

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

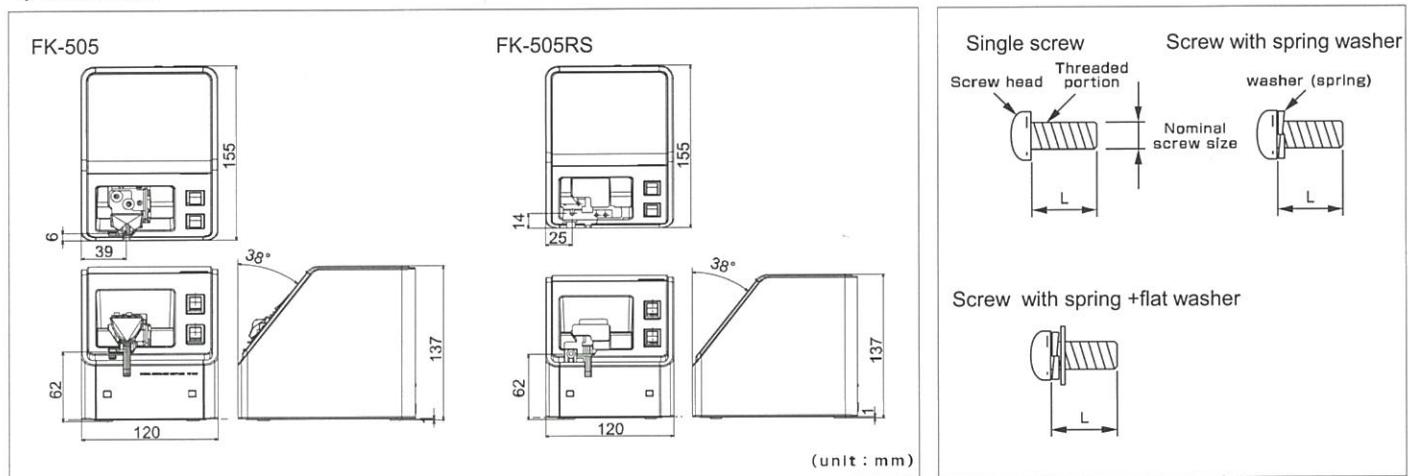
FK-505 Series	
Nominal screw sizes	9 rail variations (1.4~5.0)
Screw type	Machine screw, Tapping screw
Shape of screw head (+ shaped screw top)	JCIS : Pan-head – Type1, Type2, Type3 JIS : Pan-head, binding, truss, brazier, flat, pan-head with collar, w/t spring washer, w/t spring washer and washer
Material	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 dimention	120(W)×155(D)×137(H)mm
Mass (Main unit only)	FK-505 1.1Kg / FK-505RS 1.15Kg
Continuous screw supply speed	Applx. 1.5 sec per one screw (+P M3.0×8)
screw transfer method	Inclined rail type
Working environment	+10~+30°C(no condensation), Less than 1,000m above sea level
Storage temperature	-10~+50°C(no condensation)
Noise level	66dB
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

[Entrust International (Hong Kong) Co., Ltd]

Unit 807, 8/F, Fo Tan Industrial Centre, No.26-28

Au Pui Wan Street, Fo Tan, Shatin, New Territories-Hong Kong

tel. +852-3521-0916 fax. +852-3521-0915

[Head Office]

6F, 1-25-13, Higashigotanda, Shinagawa-ku, Tokyo,

141-0022, Japan

<http://www.entrust-group.co.jp>