).
- RS232 port.



Code	Model	Dimensions mm	Weight kg	Control unit
020021	ACE	137x133x30	0,55	EDU1FR/SG
020022	ACE	137x133x30	0,55	EDU1BL/SG



Bit Guides for Screwdrivers

Bit Guides are the best accessory to help long bits, wire thread insert and riveters keep the correct perpendicular position. They can be installed on inline screwdrivers model PLUTO3, PLUTO6, PLUTO10, PLUTO15 and on any inline KBL:

- RIV HD1, 8 mm hole (code 010180) for PLUTO3D, PLUTO6D, PLUTO10D/N, PLUTO15D/N
- RIV HD2, 8 mm hole (code 010181) for KBL30FR and KBL40FR, also for models with signals (KBL..FR/S) and autoreverse (KBL..FR/AR)
- RIV HD3, 3 mm hole (code 010182) for PLUTO3D, PLUTO6D, PLUTO10D/N, PLUTO15D/N
- RIV HD4, 3 mm hole (code 010183) for KBL04FR and KBL15FR, also for models with signals (KBL..FR/S) and autoreverse (KBL..FR/AR)
- RIV HD5, 3 mm hole (code 010184) for KBL30FR and KBL40FR, also for models with signals (KBL..FR/S) and autoreverse (KBL..FR/AR)

Riveters and wire thread inserts may require the screwdriver to automatically start a loosening operation once the torque has been reached. This is easily achieved via the "autoreverse" feature, which is available either on PLUTO drivers (by selecting the proper settings on the EDU2AE control unit) and brushless screwdrivers, specifically models KBL..FR/AR (see page 14).

RIV HD bit guides are supplied standard with 3 mm hole or 8 mm hole with roller bearings (special dimensions can be made upon request).