



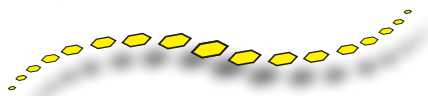
Nut Feeders

Automatic nut feeding
High performance and accuracy

- Single or dual feeding
- Manual or In-Line applications
- Top cover for low noise and high protection
- Feeding capacity: up to 29 nuts per minute
- Reduced height for better loading comfort
- Connectivity and safety improved



Nut Feeders



Order Code	Application	Feed
FNMS11	Manual	Single
FNMD11	Manual	Double
FNIS11	In Line (ProfiNet)	Single
FNID11	In Line (ProfiNet)	Double

Optionals

Size	M6 to M10 <input type="checkbox"/> Other types on request
Nut shapes	<input type="checkbox"/> Square <input type="checkbox"/> Round <input type="checkbox"/> Hexagonal (with or without washer)
Other shapes	<input type="checkbox"/> Rectangular <input type="checkbox"/> Diamond shaped <input type="checkbox"/> Double square <input type="checkbox"/> Round with washer

OPTIONALS:

<input type="checkbox"/> Feeding head stroke 260 mm	<input type="checkbox"/> Nut thread detection by machine vision (only in single nut feeder)
<input type="checkbox"/> Feeding head stroke 310 mm	
<input type="checkbox"/> Positioning system (square nuts)	<input type="checkbox"/> Electric cabinet in right side (standard is fixed in left side)
<input type="checkbox"/> Other PLC types (on request)	



TECHNICAL DATA

	Single feed	Dual feed
Power Supply / Frequency	400 V / 50-60 Hz (Other power supply under request)	
Feeding capacity	26 - 29 nuts per minute	
Cycle time	2s	4s
Noise level	72 dB	
Load capacity in linear vibration hopper	10 litres (max. 35 Kg)	
Max. load capacity in circular vibration drum	2 litres	
Feeding head stroke	210 mm (optionals 260 and 310 mm)	
Selector	Vibration	
Transfer of nuts to selection	Pneumatic	
External dimensions (H x W x L)	1.089 x 878 x 583 mm	
Feeder weight (Without feeding head)	144 Kg	149 Kg
Feeding head weight	8,5 Kg	8,5 Kg (x2)
Feeding head height	750 mm	750 mm (x2)
Conveyor tube / wire height	3000 mm	3000 (x2) mm
Consumption	300 VA	350 VA
Operating power	24 Vdc	
Standard programmable relay	SIEMENS S7 -1200	
Digital I/O	14 Inputs / 10 Outputs	
Feeding head placement angle	25° to 75°	
Nominal air pressure	6 bar - 1/4"	

