



gridbots

ROBOTIC PACKAGING SYSTEMS

25 CARTONS PER MINUTE

ROBOT BASED PICK AND PLACE

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INNOVATION IN AUTOMATIC PACKAGING

SPIDER ROBOT BY GRIDBOTS

- Spider Robot is a high speed robot for picking and placing of items directly from the conveyor belt. The robot is servo driven with high precision and quality harmonic gear boxes.
- This system comes with integrated machine vision and multiple gripper options where user can pick any item ranging from 2 mm to 250 mm in size.
- The robot has a sturdy built with carbon fiber arms to minimize the moment of inertia of moving parts.
- It utilises gridMOVE series of controllers for lower operation power and precise control.



SPIDER ROBOT DETAILS

Model Number	GB-MH-DLT2
Payload	3 Kg / 10 Kg / 30 Kg / 100 Kg
Part Size	2 mm to 250 mm
Cycle Time	0.5 seconds for low payload - 2 second for high payload
Motion Controller	gridMOVE
Working Area	Hemispherical (Diameter=1000mm / Height=500mm)
Vertical Stroke Resolution	0.1 mm
Vertical Stroke Speed	500 mm / sec
Axis Options	2 / 3 / 4 / 5 Axis
Lower Arm Options	Carbon Fiber - Stainless Steel



TEACH PENDENT



SMART CONTROLLER

COMPLETE PACKING SYSTEM

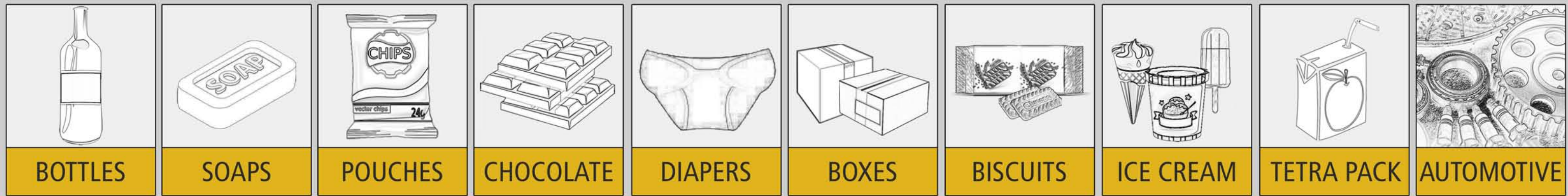
ROBOTIC PIK PACK

- Gridbots Pik Pack series of Top Loading Robotic Packers can pack various items such as bottles, soaps, diapers, sanitary napkins, tetrapacks, icecreams, packets, pouches at high speeds using Gridbots Spider Robots. The entire solution designed and manufactured by Gridbots.
- We provide various options in case packing to clients so that they can pick and choose the relevant features as per their requirements. Using Gridbots Innovative Grippers we can pick and pack anything. The item picking and packing can be done directly from line or using a collation.



PIK PACK DETAILS

Model Number	GB-MH-PIK-PACK	Pneumatic	Festo
Carton Erector Option	8 Case / 15 Case / 25 Case	Magazine Feed Capacity	200 Boxes - Indexing
Carton Range	Lenght 200 - 400mm Width 100 - 400mm Height 100 - 350mm	Magazine Width	1000mm
Gripper	Vacuum / Parallel Jaw / Cassette	Box Type	3 / 5 Ply
Carton Size Adjustment	Manual / Automatic	Electrical Supply	230 Volt - Single Phase
Tapping Option	Bottom / Top	Machine Weight	1000 Kg
Glue Option	Yes	Machine Dimensions	2 Meter by 2 Meter excluding taping
Flap Handling	Yes	Machine Finish	MS Powder Coated
		Machine Colour	Metallic Gray
		Robot	Spider



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