



Screwdriving technology

Automation

Air motors

Air tools

DEPRAG

**NEW
MINIMAT-ED
DIGITAL ELECTRIC
SCREWDRIVER**

MINIMAT-ED Digital electric screwdriver with an integrated electromagnetic shut-off clutch

Torque ranges between 0.3 - 5 Nm

The innovative electric Screwdriver MINIMAT ED – the first Screwdriver with an electromagnetic shut-off clutch, a convenient torque setting by the push of a button and a digital torque-display directly on the screwdriver.

This handy Multi-Tool can be adapted, quickly and easily, to fit a new screw assembly. Versatile screwdriving is made effortless through PLUG AND PLAY!

- **Flexible**
The required torque can be set directly on the screwdriver by the push of a button.
- **Economical**
Attractive purchase price and compact size due to the fully integrated controller.
- **Ergonomic**
 - Digital display of the preset torque directly on the screwdriver
 - Trigger-start or push-to-start
 - The rotational direction can be set by the push of a button and the selected rotation is shown by an animated display
 - Integrated quick change chuck for easy bit/socket exchange
 - Suspension hanger for balancer hookup
 - Low noise level
 - Ergonomic design
 - Flexible power cable
- **Precise and reliable**
 - Torque precision as is customary with all DEPRAG control screwdrivers
 - Password protected against unauthorized changes to the preset parameter
 - Good/Bad cycle indication by LED lights red/green
 - ESD-safe
 - Integrated diagnostics
- **Robust**
As robust as the well-known DEPRAG-MINIMAT screwdriver series: absolutely reliable and renowned for durability



The flexible, innovative DEPRAG screwdriver MINIMAT-ED with electromagnetic shut-off clutch makes versatile screwdriving effortless: Plug and Play!

The operator connects the screwdriver to the electricity supply using a highly flexible anti-kink tool cable via a power unit. The operator then presses a button on the screwdriver to choose the torque and required measurement units (Nm or in.lbs).

One look at the digital display on the device is enough – the screwdriving can begin – either by selecting trigger-start or push-to-start.

The ergonomic screwdriver has the high torque accuracy as is standard for the reliable DEPRAG control screwdrivers.

Red and green LED lights immediately display the results of the assembly to the operator.

The product is password protected against unauthorized parameter changes. The integrated diagnostic functions such as motor tests in right and left rotation, tests of the switch function on the electronic clutch and signal monitoring all provide optimum processing assurance. Even the rotational direction can be set at the push of a button and is shown on an animated display directly on the screwdriver. The screwdriver provides every convenience needed for reliable operation.

Additionally the screwdriver also has the well-known DEPRAG standard features.

This includes the body casing which is non-slip and kind to the skin with an ergonomic, angular shape which fits to the hand. A balancer hook is also included. The integrated quick change chuck makes tool changes easy.

The MINIMAT-ED can be used on voltage between 100 and 240 volts and for both left-hand and right-hand threads. The main rotational direction is optional; the screwdriver switches the torque between left and right and uses maximum loosening torque when turning in the opposite direction.

An additional bonus is the guarantee of the ESD feature, for use in the electrical industry.

Technical Data

MINIMAT-ED straight handle design

| Screwdriver | Type order no. | 345EG36-0018 400036 I | 345EG36-0030 400036 H | 345EG36-0050 400036 G |
|--|-------------------|--------------------------|--------------------------|--------------------------|
| Torque min. | Nm / in.lbs | 0.3 / 2.65 | 0.6 / 5.3 | 1 / 8.85 |
| Torque max. | Nm / in.lbs | 1.8 / 15.9 | 3 / 26.6 | 5 / 44.3 |
| Speed | rpm | 500 | 810 | 500 |
| Diameter | mm / in. | 36 / 1.4 | 36 / 1.4 | 36 / 1.4 |
| Length | mm / in. | 308 / 12 | 308 / 12 | 308 / 12 |
| Weight | kg / lbs. | 1 / 2.2 | 1 / 2.2 | 1 / 2.2 |
| Noise level | dB(A) | 60 | 60 | 60 |
| Internal hex drive | DIN 3126 | F6.3 (1/4") | F6.3 (1/4") | F6.3 (1/4") |
| Suitable inserting tools and connection parts with inserting end DIN 3126 | | E6.3 (1/4") | E6.3 (1/4") | E6.3 (1/4") |

MINIMAT-ED pistol grip

| Screwdriver | Type order no. | 345EP36-0018 410455 I | 345EP36-0030 410455 H | 345EP36-0050 410455 G |
|--|-------------------|--------------------------|--------------------------|--------------------------|
| Torque min. | Nm / in.lbs | 0.3 / 2.65 | 0.6 / 5.3 | 1 / 8.85 |
| Torque max. | Nm / in.lbs | 1.8 / 15.9 | 3 / 26.6 | 5 / 44.3 |
| Speed | rpm | 500 | 810 | 500 |
| Diameter | mm / in. | 36 / 1.4 | 36 / 1.4 | 36 / 1.4 |
| Length | mm / in. | 301 / 11.7 | 301 / 11.7 | 301 / 11.7 |
| Weight | kg / lbs. | 1.3 / 2.9 | 1.2 / 2.6 | 1.2 / 2.6 |
| Noise level | dB(A) | 60 | 60 | 60 |
| Internal hex drive | DIN 3126 | F6.3 (1/4") | F6.3 (1/4") | F6.3 (1/4") |
| Suitable inserting tools and connection parts with inserting end DIN 3126 | | E6.3 (1/4") | E6.3 (1/4") | E6.3 (1/4") |

Required Accessories

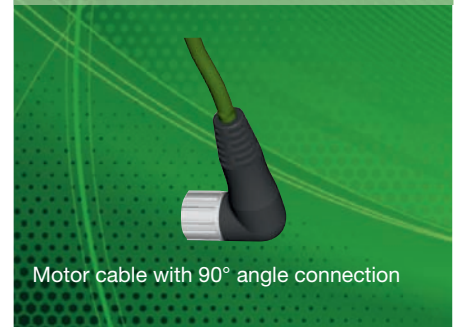
| | | |
|---|-------------|-----------------------------|
| Power unit (incl. power supply cable KN AST 10-EU and KN AST 10-US) | order no. | 385491 A |
| Wide range input voltage (AC) | V / Hz | 100 - 240 / 50/60 |
| Output voltage (DC) | V / Amp | 24 / 13 |
| Dimensions (W x H x D) | mm / in. | 130/5.1 x 70/2.7 x 277/10.8 |
| Weight | kg / lbs. | 2.6 / 5.7 |
| Motor cable | Type | KMO345Ex36-2.5 m |
| Length 2.5 m (standard) | order no. | 385547 A |
| Length 5 m | Type | KMO345Ex36-5 m |
| | order no. | 385547 B |
| Length 8 m | Type | KMO345Ex36-8 m |
| | order no. | 385547 C |
| Length 12 m | Type | KMO345Ex36-12 m |
| | order no. | 385547 D |
| alternativ Motor cable with 90° angle connection | Type | KMO345Ex36-2.5 m-W |
| Length 2.5 m (standard) | order no. | 385547 E |
| Length 5 m | Type | KMO345Ex36-5 m-W |
| | order no. | 385547 F |
| Length 8 m | Type | KMO345Ex36-8 m-W |
| | order no. | 385547 G |
| Length 12 m | Type | KMO345Ex36-12 m-W |
| | order no. | 385547 H |



Power unit



Motor cable



Motor cable with 90° angle connection

Optional Equipment

| suitable for | | straight handle design | pistol grip |
|---|-----------|------------------------|-------------|
| Spring-Sleeve cpl. | order no. | 364672 A | 364672 A |
| Spring-Sleeve cpl., with screw suction | order no. | 364672 C | 364672 C |
| Linear Stand | order no. | 408010 A | – |
| Screwdriver adapter (for Linear Stand / Parallelogram Stand) | order no. | 400833 S | – |
| Parallelogram Stand | order no. | 406253 A | – |
| Support Ring | order no. | 412892 | – |
| Handle | order no. | – | 410971 |

For suitable balancer see brochure D 3340.

| Power supply cable | type | |
|------------------------|-----------|-----------------------------------|
| Length 1.8 m / 5.9 ft. | order no. | KN AST10-EU 385443 A |
| Length 1.8 m / 5.9 ft. | order no. | KN AST10-US 385443 B |
| Length 2.5 m / 8.2 ft | order no. | KN AST10-China 385443 C |

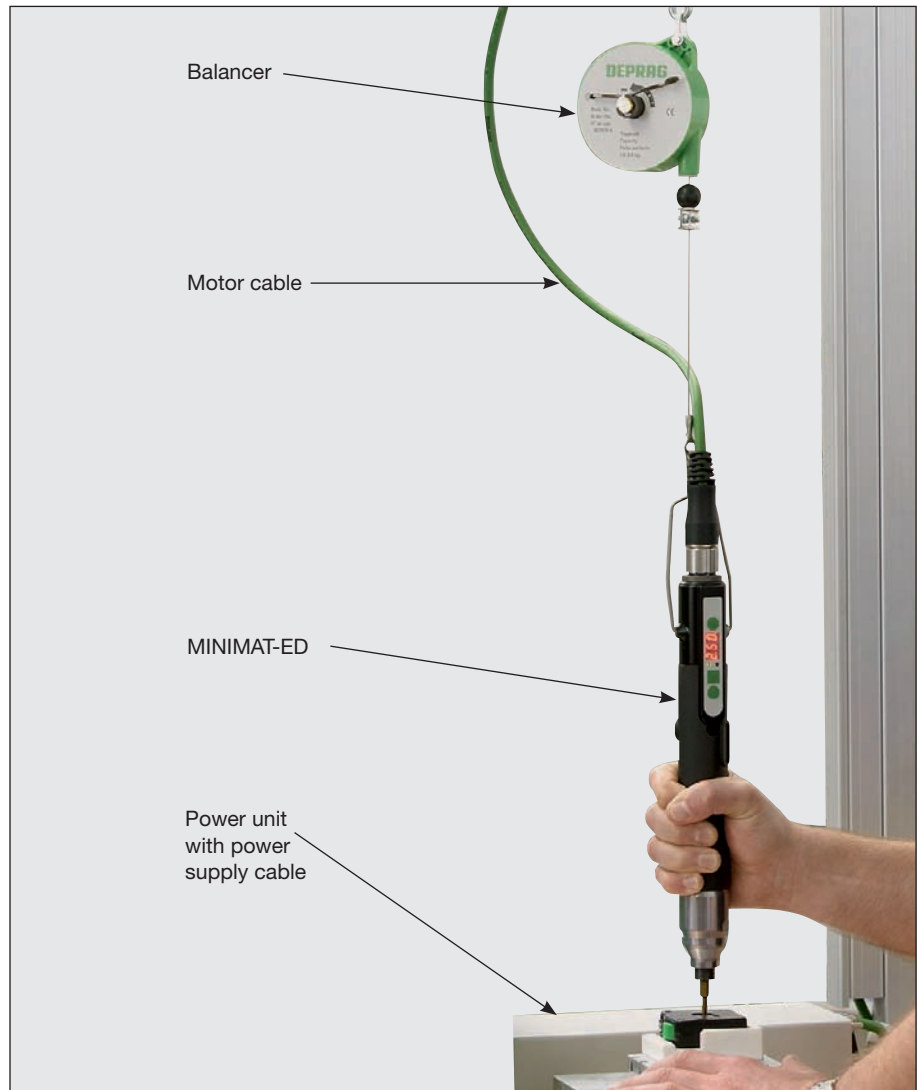
Power supply cable KN AST10-EU and KN AST10-US are already included with the power unit.



Spring sleeve order no. 364672 A



Power supply cable



DEPRAG

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