

HS series

(350–550 mm)

FEATURES

Wide range of reaches

350, 450 and 550 mm

Choice of configurations

Standard (IP40)

Bellows on 3rd axis (IP40/65)

Dust- and mistproof (IP65)

Cleanroom (Class 10)

High speed

Standard cycle time 0.35 sec.

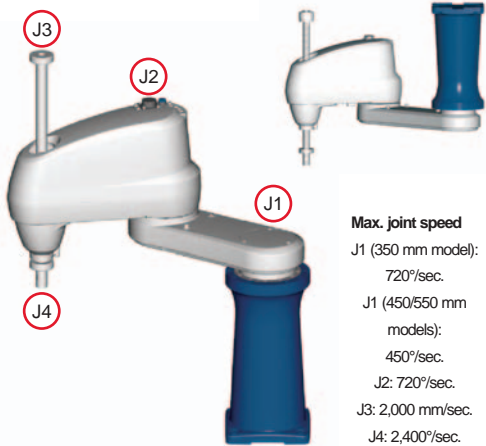
Powerful

One of the highest applicable maximum moments of inertia in their class.

Ceiling-mountable

450 and 550 mm reaches





MAIN SPECIFICATIONS :

Maximum arm reach:	350 mm	450 mm	550 mm
Model name:	HS-4535	HS-4545	HS-4555
Maximum payload:	5 kg	5 kg	5 kg
Maximum composite speed:	7,200 mm/sec.	6,300 mm/sec.	7,100 mm/sec.
Repeatability:	±0.015 mm	±0.02 mm	±0.02 mm
Maximum moment of inertia:	0.1 kgm ²	0.1 kgm ²	0.1 kgm ²
Total weight (approx):	25 kg	25 kg	25 kg
Cycle time:	0.35 sec.	0.35 sec.	0.35 sec.
Range of motion:	J1: ±155°, J2: ±145°, T: ±360°		
Z-axis (vertical stroke):	200 mm; option: 320 mm		
Protection class:	Standard: IP40; options: IP40/65, IP65, CC10		
Position detection:	Absolute encoder		
Maximum force fit:	98 N (1 sec. or less)		
Wiring (in-arm integrated):	19 lines (max. 1 A per line)		
Air piping (in-arm integrated):	4 systems (ø4 x 2, ø6 x 2)		
Remarks:	4th-axis flange included		