

# FM Series

## Fixed Quantity Count / External Configuration Type Screw Feeder

Accurately feeds the set number of screws

Supported screw diameter M3.0 ~ M6.0	Supported screw under-head length Longest: 25mm	Capacity About 150cc	Non-ferrous materials: supported
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\*For details, please refer to each product's specifications section.

Fixed-quantity take out FM-36 FME-36  
(External Configuration)



### ⊕ Accurately feeds the number of screws input to counter

Set between 1 and 99. Accurately counts and expels the number you set.

### ⊕ Stable rail movement without clog

Horizontal rail system prevents screws from clogging or overlapping, achieving stable feed.

### ⊕ Flexibly supports line changes

Supports screws of varying diameters. Easy installation: simply set into place, and the portable size lets you adapt to line or workpiece changes.

### ⊕ Long-running operation when combined with screw hopper

FM unit supports 150cc; add screw hopper for additional 400-1600cc stock.

#### Counter

- Set of 0-99
- Intervals: 0-9999
- Exterior take out signal
- Power outage memory protection feature



#### Fixed quantity take out with nut support

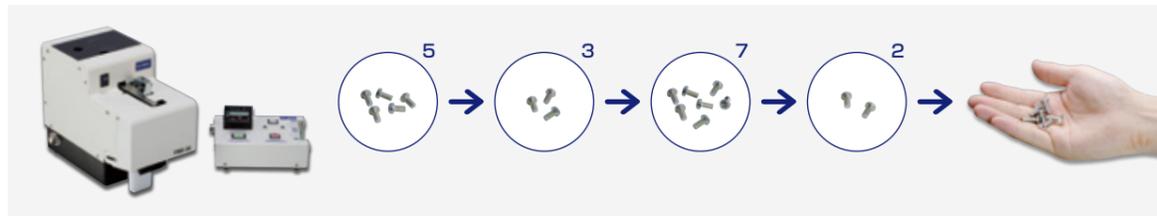
By special order, we can consider the fixed quantity nut take out model. Please do not hesitate to contact us.



#### Connect to unit for variable take out quantity (FME-36)

Change the fixed screw feed quantity using a PLC of a variety of manufacturers.

\*The PLC interface (NEX-PLC) is exclusively for use with the FME-36.

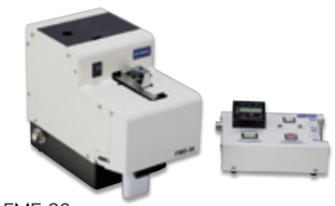


#### Fixed-quantity take out



FM-36

#### Fixed-quantity take out with PLC support



FME-36

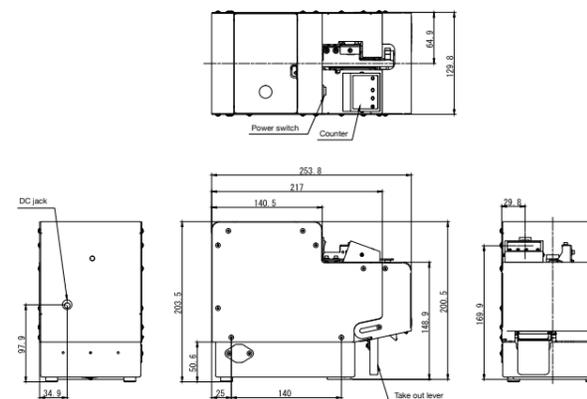
### Product type

Supported screw diameter (mm)	Main component type		Swap rail set type
	FM Series	FME Series	FM/FME Common across the series
3.0	FM-3630	FME-3630	FR30SET
3.5	FM-3635	FME-3635	FR35SET
4.0	FM-3640	FME-3640	FR40SET
5.0	FM-3650	FME-3650	FR50SET
6.0	FM-3660	FME-3660	FR60SET

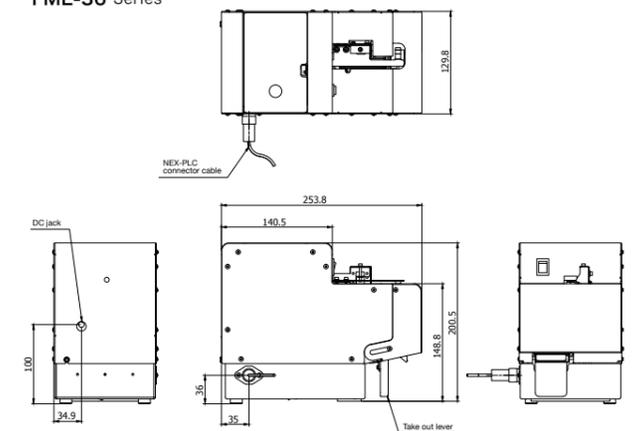
### Model Diagrams

Full diagrams of each model can be downloaded from our website.

#### FM-36 Series



#### FME-36 Series



### Specifications

Model name	FM-36	FME-36
Main component exterior dimensions	130(W)×254(D)×201(H)	
Main component volume (including the rail)	Approx. 6.0kgf	
Main component power supply	AC100V ~ 240V DC15V 1A AC adapter	
Drive motor	DC brush motor	
Overload protection/recovery circuit	○	
External signal line	○	
Brush overload protection mechanism	○	
Number configuration	99 maximum	127 maximum
Supported screw diameter	M3.0 ~ M6.0	
Supported screw under-head length	Up to 25 mm in length	
Screw capacity	Approx. 150cc	
Accessories and bundled items	Instruction manual, AC adapter, hex wrench, adjusting screwdriver, earth wire	
Extension box exterior dimensions	-	155(W)×113(D)×44(H)
Extension box power supply	-	AC100V ~ 240V DC24V 1.9A AC adapter

\*Note that some screw sizes may not support take out of 99 units.