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Primary direction of rotation
Hautfriedrichtung
Direction primaire de rotation
Biais switch to direction required.

Run button
Laufknopf
Bouton de marche

Reverse button
Rückwärtsknopf
Bouton d'inversion

Manual or Automatic mode
Hand-oder Automatikbetrieb
Mode Manuel ou Automatique

for Manual operation
für Handbetrieb
pour fonctionnement Manuel

for Automatic operation
für Automatikbetrieb
pour fonctionnement Automatique
STATEMENT OF USE
Product is designed for installing and removing threaded fasteners in wood, metal and plastic.

REQUIREMENTS
This tool requires a 36V DC supply and is to be operated through a controller on a 42V DC supply.
Units available are listed below:
ESPL Power module requires mains voltage supply, provides a single 42V DC output.
ESPL2 Power module requires mains voltage supply, provides five 42V DC outputs.
ESPL3 Controller unit provides three running options.
ESPL4 Controller unit provides several running options and a 9 position speed selector switch.
ESPL5 Combined power and controller module requires mains voltage supply, provides one running option.
Where controllers have manual or automatic mode options, this tool may be used in either mode.

ACCESSORIES
A wide range of accessories are available and suitable items should be selected from the relevant Desoutter catalogue.

OPERATING INSTRUCTIONS
With the correct accessory fitted, connect the tool through the controller to the power supply.
Select the appropriate programme on the controller from the normal/slow start, auto reverse and timed reverse options.
Grip the tool around the motor case and press the tool into the fixing that is to be tightened; the motor will start when the controller is in automatic mode.
When in manual mode the motor will not start until the RUN button is pressed.
The fixing is tightened to the required torque set by adjusting the tension on the clutch spring.
The clutch resets when the tool is lifted from the tightened fastener.
To engage reverse rotation press the reverse button and hold the tool against the fastener.
NOTE: In tools with standard clutches, the torque control does not operate in reverse, the torque output in reverse equals motor stall torque.
Do not allow tool to stall for more than one second.
Default push start rotation is clockwise; this may be changed by pressing both run and reverse buttons together for five seconds, then releasing both together, followed by pressing either the run button (clockwise) or the reverse button (anti-clockwise).

MAINTENANCE INSTRUCTIONS
Lubrication
157833 = Molykote Plastisol PG75
273273 = BP CS618
203893 = Rocel M204G
Do not pack gears or bearings with grease, only lightly coat.
Use only the minimum amount of grease to locate components when assembling.

Assembly and Dismantling
Follow normal engineering practices and with references to the illustration build the components into sub-assemblies.

Disassemble tool only: when necessary to component removal.
The NORTH POLE (white paint) of magnet (19) MUST be oriented into the transmission shaft (21) FIRST.

To Set the Hall Effect
Remove case halves (5,6) and screws (18).
Place the Hall Effect Carrier assembly as fully forward as adjustment will allow and reattain with screws (23) very lightly.
Ensure motor GREY wire is connected to '*' motor terminal.
Connect controller; set for automatic operation; switch on mains supply; the motor should RUN.
Move the Hall Effect Carrier assembly towards the motor, noting when the motor switches OFF.
This from point move the Hall Effect Carrier assembly FORWARD ONE INCREMENT 0.5-1.0mm.

DATA
Rated Input = 35 W
Rated Current = 2.5 amps.
Sound Pressure Level (dBA) = 118 ± 2.5 CAGI-PNEUROP Test code
Vibration Level (m/sec²) = < 2.5 re. ISO 8862
Weight SSV2A-2000,1400,750 = 0.8 kg
SSV2A - 450 = 0.9 kg

TORQUE RANGE
Clutch Spring
COLOUR PART No. TOOL SPEED TORQUE RANGE Nm
Black 179923 2000 & 1400 0.4 - 0.8
Black 179923 750 0.63 - 0.8
Black 179923 450 0.7 - 0.8
White 179133 2000 0.63 - 0.9
White 179133 1400 0.63 - 0.8
White 179133 750 0.63 - 1.5
White 179133 450 0.7 - 2.3

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