

VariTend™

STANDARD ROBOTIC MACHINE TENDING SYSTEM

RNA's VariTend™ presents a precise flexible robotic handling solution for injection moulding and machine tending applications, coupled with an integrated out-feed compact conveyor system.

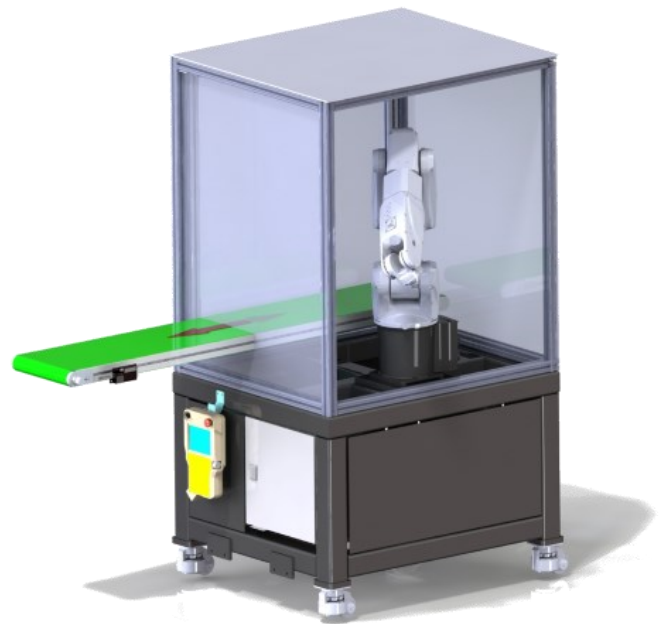
Suitable for:

- Injection Moulding
- CNC Machining
- Lathes
- Other types of machine tending requirements

Applications:

VariTend™ can be used to automate a variety of manufacturing processes, including:

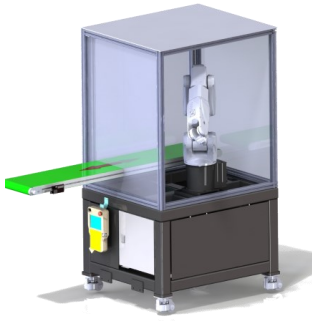
- Injection moulding part removal
- Sprue cutting, deburring and flash removal.
- Inspection - Dimensional, colour etc
- Part insertions into the mould
- Quality control
- Sub assembly
- Part sorting - rejects or samples
- De-ionising systems
- CNC milling or turning tending



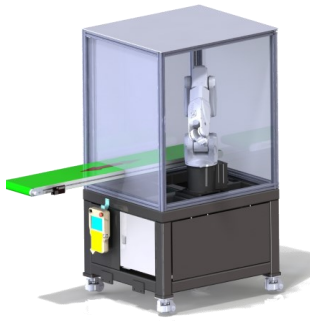
Included in VariTend™

- A 6-axis robot – 3 sizes
- Part Outfeed Conveyor
- Robot controller
- IMM Control and Safety Interfaces
- Delivery and installation
- 24 months warranty

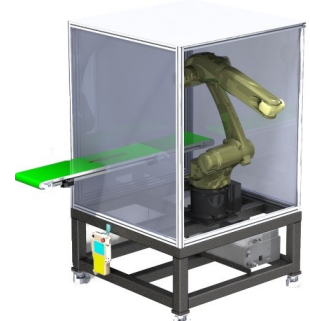
50T - 100T



100T - 150T



150T - 200T



SPECIFICATION

Dimensions	1000 x 865 x 1824 mm	1000 x 865 x 1824 mm	1200 x 1215 x 2014 mm
Robot	Nachi	Nachi	Nachi
	Euromap 67 and 73 interfaces (or equivalent interfaces) mounted onto the frame		
	Upper arm services: 2 x monitored vacuum and 1 x un-monitored grip		
	Interlocked safety guarding, mounted on a fabricated frame fitted with castors		
	Frame to IMM fixing brackets		
	Indexing conveyor		
	External programming pendant		
	Various length/width to suit your applications		
Requirements	The moulding machine must have the relevant Euromap or equivalent interfaces to connect to the cell		
	Mechanical Interface (included)		
Options	<ul style="list-style-type: none"> ■ Bespoke end or arm tooling ■ Vision system ■ De-gating station 		
	Get in touch for any specialised options		

- **Standard automation solution** Faster and more reliable lead times for your customers
- **Compact and modular** Save valuable floor space and overcome head height limitations
- **Easy configuration and installation** Fast and easy configuration adjusting to changes and demands
- **Repeated accuracy** Improving quality and consistency of production while reducing material waste
- **Increased operational throughput** Solve labour shortage problems and boost productivity
- **Shorter ROI and lower overhead cost** compared to manual machine tending
- **24 months warranty as standard**
- **Finance options available**