



Screwdriving technology

Automation

Air motors

Air tools

**DEPRAG**

## RECYCLING-Drivers

### for the Dis-Assembly prior to Recycling

Especially when recycling electronic scrap material, a mechanical disassembly is required (i.e. loosening of screws) prior to the handling of chemical and thermal material.

The big challenge is:

- Engaging the screw drive with the bit!
  - The required down-pressure right from the start, to avoid cam-out or ratcheting.
  - A higher loosening torque and therefore backout-torque if screws are rusted, etc.
- According to the required drive direction and the most positive support-grip, a technical clean solution is:

Horizontal Dis-Assembly:

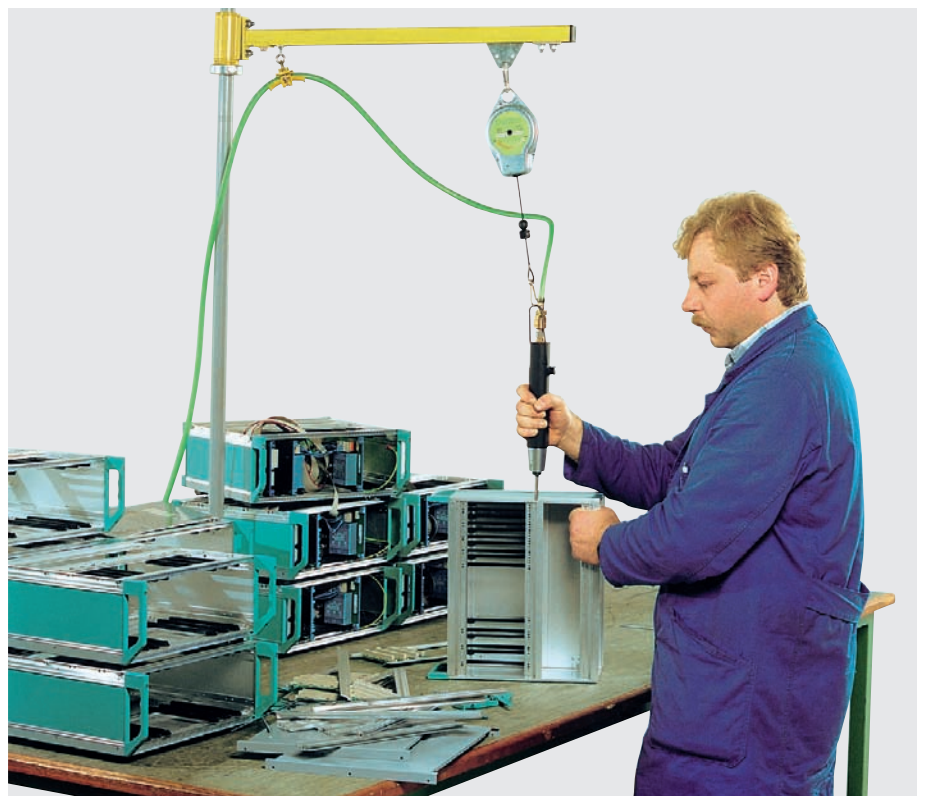
- The pistolgrip driver, reversible, with trigger start and Quick Change Chuck, without clutch:
- Maximum Torque: 18 Nm (159 in.lbs)
- Operation:  
Set driver, engage bit, push trigger and tool will start.

- Backout torque reaction is easily absorbed by the pistol-grip form.

Vertical Dis-Assembly:

- The straight driver, reversible, with 2-stage push to start, left rotation safety-clutch and Quick Change Chuck:
- Maximum Torque: 10 Nm (89 in.lbs)
- Operation:  
Set driver, apply small down-pressure to engage bit with screw drive at reduced speed, apply full down-pressure and disassemble fastener.
- Backout torque reaction is limited by the adjustable safety-clutch.

The ERGONOMIC housing grip [oval shape] conforms with the Operators natural hand grip and easily absorbs the torque reaction force. Furthermore, the lower housing flares out [bell bottom] to simplify the required push-to start.



## TECHNICAL DATA

Screwdriver Style		straight Motor Size 2.5		Pistol grip Motor Size 2.5	
Screwdriver, left rotation reversible to right rotation	<b>Type</b> order no.	<b>325-3258 UL</b> 362714 A	<b>325-4258 UL</b> 362714 B	<b>305-3257 UL</b> 352587 E	<b>305-4257 UL</b> 352587 F
torque max. (loosening torque)	Nm / in.lbs	10 / 88.5	10 / 88.5	15 / 133	18 / 159
speed, idling	rpm	640	310	525	270
air consumption	m <sup>3</sup> /min / cfm	0.35 / 12	0.35 / 12	0.35 / 12	0.35 / 12
distance from spindle centre to side	mm / in.	20 / <sup>25</sup> / <sub>32</sub>	20 / <sup>25</sup> / <sub>32</sub>	20 / <sup>25</sup> / <sub>32</sub>	20 / <sup>25</sup> / <sub>32</sub>
length	mm / in.	242 / <sup>9</sup> <sup>17</sup> / <sub>32</sub>	242 / <sup>9</sup> <sup>17</sup> / <sub>32</sub>	205 / <sup>8</sup> <sup>1</sup> / <sub>16</sub>	205 / <sup>8</sup> <sup>1</sup> / <sub>16</sub>
weight	kg / lbs	0.8 / 1.8	0.8 / 1.8	1.05 / 2.3	1.05 / 2.3
noise level	dB (A)	76	76	65	65
air hose dia.	mm / in.	6 / <sup>1</sup> / <sub>4</sub>	6 / <sup>1</sup> / <sub>4</sub>	6 / <sup>1</sup> / <sub>4</sub>	6 / <sup>1</sup> / <sub>4</sub>
air inlet pipe thread size		<sup>1</sup> / <sub>4</sub> " m	<sup>1</sup> / <sub>4</sub> " m	<sup>1</sup> / <sub>4</sub> " m	<sup>1</sup> / <sub>4</sub> " m
internal hex. drive DIN 3126		F6.3 ( <sup>1</sup> / <sub>4</sub> " )	F6.3 ( <sup>1</sup> / <sub>4</sub> " )	F6.3 ( <sup>1</sup> / <sub>4</sub> " )	F6.3 ( <sup>1</sup> / <sub>4</sub> " )
quick change chuck, mounted		yes	yes	yes	yes

Performance data relate to an air pressure of 6.3 bar (90 PSI)

Suitable tool inserts and connecting components with a drive as per DIN 3126 – E6.3 (1/4 "), see also our brochure D 3320 E.

Standard equipment:		
	Hose coupling with nozzle and nipple	Hose coupling with nozzle and nipple
	Set of torque adjustment tools	
	Set of clutch springs	



It is necessary to use a torque support (e.g. stand, handgrip) for maximum torque: over 4 Nm for straight design, over 10 Nm for pistol grip. Suitable torque supports can be found in our brochure D 3340 E.

# DEPRAG

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