



Prompt delivery and steady screw feeding are the important factors of a screw feeder. We have collected feedbacks from all brands users for their opinions to develop this screw feeder. We integrated our advantages with other brands and eliminated detriments that occurred on other brands. As the result, win situation is provided to both our distributors and customers. Please read operation manual before operating in order to achieve the max value of the screw feeder.

Specifications

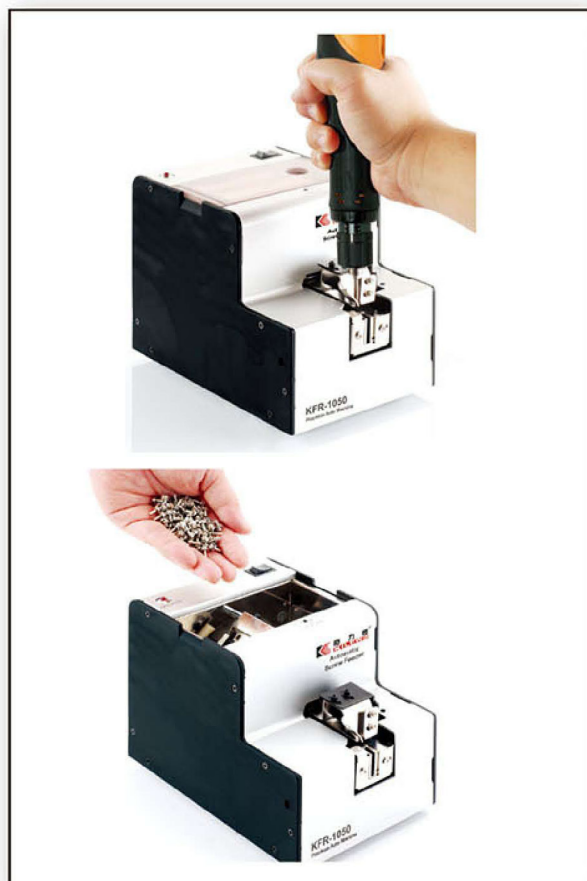
Model Name & Number	KFR-1050 Automatic Screw Feeder
Size	182(L)X126(W)X147(H) mm
Weight	2.5 Kg (w/o adapter)
Power Source	AC 100~240V
Switching Adaptor	DC 15V Switching Adaptor
Applicable Screw	From M1.0 to M5.0
Applicable Screw Length	Up to 19mm(under head)
Scoping Chamber Capacity	200~220 cc
Accessories (in package & box)	Allen Wrench (L Shaped 2.0 x 107 mm) X1 pc.
	Switching Adaptor x 1 Set.
	Accessory(front) (0.8 , 1.0 , 1.2 , 1.5 , 2.0 x 70 mm)X1 pc.
	Accessory(behind) (0.2 x 10 x 20 mm)X2 pcs (0.5 x 10 x 20 mm)X10 pcs.
	Stopper 2.0~5.0mmX1 pc.
	Instruction Manual
Package Size	Each Set/Box : 282(L)X142(W)X201(H)mm
	Each Carton : 450(L)X310(W)X435(H)mm
Package Weight (Including Machine)	Each Set/Box G.W : Approx 2.63 Kgs
	Each Carton G.W : Approx 16.53 Kgs(One Carton=6 Sets)

Features

- **WIDEST RANGE OF APPLICABLE SCREW SIZES :**
Between 1.0~5.0mm (Incl.: 1.0mm,1.2mm, 1.4mm, 1.7mm, 2.0mm, 2.3mm, 2.6mm, 3.0mm, 3.5mm, 4.0mm, & 5.0mm,) 11 sizes.
- **MAX OF SCREWS LENGTH & HOPPER CAPACITY :**
Screw Length : Up to 19mm (under screw head)
Capacity of hopper : 200~220 c.c
- **APPLICABILITY OF SPECIAL SCREW TYPES :**
Screw Length Thread Diameter (1=1, 1<1)
Thickness of screw head 0.2mm
No jamming or failure occurred with these applicable types and affect productivity.
- **SIZE OF FEEDING RAIL IS ADJUSTABLE :**
Feeding rail can be pulled out for width adjusts to the applied sizes easily. Measurements for width adjusting can be in metric or imperial units.
- **SAVE PARTS COSTS & STOCK :**
KFR-1050 allows adjusting the width of feeding rail to serve 11 sizes screws, between 1.0mm to 5.0mm diameter. The flexibility prevents dealers from stocking up on quantities for different sizes, and reduces the cost on related accessories for users.
- **ADJUSTABLE VIBRATION INTENSITY :**
With vibration in small amplitude at high strength, it moves screws On rail to pick-up point in good order, no overlay or jamming to affect the speed of movement and productivity.
- **HUMANIZED MULTI PROGRAMMING CONTROL :**
 - *Individual drive system for feeding and vibrating operation.
 - *Setting for suitable stop time without interapt to operate.
 - *Equipped ground wire, socket & buzzer for operative safety and alarm signal.
 - *PCB controls for efficiencies of desired speed & timing on each operating step.
 - *Switching Adaptor allowed AC 100~240V power source for stable DC 15V output No influences and problems due to the different AC power source of factories locations.

Other functions

PCB designed with short circuit and over load protection. Screw feeder and PCB grounding connection is also available. Power On/Off buzzer alert and blinking LED indicator.





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Other functions

PCB designed with short circuit and over load protection. Screw feeder and PCB grounding connection is also available. Power On/Off buzzer alert and blinking LED indicator.

Specifications

Model Name & Number	KFA-0820 Automatic Screw Feeder
Size	160(L)X82(W)X112(H) mm
Weight	1.53kg (w/o adapter)
Power Source	AC 100~240V
Switching Adaptor	DC 12V Switching Adaptor
Applicable Screw	From M0.8~M2.0
Applicable Screw Length	up to 5 mm
Horizontal Delivery Speed	42~90 pcs/min (0.7~1.5 Sec)
Feeding	Chamber Blanking
Scooping Chamber Capacity	4000pcs (for M1.4X4) / 1200pcs (for M2.0X5)

Features

- **WIDEST RANGE OF APPLICABLE SCREW SIZES :**
Between 0.8~2.0mm
- **MAX OF SCREWS LENGTH & HOPPER CAPACITY :**
Screw Length : Up to 5mm (under screw head)
Capacity of hopper : 4000pcs (for M1.4X4) / 1200pcs (for M2.0X5)
- **APPLICABILITY OF SPECIAL SCREW TYPES :**
Screw Length : Thread Diameter (1=1, 1<1)
Thickness of screw head 0.2mm
No jamming or failure occurred with these applicable types and affect productivity.
- **BRUSHLESS MOTOR :**
Adopting durable made in Japan brushless motor.
- **ADJUSTABLE RAILWAY :**
High precision wire cut adjustable railway. Adjustable rail, screw size from 0.8mm up to 2.0mm.
- **CIRCULAR LOOP FEEDING :**
Circular loop feeding, adopting durable aluminum extruded rail.
Screws are carried on a Circular track for smooth feeding.
- **ADOPTING MULTI-FUNCTIONAL :**
Adopting multi-functional smart PCB with material shortage alert and screw taking counting function in digital display. (Please contact our service center for detail information.)
- **SIGNAL OUTPUT FUNCTION :**
With screws in position signal output function.



SCREW FEEDER (FOR VACUUM TYPE SCREWDRIVER AND AUTOMATION SYSTEM)

KFA-0830 / KFA-0850



**KFA-0850A
(VACUUM TYPE)**

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Features

- **WIDEST RANGE OF APPLICABLE SCREW SIZES :**
Between 0.8~3.0mm (Incl. : 1.0mm, 1.2mm, 1.4mm, 1.7mm, 2.0mm, 2.3mm, 2.6mm, 3.0mm) 8 sizes.
- **APPLICABILITY OF SPECIAL SCREW TYPES :**
Screw Length : Thread Diameter (1=1, 1<1)
Thickness of screw head 0.2mm
No jamming or failure occurred with these applicable types and affect productivity.
- **BRUSHLESS MOTOR :**
Adopting durable made in Japan brushless motor.
- **ADJUSTABLE RAILWAY :**
High precision wire cut adjustable railway. Adjustable rail, screw size from 0.8mm up to 3.0mm.
- **HORIZONTAL LINEAR FEEDING :**
Horizontal linear feeding, adopting durable aluminum extruded rail.
Screws are carried on a horizontal track for smooth feeding.
- **ADOPTING MULTI-FUNCTIONAL :**
Adopting multi-functional smart PCB with material shortage alert and screw taking counting function in digital display. (Please contact our service center for detail information.)
- **SIGNAL OUTPUT FUNCTION :**
With screws in position signal output function.



KFA-0830

Other functions

PCB designed with short circuit and over load protection. Screw feeder and PCB grounding connection is also available. Power On/Off buzzer alert and blinking LED indicator.



**KFA-0850H
(PICK UP TYPE)**

Specifications

Model Name & Number	KFA-0830	KFA-0850
Size	182(L)X124(W)X146(H) mm	182(L)X124(W)X150(H) mm
Weight	3.0kg (w/o adapter)	3.1kg (w/o adapter)
Power Source	AC 100~240V	
Switching Adaptor	DC 12V Switching Adaptor	
Applicable Screw	From M0.8~M3.0	From M1.2~M3.5
Applicable Screw Length	1.0~15 mm	≤ 12 mm
Applicable Screw Dia.	1.2~9.5 mm	—
Horizontal Delivery Speed	46~50 pcs/min (1.2~1.3 Sec)	42~90 pcs/min (0.7~1.5 Sec)
Feeding	Chamber Blanking	
Scooping Chamber Capacity	200~220 c.c	2000pcs(for M1.2) 600pcs(for M3.5)