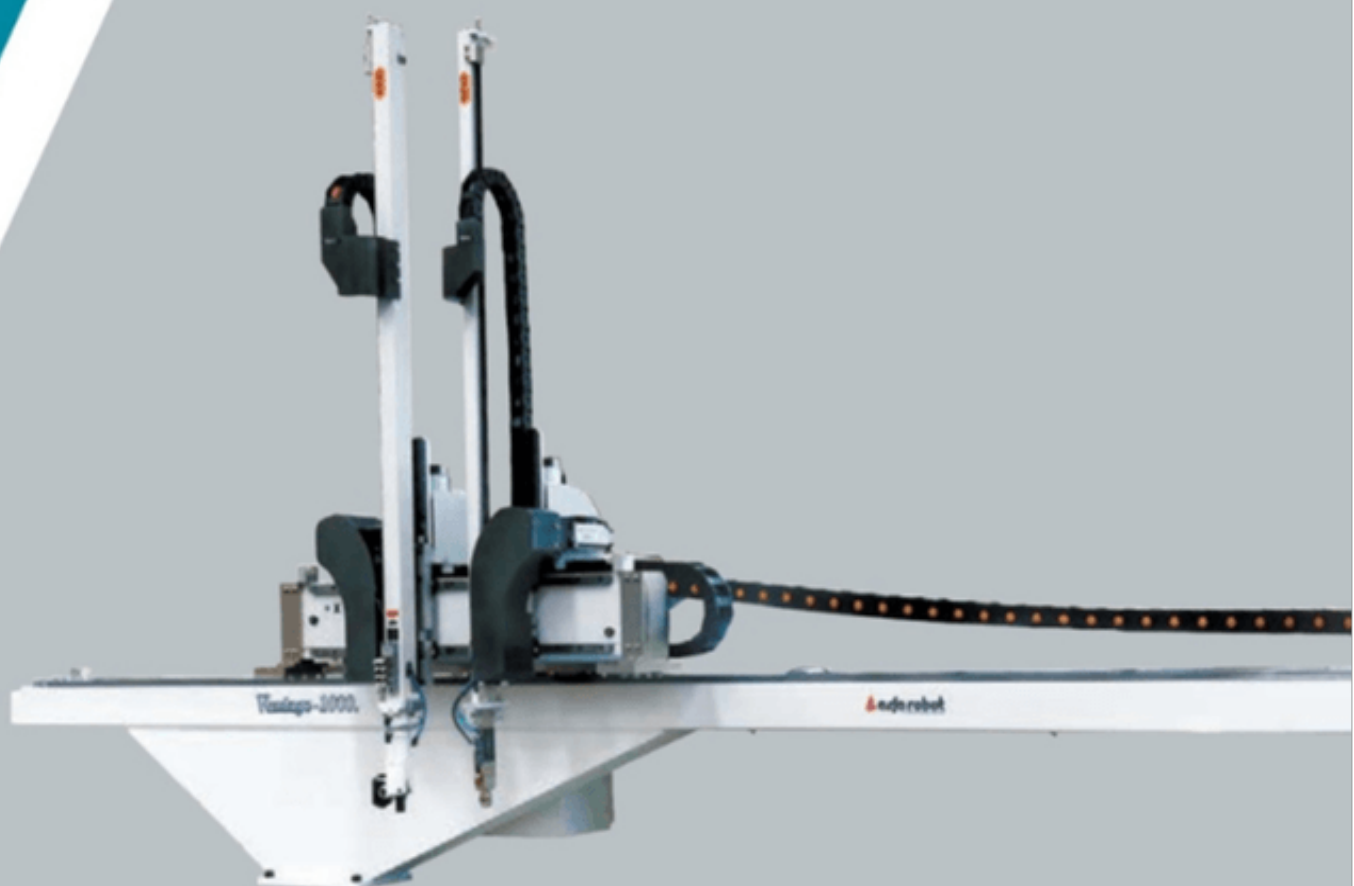


VA Series

Servo Driven
Longitudinal Beam Robots



VA□□□ID/IS/WD/WS/Y

Model : 700-900/1000-1400/1500-1900

W : Telescopic type

I : Single stage

D : Product arm+ Runner arm

S : Product arm

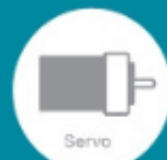
Y : Servo driven on traverse axle



Single stage/
Telescopic type



Aluminum profile
side structure



1 axis/ 2 axis/
3 axis/ 5 axis



Linear slide rail



Space Saving, High Speed,
High Efficiency, Low Noise,
Long Use Life, Super Economy

/ Vantage Series



50–1600 T

Clamping force



5–25 kg

Load



± 0.1 mm

Repeat accuracy



1.2sec

Dry take out time



6.8 sec

Dry cycle time

Vantage series is suitable for horizontal injection molding machine ranging from 50 tons to 1600 tons and vertical stroke is from 700mm to 1900mm. Unlike the traditional beam robots, VA series should be installed in such a direction that the product and sprue are taken out and released to the end of the machine, thus saving the installation space by 30% to 40%.

/ General Specification

Power Source	Power Capacity (KVA)	Working Pressure	Max. Allowed Pressure	Drive System
1Φ AC220V ± 20V 50 / 60 HZ	0.2	5Kgf / cm ² 0.49Mpa	8Kgf / cm ² 0.8Mpa	According to model



/ Main Specification

Model	VA700 ID/IS/WD/WSY (S3/S5)	VA900 ID/IS/WD/WSY (S3/S5)	VA1000 ID/IS/WD/WSY (S3/S5)	VA1400 WD/WSY (S3/S5)	VA1500 WD/WS (S3/S5)	VA1900 WD/WS (S3/S5)
Recommended I.M.M. (ton)	50-200	200-350	300-400	550-800	650-1000	1000-1600
Traverse Stroke (mm)	Non-standard customization					
Traverse Driven	AC servo motor					
Crosswise Stroke (mm)	Non-standard customization					
Vertical Stroke (mm)	700	900	1000	1400	1500	1900
Max.Loading (Kg)	5	5	12	12	15(25)	15(25)
Dry Take Out Time (sec)	According to model					
Dry Cycle Time (sec)						
Air Consumption (NI/cycle)						
Net Weight (Kg)						

* All statements here subject to change without advance notice.

* The repeat accuracy for VA700 to VA900 is $\pm 0.1\text{mm}$, and for VA1000 to VA1900 is $\pm 0.2\text{mm}$.

