

VS series

(650–850 mm)

F E A T U R E S

High speed

Fastest cycle time in their class (0.49 sec.)

High power

Highest payload and one of the highest applicable maximum moments of inertia in their class

Choice of configurations

IP54/65
Cleanroom (Class 10)

Compact design

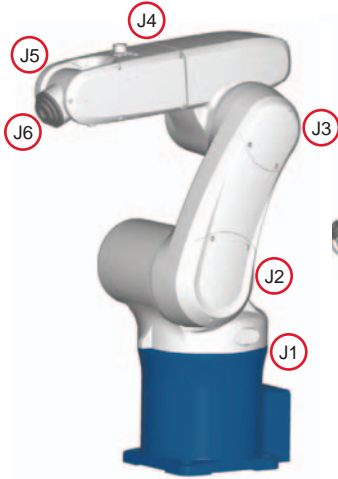
Minimizes interference with surrounding equipment

Ceiling-mountable

All models



MAIN SPECIFICATIONS :



Max. joint speed

J1: 375°/sec.
 J2: 300°/sec.
 J3: 375°/sec.
 J4: 410°/sec.
 J5: 410°/sec.
 J6: 660°/sec.

Reach (to center of 5th axis):	650 mm	850 mm
Number of axes:	6	6
Model name:	VS-6556	VS-6577
Maximum payload:	7 kg	7 kg
Maximum composite speed:	8,200 mm/sec.	7,600 mm/sec.
Cycle time:	0.49 sec.	0.59 sec.
Repeatability:	±0.02 mm	±0.03 mm
Max. moment of inertia:	J4/J5: 0.295 kgm ² J6: 0.045 kgm ²	J4/J5: 0.295 kgm ² J6: 0.045 kgm ²
Total weight (approx):	35 kg	36 kg
Range of motion:	J1: ±170°; J2: +135°, -100°; J3: +166°, -119°; J4: ±190°; J5: ±120°; J6: ±360°	
Protection class:	Standard: IP40, option: IP54/65, CC10	
Brakes:	2nd, 3rd and 4th axis (5th and 6th axis optional)	
Position detection:	Absolute encoder	
Wiring (in-arm integrated):	10 lines (max 1 A per line)	
Air piping (in-arm integrated):	7 sys. (ø4 x 6, ø6 x 1), three 2-pos. double solenoid valves	