




# RIVET SETTER

## Fukui Byora's rivet setter that meets diversified needs

Fukui Byora's rivet setter equipped with an automatic rivet feeder will dramatically improve efficiency in fastening work.

### Specifications

Model		RS512	RS620	RS305										
Photo														
Source voltage		Single-phase 100 VAC	Three-phase 200 VAC	Three-phase 200 VAC										
Power consumption (W)		400	400	400										
Drive system		Pressurizing by cam	Pressurizing by cam	Pressurizing by flywheel										
Takt time	50Hz	0.4s (60spm)	0.6s	0.4s										
	60Hz		0.5s	0.3s										
Allowable pressurization load		9kN	15kN	15kN										
Machine dimensions	Dimensions (mm)	W340×D585×H830	W600×D800×H1720	W600×D870×H1550										
	Arm length (mm)	200 (300or400)	320 (400)	320 (400)										
	Work height (mm)	280	967	967										
Weight		110kg	300kg	310kg										
Applicable rivet size	Semi-tubular	SW or BS or CU	Shank diameter	1.6~4.5	Max length L	12(20)	Shank diameter	3~6	Max length L	15(25)	Shank diameter	3~6	Max length L	15(30)
		SUS	Shank diameter	1.6~3.5			Shank diameter	3~5			Shank diameter	3~4		
		AL	Shank diameter	1.6~6			Shank diameter	3~6			Shank diameter	3~6		
	Self-piercing	SW	Shank diameter	2	Max length L	Standard size	Shank diameter	3~3.6	Max length L	Standard size	Shank diameter	3~3.6	Max length L	Standard size
		SUS	Shank diameter	-			Shank diameter	3~3.5			Shank diameter	3~3.5		

Note) (1) The standard specification of our rivet setter is based on the JIS B 1215 low round head rivet fastening. When the standardized JIS B 1215 rivet has the head other than low round or the dimensions partially different from the specification (e.g., hole diameter), it shall be handled as optional specification.

(2) The figures in ( ) are optional sizes. (3) In the case of shaft diameter of 1.6 mm, the special specification may be adopted depending on type of material or length L.

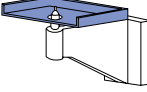
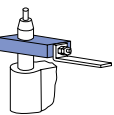

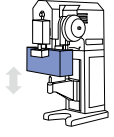
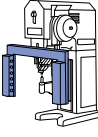
(4) Trial fastening may be required depending on fastening conditions (please ask us in advance). (5) The specifications above are subject to change without notice.

(6) Specialized rivet setter can be built according to your fastening conditions. If you are interested, please consult with us.

### Optional specifications

Code	Description	Code	Description		
30BR	Arm length 300 mm (for RS525 only)	ALU	Pilot pin lockup system (pneumatic)		
40BR	Arm length 400 mm (for all the models)	MLU	Pilot pin lockup system (mechanical)		
AH	Automatic hopper	PS	Punch up/down slide mechanism		
PF	Parts feeder	ARP	Rivet forced insertion system		
L	L-spec: Length L up to 4 times the shank diameter	ARE	Pneumatic escape system		
LL	LL-spec	RS525	Length L: 15 to 24 mm	E	Power supply specification (e.g., overseas)
		RS305	Length L: 15 to 30 mm	SP	Spotlight
		RS620	Length L: 15 to 25 mm	T2	Wheeled table (for desktop type)

### Rivet setter safety devices

Workpiece holder	Lockup curling set	Two-hand control button switch	Shutter-type safety device	Photoelectric safety device
				

Remarks) All the safety devices above are optional extras.