

# SCREW FEEDER (FOR VACUUM TYPE SCREWDRIVER AND AUTOMATION SYSTEM)



**KFA-0830**



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.

## 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               | <b>KFA-0830 Automatic Screw Feeder</b>                                    |
| Size                              | 182(L)X124(W)X146(H) mm   |
| Weight                            | 3.0kg (w/o adapter)   |
| Power Source                      | AC 100~240V   |
| Switching Adaptor                 | DC 12V Switching Adaptor  |
| Applicable Screw                  | From M0.8~M3.0  |
| Applicable Screw Length           | 1.0~15 mm   |
| Applicable Screw Dia.             | 1.2~9.5 mm  |
| Horizontal Delivery Speed         | 46~50 pcs/min (1.2~1.3 Sec)   |
| Feeding                           | Chamber Blanking  |
| Scooping Chamber Capacity         | 200~220 c.c   |
| Accessories<br>(in package & box) | Allen Wrench (L Shaped 2.0 x 107 mm) x 1 pc.                              |
|                                   | Switching Adapter x 1 Set.  |
|                                   | Accessory (front) (0.8, 1.0, 1.2, 1.5, 2.0 x 70mm) X 1pc.                 |
|                                   | Accessory (behind) (0.2 x 10 x 20mm) X 2pcs.<br>(0.5 x 10 x 20mm) X 6pcs. |
|                                   | Instruction Manual + Signal Output Module                                 |

## 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.
- **MAX OF SCREWS LENGTH & HOPPER CAPACITY :**  
Screw Length : Up to 15mm (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.
- **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.

