



AUTOMATED HAMPERS

ERGONOMIC AND INTELLIGENT SOLUTION.

- Custom Made Sizes
- Beautiful Craftsmanship
- Modular Design
- Easy Maintenance



MAKE IN INDIA



MT-MKT-CH-01, V1.1

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PRECISION DELIVERY, EVERY TIME THE PROMISE OF AUTOMATED HAMPERS...



PRODUCT OVERVIEW

Hamper is an automatic device, it is being used to streamline and optimize the process of automatic shipment collection and availability on working height to the associates in warehouses, these hampers handle multiple sizes shipments with an ease & reserve for the process. The hampers receive the packages once they are automatically diverted to an aisle from the sorter. They utilize an internal mechanism that lifts or lowers the surface holding packages and they operate 100% automatically.

After the packages are diverted from the sorter to the hamper, the packages slide to the hamper container to be picked ergonomically by the stower. Design of the hamper allows packages to slide into the hamper belt and settle in the center of the belt as many times as possible. It is not intended for packages to slide out all the way and lean on the outer lip/edge, as it possesses a risk of packages falling out of hampers. Mechanisms inside the hamper lower and rise a belt or surface to maximize the capacity of packages and advise the AA when the capacity is reaching the limits.

Key Features:



Ergonomic Access :

- By presenting packages at an optimal working height, the Hamper minimizes bending and lifting effort, ensuring smooth and fatigue-free picking for stowers.



Custom Made Sizes:

- Select any standard frame width between 1000mm to 1500 mm.
- Pre-assembled and height adjustable legs as an option.
- Fast adjustments to meet your individual requirement.



Wide Variety of Belts

- PVC top smooth, bottom-polyster bare fabric
- Low & high friction belts
- High durability belts for abrasive and corrosive use



Save Time & Cut Cost:

- Shortest lead time
- Quick configuration of your custom Hamper
- Every hamper comes fully assembled and tested
- Outstanding price / performance ratio



Safety

- Manual handled pull cord rope and isolator switch
- Emergency push button for stop
- Complete documentation meeting at the latest machinery directive



MOTOR SPECIFICATION

Motor	AC warm Geard motor
Motor Type	3-ph AC
Motor speed	Variable
Power	0.370 Kw
Voltage	240/480 (V)
Frequency	60 (Hz)
Type of enclosure	IP55
Nominal Current	1.56 AMP
Weight	Approx. 12 KG / PC
Colour	RAL 5010 Gentian Blue



Follows NEMA Standard

Technical Specification:

Design	Mechanism	Belt Container
	Parts selection	Referenced parts to standerize
	Dimensions & Self weight	L90" x W39" x H47" , 551 lbs
	MTBH	L42" x W33" x H26"
	Capacity	35 pack / 640 lbs
Safety	Reach	Belt Container
	Pinch points	Less than 3 mm
	Stress contact	Spec 1/8" radius
	Admin control	Pick-Area 15" (Green and "No reach" Sticker
	Pick height	Automatic Adjustable Height
Mechanical	Container	Flexible and driven PVC belt type
	Chute angle	15 - 25 Deg.
	Caster foots	Caster wheel swivel wheel with breaks
	Labels	Pick-Area, No reach, e-stop
	Stopper	In hamper chute (Controlled by sensors)
	Foot clearance	6" x 8"
Electrical	Motor	AC Geared Motor
	Power supply	3 Ph, 480 V AC at 60 Hz
	Controls	Centralized power, Decentralized controls
	Cables	Single harness hamper to sorting system/VFD
	Andon light	Standard : 4 lights & buzzer
	Sensors	3 on back, 3 on sides

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