

# V1000IS

Full Servo Robot

IMM RANGE 380 – 470 Tons



V1700ID	Standard		Metric	
<b>Movement</b>	Vertical Arm	Single Stage	Single Stage	Vertical Arm
<b>IMM Range</b>	US Tons	380 - 470	3381 - 4181	kN
<b>Max Payload</b>	lbs	17.64	8	kg
<b>Vertical Stroke</b>	in	39.37	1000	mm
<b>Single Arm Strip</b>	in	35.43	900	mm
<b>Traverse</b>	in	62.99	1600	mm
<b>Gripper Angle</b>	Degree (°)	90	90	Degree (°)
<b>Robot Weight</b>	lbs	871	395	kg
<b>Drive System</b>	Drive	AC Servo Motor	AC Servo Motor	Drive
<b>Working Air Pressure</b>	psi	73	0.5	MPa
<b>Air Consumption</b>	in <sup>3</sup> /cycle	317	5.2	NL/cycle
<b>Power Supply</b>	Power Supply	460V / 3P / 60Hz	460V / 3P / 60Hz	Power Supply

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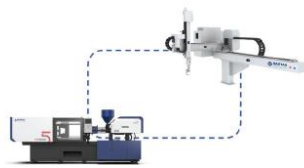
Full Servo Robot

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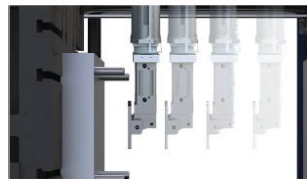


## STANDARD FEATURES:

- 7-Inch Color Touchscreen Control
- Riser/Adapter Plate
- 2 Vacuum Circuits
- 2 Gripper Circuits
- Spare 18 Inputs / 14 Output Signals
- Pneumatic “Flip” C-Axis
- 3-Axis Synchronized Movement
- Advanced Vibration Dampening
- Fully Unlocked Robot Pendant
- Large Mold Storage Capacity
- Advanced Mold & Vertical Arm Protection
- Quick Change Universal Mounting Plate on Vertical Arm
- Flexible Orientation Swap for Operator or Non-Operator Part Discharge
- Euromap 67 IMM Interface



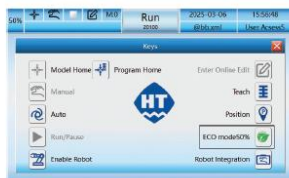
Seamless IMM to Robot Integration via Ethernet



Ejector Pin Follow



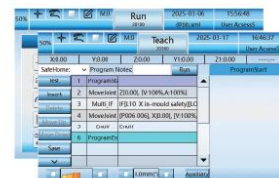
Advanced Mold Protection



ECO Mode



Flexible Program Switching



Teach Homing