

## Data Sheet

### ERGOMAT-Z – THE AUTO STROKE SCREWDRIVER FOR FEEDERS

When using feeders with hand-screwdrivers, it is necessary for the bit to retract, so that a new screw can fall into the feed-channel. With the ERGOMAT-Z driver, this stroke is performed automatically within the driver.

The two components, clutch bearing and mouthpiece guide, are already integrated in the screwdriver housing. The stroke of the driver is activated by the feeder immediately after the screw is fed. The driver with the bit is positioned immediately above the screw head. When the screwdriver starts the screw cannot be pushed back into the mouth-piece. Because of the integrated stroke, the hand can guide the driver much closer to the screw hole.

Both features simplify the positioning process and ease handling.

Additionally, the ERGOMAT-Z driver has all the advantages of the MINIMAT screwdriver series.

#### Technical data ERGOMAT-Z, motor size 1

Screwdriver right rotation, right shut-off Push-to-start	Type Part no.	347V-218 406859A	347V-318 406859B	347V-518 406859C	347V-718 406859G
Torque min.	Nm/in.lbs	0.3 / 2.7	0.3 / 2.7	0.2 / 1.8	0.2 / 1.8
Torque max.	Nm/in.lbs	1 / 8.85	1.4 / 12.4	2 / 17.7	2.5 / 22.1
Speed, idling	rpm	1900	1300	900	640
Air consumption	m <sup>3</sup> /min/cfm	0.23 / 8	0.23 / 8	0.23 / 8	0.23 / 8
Main body dia.	mm/in.	32/38 – 1 <sup>1</sup> / <sub>4</sub> / 1 <sup>1</sup> / <sub>2</sub>	32/38 – 1 <sup>1</sup> / <sub>4</sub> / 1 <sup>1</sup> / <sub>2</sub>	32/38 – 1 <sup>1</sup> / <sub>4</sub> / 1 <sup>1</sup> / <sub>2</sub>	32/38 – 1 <sup>1</sup> / <sub>4</sub> / 1 <sup>1</sup> / <sub>2</sub>
Length	mm/in.	250 / 9 <sup>27</sup> / <sub>32</sub>	250 / 9 <sup>27</sup> / <sub>32</sub>	250 / 9 <sup>27</sup> / <sub>32</sub>	250 / 9 <sup>27</sup> / <sub>32</sub>
Weight	kg/lbs	0.8 / 1.8	0.8 / 1.8	0.8 / 1.8	0.8 / 1.8
Noise level	dB(A)	63	63	63	66
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>
Drive hex. female DIN ISO 1173		1/4"	1/4"	1/4"	1/4"
Quick change chuck, mounted		yes	yes	yes	yes
For screwfeeding: Max. head diameter	mm/in.	8 / <sup>5</sup> / <sub>16</sub>	8 / <sup>5</sup> / <sub>16</sub>	8 / <sup>5</sup> / <sub>16</sub>	8 / <sup>5</sup> / <sub>16</sub>
<b>Included in delivery:</b>	Set of coupler and connector plug · Set of torque adjustment tools · Set of clutch springs				
<b>Optional Equipment:</b>	Clamping flange with pistol grip part no. 405545A (for conversion to use as pistol grip screwdriver)				

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

