

Entrust

leave it to us

Automatic screw feeder

FK-505 Series

(Fixed rail width)

FK-505RS(Automatic Screw feeder type)has terminated production at end of June, 2015.And the after-sales service will end at end of June,2020.

Repair for FK-505RS will remain available beyond repair period while component stock lasts.For further enquiry,please feel free to contact us.

FK-505 Series



EASY and FAST

The automatic screw feeder for enhancing efficiency and productivity.



FEEDKIDS

FK-505 Series (Fixed rail width)

- Supporting many screw and rail variations
- Applicable screw head shapes

FK-505: standard screw

FK-505RS: robot-compatible

FK-505 is based on RoHS.

We have purchased the business relating to this product from Sony EMCS Corporation as of March 31, 2013.

Entrust Corporation

◆Model Line up Fixed rail width type

Model		Nominal screw sizes (d)	Screw length (L)			Maximum length
FK-505 Standard screw	FK-505RS Automatic only		Minimum length			
			Single screw	Screw with spring washer	Screw with spring +flat washer	
FK-514	FK-514RS	1.4	1.4	—	—	18.0
FK-517	FK-517RS	1.7	1.6	—	—	
FK-520	FK-520RS	2.0	1.8	3.0	5.0	
FK-523 ※	FK-523RS ※	2.3	2.5	4.0	5.0	
FK-526	FK-526RS	2.6	2.8	4.0	6.0	
FK-530	FK-530RS	3.0	3.0	4.0	6.0	
FK-535 ※	FK-535RS ※	3.5	3.5	6.8	8.0	
FK-540	FK-540RS	4.0	4.0	6.8	8.0	
FK-550	FK-550RS ※	5.0	5.0	8.0	10.0	

※All products are manufactured upon receipt of orders. For delivery dates, please make inquiries to below sales agents.

(unit : mm)

◆Available screw type

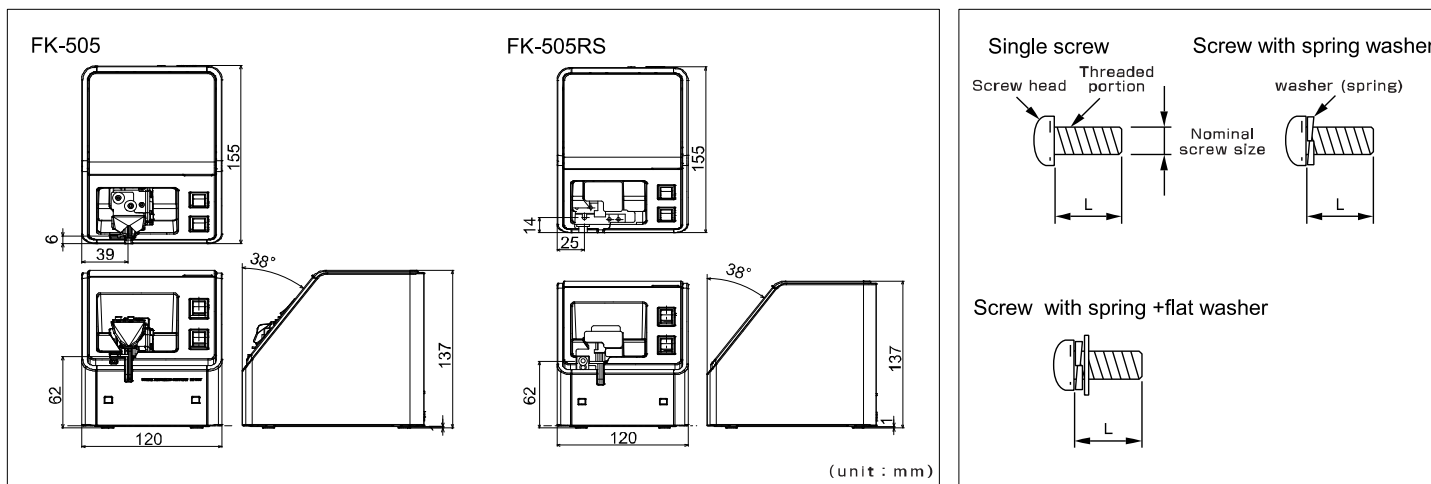
FK-505 Series	
Nominal screw sizes	9 rail variations (1.4~5.0)
Screw type	Machine screw, Tapping screw
Shape of screw head (+ shaped screw top)	JCIS : Pan-head—Type1, Type2, Type3 JIS : Pan-head, binding, truss, brazier, flat, pan-head with collar, w/t spring washer, w/t spring washer and washer
Material	Ferrum, or material attaching to magnet

※Caution : Please note no correspondence to the screw other than the above-mentioned.

◆Specifications

FK-505 Series	
Input Voltage	DC12V 200mA
AC adaptor (SQN30W12P-13)	AC100—240V 50/60Hz 12V, 2.5A AC cable (accessory)
DC plug	EIAJ Type
Outside dimentions	120 (W)×155 (D)×137 (H)mm
Mass (Main unit only)	FK-505 1.1Kg / FK-505RS 1.15Kg
Continuous screw supply speed	Applox. 1.5 sec per one screw (+P M3.0×8)
screw transfer method	Inclined rail type
Working environment	+10~+30℃(no condensation), Less than 1,000m above sea level
Storage temperature	—10~+50℃(no condensation)
Noise level	66 dB
Operating Environment	Indoor use only

◆Dimentions



⚠ Safety Precautions : To use the product safely, read and understand the contents of the instruction manual before use.

●Standards, specifications and appearance are subject to change due to continual improvements without prior notice.

●Indicating below is for using in European countries.

This apparatus intended for use in industrial environments. The apparatus shall not be used in the residential, commercial and light- industrial environment. It must not be connected to public power supply systems. It is only intended for use inside industrial power supply network.

Distributor

Entrust Corporation

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The contents of this material are as of April 2013.