



DEPRAG

Screw-Presenters

For the automatic presentation of screws to allow pickup with hand-held- or stationary Screwdriver.

- flexibility through interchangeable guide-rails
- suitable for virtually all screw-types
- feeding principle is gentle on screws
- self-sufficient because of integrated control
- compact design

The DEPRAG screw-presenter is especially well suited for an application, where an automatic screwfeeder is not feasible because of the low number of screws to be processed. Even screws with unfavorable measurements, which cannot be processed through a feed-hose, can be presented with the DEPRAG screw-presenters. For this reason, the DEPRAG screw-presenter is an ideal supplement to the extensive and qualitative DEPRAG feeder program. Easily exchangeable parts, such as guide-rail and separator, allow the processing of screws with different measurements in the same screw-presenter.

A further characteristic of the presenter, is the gentle and quiet feeding principle. Because of the integrated controller, the presenter can be operated completely self-sufficiently, which in turn guarantees a safe operating sequence.

For handheld Screwdrivers:

Because of their compact size, it is possible to limit the space requirement by installing several DEPRAG screw-presenters on a small work-area. A special feed-rail allows a definite and swift pick-up of the presented screws with either a magnetic bit or by vacuum.

For stationary Screwdrivers:

The DEPRAG screw-presenter is specifically used in an application, where the feeding of a screw is not possible through a feedhose. In connection with a DEPRAG DCAM axis-module, the presenter is an extremely reliable and low-cost solution for pick & place applications. A screw-separator isolates the screws and moves them into a pickup position. A signal-output allows the supervision of the pick position through a principal controller.



SG1211-ES-K/12



SG1211-ES/...
SG1211-ES-G/...



SG0211-EP/...



Technical Data

Screw-presenter for handheld Screwdrivers – for shaft lengths up to 16 mm			
screw-presenters	type order no.	1211-ES-K/12 407254 A	
max. feed rate	parts / min	60	
filling capacity	liter / gal.	0.05 / 0.013	
operating voltage (DC)	V	15	
power consumption	mA	1000	
dimensions (W x D x H)	mm / in.	55 x 205 x 142.5 / 2 11/64 x 8 5/64 x 5 39/64	
weight	kg / lbs	2.4 / 5.3	
Required Accessories for shaft lengths up to 16 mm			
guide rail	type order no.	1211-K-10 832470	1211-K-12 832471
distance between the guide rails	mm	1 / 0.39	1.2 / .047
for shaft diameter	mm / in.	to 1 / to 0.39	1.1 - 1.2 / .043 - .047
for shaft length	mm / in.	2 - 16 / .080 - .625	2 - 16 / .080 - .625
power unit	type order no.	1211-ES-K 230 V/50 Hz 407636 A	1211-ES-K 115 V/60 Hz 407637 A
source (AC)	V/Hz	230/50	115/60
output (DC)	V	15	15

Screw-presenter for handheld Screwdrivers – for shaft lengths up to 18 mm											
screw-presenters	type order no.	SG 1211-ES/12 378888 A			SG 1211-ES/23 378889 A			SG 1211-ES/45 378890 A			
max. feed rate	parts / min	120			120			120			
filling capacity	liter / gal.	0.1 / 0.03			0.1 / 0.03			0.1 / 0.03			
operating voltage (DC)	V	12			12			12			
power consumption	mA	500			500			500			
dimensions (W x D x H)	mm	130 x 215 x 136			130 x 215 x 136			130 x 215 x 136			
	in.	5 1/8 x 8 15/32 x 5 3/8			5 1/8 x 8 15/32 x 5 3/8			5 1/8 x 8 15/32 x 5 3/8			
weight	kg / lbs	3 / 6.6			3 / 6.6			3 / 6.6			
Required Accessories for shaft lengths up to 18 mm											
		SG 1211-ES/12			SG 1211-ES/23				SG 1211-ES/45		
guide rail	type order no.	1211-14 825571	1211-17 825572	1211-20 825573	1211-23 825574	1211-26 825575	1211-30 825576	1211-35 825577	1211-40 825578	1211-50 825579	
distance between the guide rails	mm / in.	1.4 / .055	1.7 / .067	2 / .080	2.3 / .091	2.6 / .103	3 / .120	3.5 / .140	4 / .158	5 / .198	
for shaft diameter	mm	to 1.4	1.5 - 1.7	1.8 - 2	2.1 - 2.3	2.4 - 2.6	2.7 - 3	3.1 - 3.5	3.6 - 4	4.5 - 5	
	in.	to .055	.060 - .067	.071 - .080	.083 - .091	.095 - .103	.107 - .120	.123 - .140	.142 - .158	.178 - .198	
for shaft length	mm	2 - 10	2.3 - 10	2.6 - 18	2.9 - 18	3.2 - 18	3.6 - 18	4.1 - 18	4.6 - 18	5.6 - 18	
	in.	.080 - .394	.091 - .394	.103 - .710	.115 - .710	.126 - .710	.142 - .710	.162 - .710	.182 - .710	.221 - .710	

Technical Data

Screw-presenter for handheld Screwdrivers – for shaft lengths up to 25 mm				
screw-presenter	type order no.		SG 1211-ES-G/23 387672 A	SG 1211-ES-G/45 387673 A
max. feed rate	parts / min		120	120
filling capacity	liter / gal.		0.1 / 0.03	0.1 / 0.03
operating voltage (DC)	V		12	12
power consumption	mA		500	500
dimensions (W x D x H)	mm in.		130 x 215 x 136 5 1/8 x 8 15/32 x 5 3/8	130 x 215 x 136 5 1/8 x 8 15/32 x 5 3/8
weight	kg / lbs		3 / 6.6	3 / 6.6

Required Accessories for shaft lengths up to 25 mm:

guide rail	type order no.	1211-G-20 827560	1211-G-23 827561	1211-G-26 827562	1211-G-30 827563	1211-G-35 827679	1211-G-40 827680	1211-G-50 827681
distance between the guide rails	mm / in.	2 / .080	2.3 / .091	2.6 / .103	3 / .120	3.5 / .140	4 / .158	5 / .198
for shaft diameter	mm in.	1.8 - 2 .071 - .080	2.1 - 2.3 .083 - .091	2.4 - 2.6 .095 - .103	2.7 - 3 .107 - .120	3.1 - 3.5 .123 - .140	3.6 - 4 .142 - .158	4.5 - 5 .178 - .198
for shaft length	mm in.	10 - 25 .394 - .985	10 - 25 .394 - .985	10 - 25 .394 - .985	10 - 25 .394 - .985	10 - 25 .394 - .985	10 - 25 .394 - .985	10 - 25 .394 - .985

Required Accessories for shaft lengths up to 18 mm and 25 mm:

power unit	type order no.	SG 230 V / 50 Hz 825592	SG 115 V / 60 Hz 825593
source (AC)	V/Hz	230 / 50	115 / 60
output (DC)	V	12	12

Screw-presenter for stationary Screwdrivers										
screw-presenter	type order no.	SG 0211-EP/12-14 378891 A	SG 0211-EP/12-17 378892 A	SG 0211-EP/23-20 378893 A	SG 0211-EP/23-23 378894 A	SG 0211-EP/23-26 378895 A	SG 0211-EP/23-30 378896 A	SG 0211-EP/45-35 378897 A	SG 0211-EP/45-40 378898 A	SG 0211-EP/45-50 378899 A
max. feed rate	parts / min	120								
filling capacity	liter / gal.	0.1 / 0.03								
operating voltage (DC)	V	12								
power consumption	mA	500								
dimensions (W x D x H)	mm / in.	130 x 274 x 136 / 5 1/8 x 10 3/4 x 5 3/8								
weight	kg / lbs	4.2 / 9.2								
distance between the guide rails	mm / in.	1.4 / .055	1.7 / .067	2 / .080	2.3 / .091	2.6 / .103	3 / .120	3.5 / .140	4 / .158	5 / .198
for shaft diameter	mm in.	to 1.4 to .055	1.5 - 1.7 .060 - .067	1.8 - 2 .071 - .080	2.1 - 2.3 .083 - .091	2.4 - 2.6 .095 - .103	2.7 - 3 .107 - .120	3.1 - 3.5 .123 - .140	3.6 - 4 .142 - .158	4.5 - 5 .178 - .198
for shaft length	mm in.	2 - 10 .080 - .394	2.3 - 10 .091 - .394	2.6 - 18 .103 - .710	2.9 - 18 .115 - .710	3.2 - 18 .126 - .710	3.6 - 18 .142 - .710	4.1 - 18 .162 - .710	4.6 - 18 .182 - .710	5.6 - 18 .221 - .710

Required Accessories:

power unit	type order no.	SG 230 V / 50 Hz 825592	SG 115 V / 60 Hz 825593
source (AC)	V/Hz	230 / 50	115 / 60
output (DC)	V	12	12

Counter-sunk-head screws cannot be handled by screw presenter type 1211-ES, but for these we would like to recommend type 0211-EP instead, where screws will be picked up by a vacuum system.

Optional Equipment

for screw-presenters in conjunction with F-screwdriver and controller fc10		
part sensor	order no.	399525 A (for 1211-ES)
part sensor	order no.	399525 B (for 0211-EP)
part sensor	order no.	399525 C (for 1211-ES-K)
for screw-presenters in conjunction with Electric Screwdrivers and controller AST10		
part sensor	order no.	399525 D (for 0211-EP)
part sensor	order no.	399525 E (for 1211-ES)
connection piece	order no.	399526 A

DEPRAG

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