

VS(L) series

(650mm - 850mm)

F E A T U R E S

High Speed

Top performance in its class, with a cycle time of 0.49 sec

High Power

One of the highest applicable maximum moment of inertia in its class.

Abundant Variations

IP54/65 and Clean room Class 10

Downsized Body

Minimizing interference with surrounding equipment.

Ceiling Mounting

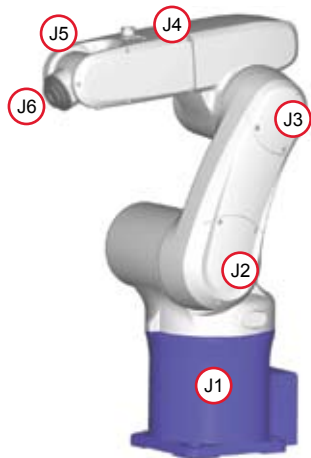
Each model can be used as ceiling mounted.

Little weight

Arm weights less than 30kg which allows light constructed cells.



MAIN SPECIFICATIONS :



J1=375 deg/sec
 J2=300 deg/sec
 J3=375 deg/sec
 J4=410 deg/sec
 J5=410 deg/sec
 J6=660 deg/sec

Reach (till centre 5th axis):	650mm	850mm
Number of axis:	6-axis	6-axis
Model name	VS-6556	VS-6577
Maximum payload:	5 kg	5 kg
Composite maximum speed:	8200mm/sec	7600mm/sec
Cycle time:	0.49 sec	0.59 sec
Position repeatability:	±0.02mm	±0.02mm
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):	28 kg	29 kg
Motion angle	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, 4th, 5th and 6th axis.	
Position detection:	Absolute encoder.	
Wiring (in arm integrated):	10 lines (max 1Amp, for signaling).	
Air piping (in arm integrated):	7 sys. (ø4×6, ø6×1), 3× 2-pos. double solenoid valves.	