

easy feed

Vibratory Bowl Feeder

DEPRAG
machines unlimited



The vibratory bowl feeder is suitable for use in automated assembly systems as well as for manual operation with handheld screwdrivers. This versatility ensures reliable feeding of components in different production environments.

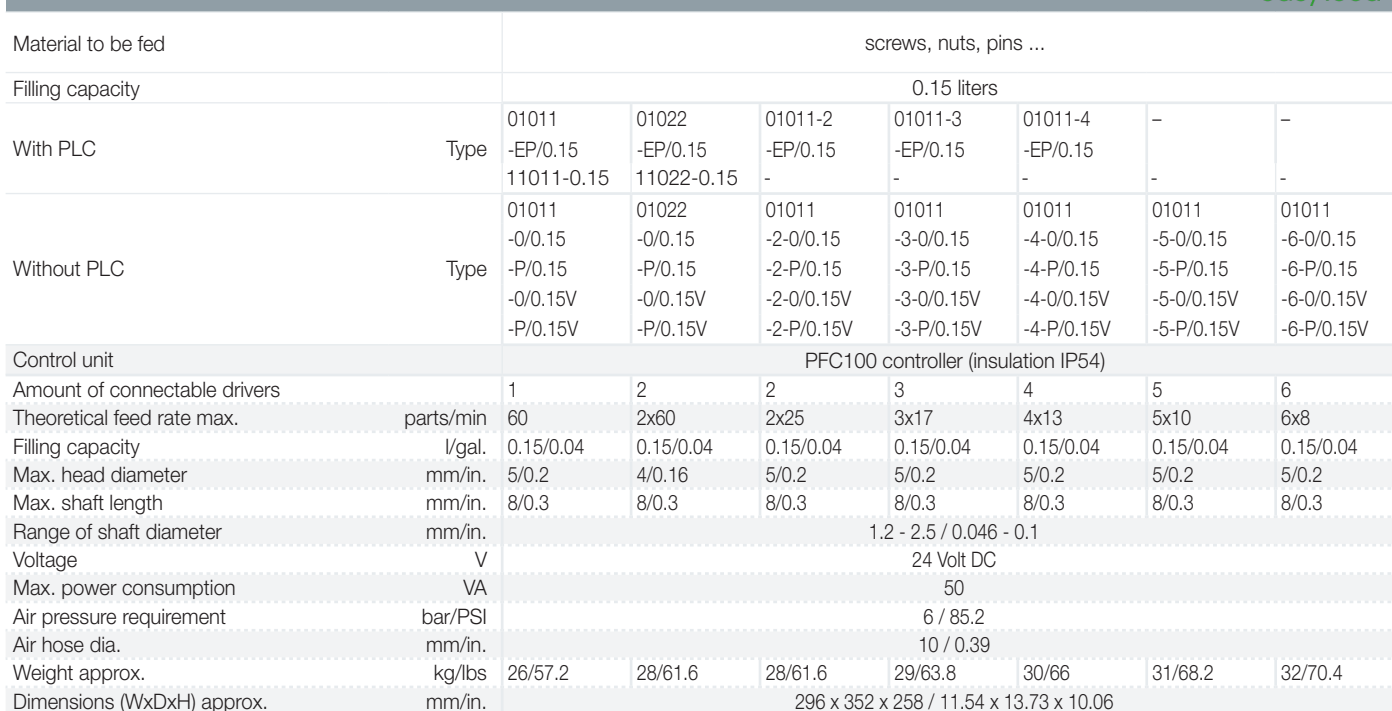
The conveyed material is “shaken” upwards through vibrations in a spiral-shaped vibratory bowl. This movement automatically aligns and then separates the conveyed goods.

- **High output** for efficient production processes.
- **Suitable for a wide range of components** - not just screws.
- **Robust and reliable**

DEPRAG Feeding Technology



Technical data easy feed vibratory bowl feeder - filling capacity 0.15 liters





Material to be fed		screws, nuts, pins ...								
Filling capacity		2.5 liters								
With PLC	Typ	01011	01022	–	–	01011-2	01011-3	01011-4	–	–
		-EP/2.5	-EP/2.5			-EP/2.5	-EP/2.5	-EP/2.5		
		11011-2.5	11022-2.5	-	-	-	-	-	-	-
Without PLC	Typ	01011	01022	01012	01024	01011	01011	01011	01011	01011
		-0/2.5	-0/2.5	-0/2.5	-0/2.5	-2-0/2.5	-3-0/2.5	-4-0/2.5	-5-0/2.5	-6-0/2.5
		-P/2.5	-P/2.5	-P/2.5	-P/2.5	-2-P/2.5	-3-P/2.5	-4-P/2.5	-5-P/2.5	-6-P/2.5
		-0/2.5V	-0/2.5V	-0/2.5V	-0/2.5V	-2-0/2.5V	-3-0/2.5V	-4-0/2.5V	-5-0/2.5V	-6-0/2.5V
		-P/2.5V	-P/2.5V	-P/2.5V	-P/2.5V	-2-P/2.5V	-3-P/2.5V	-4-P/2.5V	-5-P/2.5V	-6-P/2.5V
Control unit		PFC100 controller (insulation IP54)								
Amount of connectable drivers		1	2	2	4	2	3	4	5	6
Theoretical feed rate max.	parts/min	40	2x40	2x20	4x20	2x20	3x13	4x10	5x8	6x6
Filling capacity	l/gal.	2.5 / 0.66								
Voltage	V	24 Volt DC								
Max. power consumption	VA	150								
Air pressure requirement	bar/PSI	6 / 85.2								
Air hose dia.	mm/in.	10 / 0.39								
Weight approx.	kg/lbs	60 / 132								
Dimensions (WxDxH) approx.	mm/in.	547 x 600 x 294 // 21.33 x 23.4 x 11.5								
Technical details on screws:										
Max. head diameter	mm/in.	16/0.624	14/0.546	16/0.624	14/0.546	16/0.624	16/0.624	16/0.624	15/0.585	16/0.624
Max. shaft length	mm/in.	60/2.34	45/1.755	60/2.34	45/1.755	60/2.34	60/2.34	60/2.34	60/2.34	60/2.34
Range of shaft diameter	mm/in.	4 - 8 / 0.16 - 0.3								
Technical details on nuts:										
AF	mm/in.	5.5-17 / 0.215-0.663								
Female thread	mm/in.	3-8 / 0.117-0.312								
Max. permissible nut height	mm/in.	8 / 0.312								

