

NEW

H1OS[®]

Automatic Screw Feeder
AUTOMATIC SCREW FEEDER
HS SERIES

Easier to choose and install
HS Series New Lineup Launched



HERMES
TOOLS

HSV / HSV-RB | HS / HS-RB
M1.0-3.0 M3.5-5.0

Reliable quality, easy to choose and excellent cost performance.



The HS Series has been reorganized in terms of functionality to achieve better cost performance. The product lineup has been revamped to make it easier to choose the right model and install while maintaining high quality.

Supporting a wide variety of fine and precision

The HS Series has been redesigned to make it easier to choose the right model and offer better cost performance. It supports efficiency improvement through alignment and stable transport of screws, and meets the diverse needs of manufacturing sites with high-speed and space-saving design.



Reducing human errors and improves production line efficiency

Realizes quicker and more stable screw supply than manual screw pickup. It uniformizes the process and reduces variations due to human factors to improve efficiency of the whole production line.



High vibration damping performance and stable transport by take-out method

One unit can handle screws with different diameters. Various screws can be handled simply by replacing the rail*. The rotary escaper prevents stacking of screws and precisely and smoothly supplies them. The vibrating rails are precisely controlled to increase the supply speed and contribute to efficiency.



*Depending on the model, parts other than the rail have to be replaced.

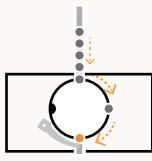
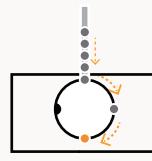
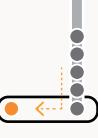
Emergency recovery function and external linkage

In the event of an abnormality such as excessive screw insertion or clogging, the motor is rotated in reverse to automatically recover. Even if it is not possible to recover, safety is ensured by cutting off the power supply. In addition, all models are equipped with external output signals as standard, and can be linked to robots and counters to enhance expansion and reliability.

External output signal

For manual operation	A signal outputs when a screw is taken out
For automatic machine	A signal outputs for presence/absence of a screw at the screw take-out section

- New Lineup -

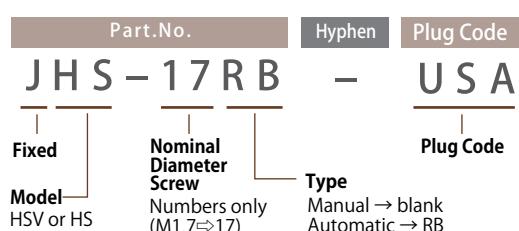
区分	HSV Series (for M1.0-3.0)		HS Series (for M3.5-5.0)	
	Manual Operation	Automated Machines	Manual Operation	Automated Machines
Model	HSV 	HSV-RB 	HS 	HS-RB 
Take out method	Rotary escaper 	Rotary escaper 	Linear rail	Slide escaper 
Nominal Screw Diameter	Part No.	Part No.	Part No.	Part No.
M1.0	JHSV-10	JHSV-10RB	-	-
M1.2	JHSV-12	JHSV-12RB	-	-
M1.4	JHSV-14	JHSV-14RB	-	-
M1.7	JHSV-17	JHSV-17RB	-	-
M2.0	JHSV-20	JHSV-20RB	-	-
M2.3	JHSV-23	JHSV-23RB	-	-
M2.6	JHSV-26	JHSV-26RB	-	-
M3.0	JHSV-30	JHSV-30RB	-	-
M3.5	-	-	JHS-35	JHS-35RB
M4.0	-	-	JHS-40	JHS-40RB
M5.0	-	-	JHS-50	JHS-50RB
Maximum thread length	20mm	20mm	18mm	18mm
Screw capacity	80cc	80cc	150cc	150cc
Cycle time	-	0.9sec	-	1.5sec
Overload protection function	●	●	●	●
External output signal	●	●	●	●
Power supply	Input: AC100-240V 50/60Hz Output: DC15V 2.4A			
Weight (including rail)	3.0Kg	3.0Kg	3.7Kg	4.4Kg
External dimensions W x D x H (mm)	123×181×146	123×181×146	130×215×139	134×274×139

Order Guide

When placing an order, please specify the product Part No. from the Model Selection Table and the corresponding Plug Code for your region from the Plug Code List. *Insert a hyphen (-) between the Part No. and the Plug Code.

■Plug Code List

Plug Code	PSE	EUHK	UKSP	USA	CN	CN-E
Region	Japan	Europe	UK/Ireland/Malaysia	North America	China	Thailand/Philippines
Plug	 PSE	 C	 BF	 UL	 CN	



For manual operation
HSV

Supported Thread length

Max. 20mm

Supported screw diameter

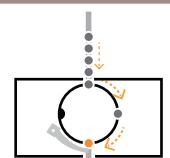
M1.0-M3.0

Capacity

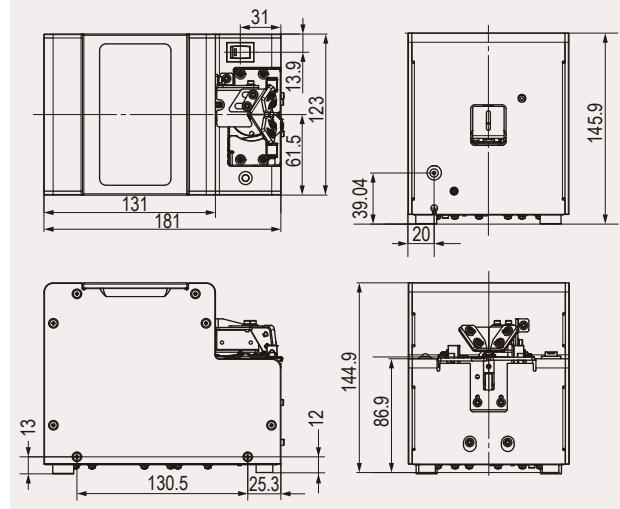
80cc

Take out method

Rotary escaper



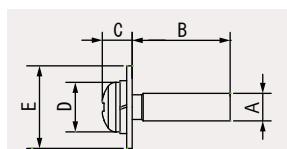
- Rail replacement type that supports 8 types of screw diameters of M1.0-M3.0 with 1 unit.
- Uses a rotary escaper at the screw take-out.
- Eliminates stacking of screws and stabilizes chucking.
- Speedy catches unstable flat head, washered, and thin head screws.



■ Specifications

Thread length (max.)	Screw capacity	Overload protection recovery	Power supply (AC adapter)	External dimensions W x D x H (mm)	Weight	Supported screw head shape		Accessories
20mm	80cc	In the case of overload, reverse. After recovery, normal rotation	Input: AC100-240V 50/60Hz Output: DC15V2.4A	123×181×146	3.0kg (including rail)	JHSV-10 JHSV-12 JHSV-14 JHSV-17 JHSV-20 JHSV-23 JHSV-26 JHSV-30	Precision Screws	AC adapter, 1 hex wrench (width across flats 2 mm), 1 screwdriver for adjustment, 1 ground wire, and Instruction Manual AC adapter Part No. JHVAD-280520009 (Adapter only) Plug Part No. Depending on an order code

*1: Max. diameter of washer E: 9 mm, thickness up to 0.35-1.0 mm *2: Cannot be used with M2.3 and M2.6



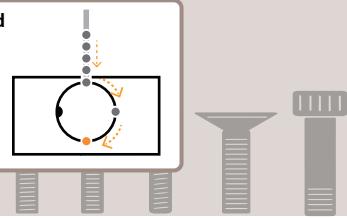
■ Guide for Feedable Screws

Model	Part No.	Nominal Screw diameter	Screw shank diameter A (Φ)	Screw head diameter D (Φ)	Screw head thickness C (mm)	Thread Length B (mm)	Replacement rail set Part No.	Replacement rail set contents			
								Rail	Escaper plate	Passing plate	Escaper guide
	JHSV-10	M1.0	0.9-0.95	1.8-4.5	0.35-1.0	1.6-10	JHSV-R10S-280402000				
	JHSV-12	M1.2	1.1-1.15	1.8-4.5	0.35-1.0	1.9-10	JHSV-R12S-280402103				
	JHSV-14	M1.4	1.3-1.4	2.0-4.5	0.35-1.0	2.2-10	JHSV-R14S-280402206				
	JHSV-17	M1.7	1.6-1.7	2.0-4.5	0.35-1.0	2.7-10	JHSV-R17S-280402309				
	JHSV-20	M2.0	1.9-2.1	3.0-6.0	0.35-4.5	3.2-20	JHSV-R20S-280402402				
	JHSV-23	M2.3	2.2-2.4	3.3-6.0	0.35-4.5	3.7-20	JHSV-R23S-280402505				
	JHSV-26	M2.6	2.5-2.7	3.6-6.0	0.35-4.5	4.2-20	JHSV-R26S-280402608				
	JHSV-30	M3.0	2.9-3.2	4.0-6.0	0.35-4.5	4.8-20	JHSV-R30S-280402701				

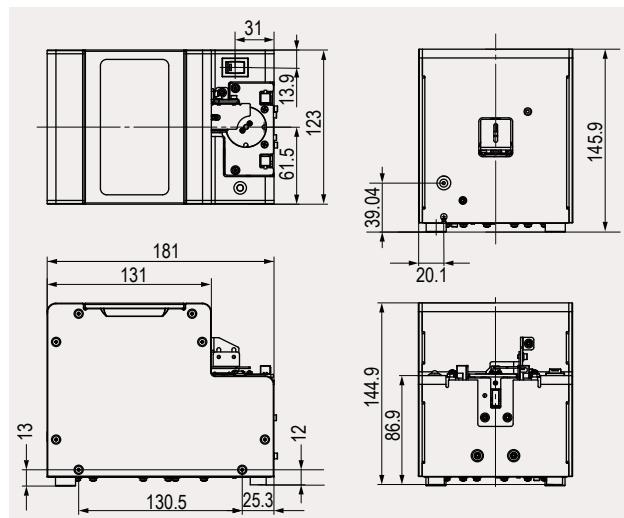
For automated machine

HSV-RB

Supported Thread length Max. 20mm	Supported screw diameter M1.0-M3.0	Capacity 80cc	Takt time 0.9sec	Take out method Rotating escaper
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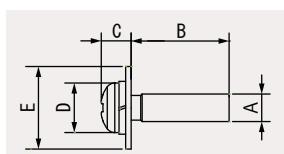
- Rail replacement type that supports 8 types of screw diameters of M1.0-M3.0 with 1 unit.
- Uses a rotary escaper at the screw take-out.
- Eliminates stacking of screws and stabilizes chucking.
- Speedy catches unstable flat head, washered, and thin head screws.
- Supports suction-type screwdrivers.



Specifications

Thread length (max.)	Screw capacity	Overload protection recovery	Power supply (AC adapter)	External dimensions W x D x H (mm)	Weight	Supported screw head shape		Accessories
20mm	80cc	In the case of overload, reverse. After recovery, normal rotation	Input: AC100-240V 50/60Hz Output: DC15V2.4A	123×181×146	3.0kg (including rail)	JHSV-10RB JHSV-12RB JHSV-14RB JHSV-17RB	Precision Screws	AC adapter, 1 hex wrench (width across flats 2 mm), 1 screwdriver for adjustment, 1 ground wire, and Instruction Manual
						JHSV-20RB JHSV-23RB JHSV-26RB JHSV-30RB	Pan head, pan head (sems, double sems, washer head*1), binding, flat head, with hex hole*2	AC adapter Part No. JHVAD-280520009 (Adapter only) Plug Part No. Depending on an order code

*1: Max. diameter of washer E: 9 mm, thickness up to 0.35-1.0 mm *2: Cannot be used with M2.3 and M2.6



Guide for Feedable Screws

Model	Part No.	Nominal Screw diameter	Screw shank diameter A (Φ)	Screw head diameter D (Φ)	Screw head thickness C (mm)	Thread Length B (mm)	Replacement rail set Part No.	Screw Size Designation
HSV-RB	JHSV-10RB	M1.0	0.9-0.95	1.8-4.5	0.35-1.0	1.6-10	JHCSR-R10S-280401009	
	JHSV-12RB	M1.2	1.1-1.15	1.8-4.5	0.35-1.0	1.9-10	JHCSR-R12S-280401102	
	JHSV-14RB	M1.4	1.3-1.4	2.0-4.5	0.35-1.0	2.2-10	JHCSR-R14S-280401205	
	JHSV-17RB	M1.7	1.6-1.7	2.0-4.5	0.35-1.0	2.7-10	JHCSR-R17S-280401308	
	JHSV-20RB	M2.0	1.9-2.1	3.0-6.0	0.35-4.5	3.2-20	JHCSR-R20S-280401401	
	JHSV-23RB	M2.3	2.2-2.4	3.3-6.0	0.35-4.5	3.7-20	JHCSR-R23S-280401504	
	JHSV-26RB	M2.6	2.5-2.7	3.6-6.0	0.35-4.5	4.2-20	JHCSR-R26S-280401607	
	JHSV-30RB	M3.0	2.9-3.2	4.0-6.0	0.35-4.5	4.8-20	JHCSR-R30S-280401700	

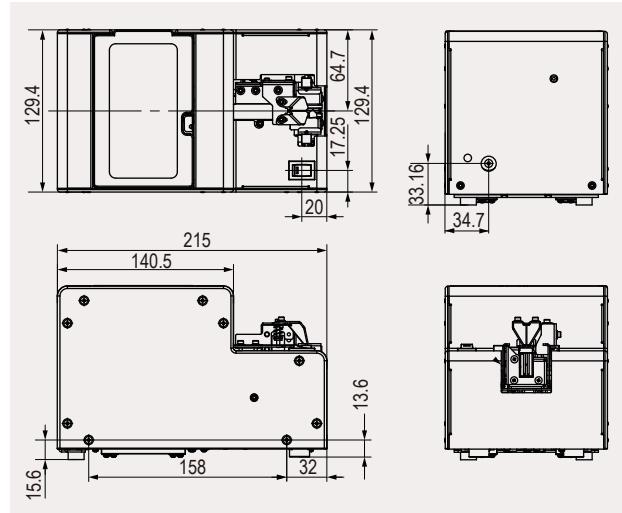
For manual operation

HS

Supported Thread length Max. 18mm	Supported screw diameter M3.5-5.0	Capacity 150cc	Take out method Linear rail
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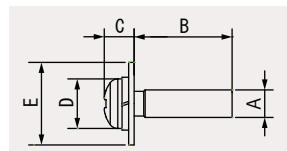
- Rail replacement-type that supports 3 types of screw diameters of M3.5-M5.0 with 1 unit.
- Large capacity type that can stock approx. 150CC screws.



■ Specifications

Thread length (max.)	Screw capacity	Overload protection recovery	Power supply (AC adapter)	External dimensions W x D x H (mm)	Weight	Supported screw head shape	Accessories	
18mm	150cc	In the case of overload, reverse. After recovery, normal rotation	Input: AC100-240V 50/60Hz Output: DC15V2.4A	130×215×139	3.7Kg (including rail)	JHS-35 JHS-40 JHS-50	Pan head, pan head (sems, double sems, washer head*1), binding, flat head, with hex hole*2	AC adapter, 1 hex wrench (width across flats 2 mm), 1 screwdriver for adjustment, 1 ground wire, and Instruction Manual AC adapter Part No. JHVAD-280520009 (Adapter only) Plug Part No. Depending on an order code

*1: Washer thickness up to 0.35-1.0 mm *2: Cannot be used with hex socket type for M3.5



■ Guide for Feedable Screws

Model	Part No.	Nominal Screw diameter	Screw shank diameter A (Φ)	Screw head diameter D (Φ)	Washer Diameter (E)	Screw head thickness C (mm)	Thread Length B (mm)	Replacement rail set Part No.	Screw Size Designation
HS	JHS-35	M3.5	3.3-3.7	4.8-8.0	4.8-12	0.5-8.0	5.6-18	JHS-R35S-283401400	
	JHS-40	M4.0	3.8-4.1	5.4-8.0	5.4-12	0.5-8.0	6.4-18	JHS-R40S-283401503	
	JHS-50	M5.0	4.8-5.1	6.2-10	6.2-12	0.5-8.0	8.0-18	JHS-R50S-283401606	

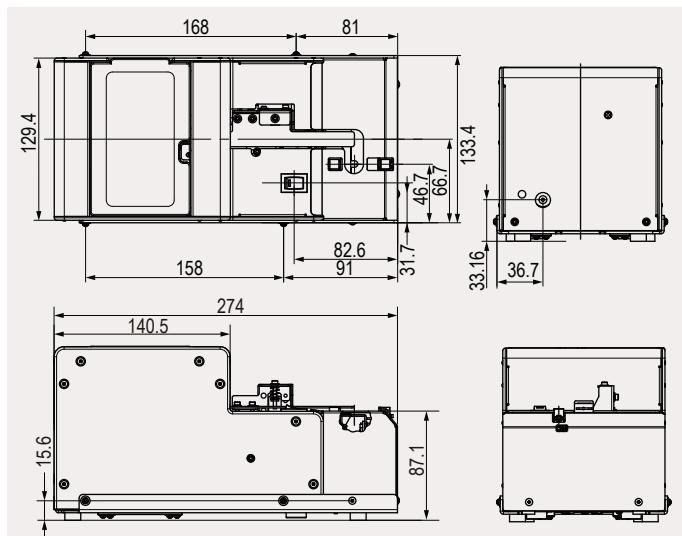
For automated machine

HS-RB

Supported Thread length Max. 18mm	Supported screw diameter M3.5-5.0	Capacity 150cc	Takt time 1.5sec	Take out method Slide escaper
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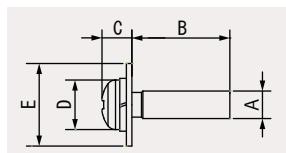
- Rail replacement-type that supports 3 types of screw diameters of M3.5-M5.0 with 1 unit.
- Large capacity type that can stock approx. 150CC screws.
- Supports suction-type screwdrivers.



■ Specifications

Thread length (max.)	Screw capacity	Overload protection recovery	Power supply (AC adapter)	External dimensions W x D x H (mm)	Weight	Supported screw head shape	Accessories	
18mm	150cc	In the case of overload, reverse. After recovery, normal rotation	Input: AC100-240V 50/60Hz Output: DC15V2.4A	134×274×139	4.4Kg (including rail)	JHS-35RB JHS-40RB JHS-50RB	Pan head, pan head (sems, double sems, washer head*1), binding, flat head, with hex hole*2	AC adapter, 1 hex wrench (width across flats 2 mm), 1 screwdriver for adjustment, 1 ground wire, and Instruction Manual AC adapter Part No. JHVAD-280520009 (Adapter only) Plug Part No. Depending on an order code

*1: Washer thickness up to 0.4-1.0 mm *2: Cannot be used with hex socket type for M3.5



■ Guide for Feedable Screws

Model	Part No.	Nominal Screw diameter	Screw shank diameter A (Φ)	Screw head diameter D (Φ)	Washer Diameter (E)	Screw head thickness C (mm)	Thread Length B (mm)	Replacement rail set Part No.	Screw Size Designation
HS-RB	JHS-35RB	M3.5	3.3-3.7	4.8-8.0	4.8-12	0.5-8.0	5.6-18	JHSRB-R35S-281401404	Rail Passing plate
	JHS-40RB	M4.0	3.8-4.1	5.4-8.0	5.4-12	0.5-8.0	6.4-18	JHSRB-R40S-281401507	Rail Passing plate
	JHS-50RB	M5.0	4.8-5.1	6.2-10	6.2-12	0.5-8.0	8.0-18	JHSRB-R50S-281401600	Rail Passing plate Rail Stopper



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○Information in this document is the latest as of November 2025 ○ Catalog No. HSEN(25A)



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