

Applications:

Horizontal Strapping Machines are a great solution for those that are strapping loads or parcels that need extra reinforcement. Often used for construction materials, furniture, fruits/vegetables, and barrels, just to name a few! The Handle-It Horizontal Strapper can operate as a stand-alone machine, or be integrated in an automatic line.

Working Process:

The operator places the product manually below the dynamic arch. The arch descends to the first strap position. The arch is dynamic, it will automatically adjust to the load size, feed the strap around the load while applying necessary tension; finally, the strap is cut and heat-welded. The arch then ascends/descends to the next strap position; the cycle is performed again until the selected strapping program is completed.

Machine Features:

- Self-adjusting floating strapping head
- Revolutionary dynamic arch system
- Lighted warning system around the machine
- 10" Touch-screen HMI
- Thermofusion strapping seal
- 100% electric operation; no pneumatic or hydraulic parts

Optional Add-On Features:

- Rail system to move machine to the load
- Gravity rollers conveyor
- Rollers, belt and chain conveyor
- Muting "T" safety barriers
- Automatic corners applicator robot
- Alternative reel winder placement
- Extra touch screen
- 90° driven rotation touch screen
- Strapping head for PET; or both PP and PET strap
- Strapping height of 106"



Machine Specifications:

Min/Max. Load Height	4.3" min / 55" max (custom up to 106")
Min/Max. Load Width	11.8" min / 52" max
Min/Max. Load Length	11.8" min / 52" max
Productivity	2-Straps: 90 Pallets/Hr 5-Straps: 80 Pallets/hr
Tension of the Load	Standard: 550Nw -- Hard: 1000Nw -- Soft: 350Nw
Controls	10" HMI Touch Screen
Strap Type	Polypropylene (PP) and/or Polyester (PET)*
Strap Specs	Width: 12, 14, 16, or 19mm Thickness: 0.7, 0.8, 0.9, 1.0mm Length: up to 5000 meters Reel: Ø int.: 406mm, width max: 230mm, Ø ext. max: 650mm

Electrical Equipment:

Power Supply	400V III+N
Electrical Consumption	4 KW
Electrical Operation	24V cc
Gear Motors	MEB Transtecno
Drivers	Omron
PLC	Omron
Sensors	Wenglor
Encoder	Baumer
Touch Screen (10")	Weintek
Safety Switch / Barriers	Omron / Wenglor

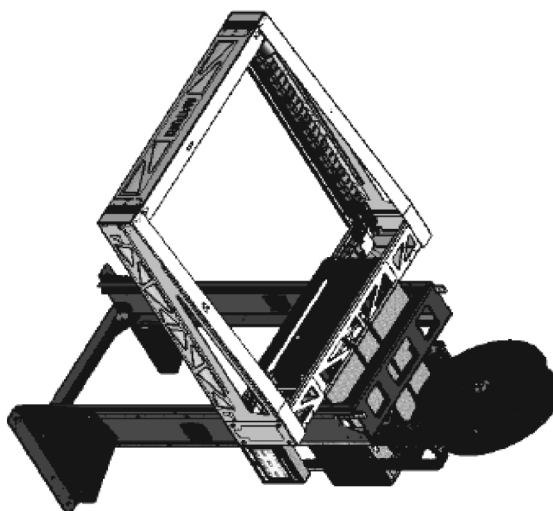
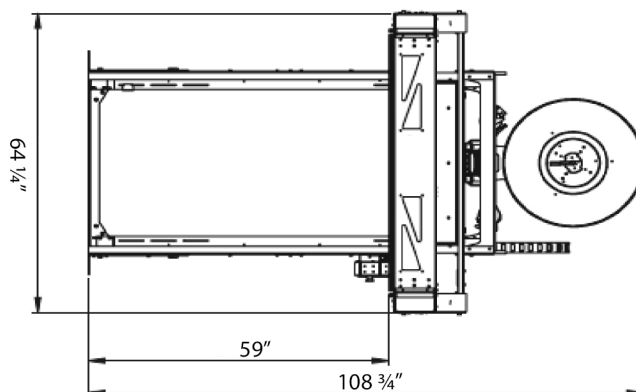
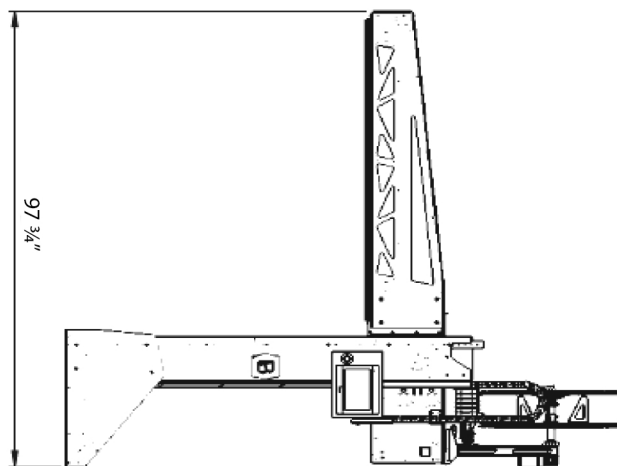
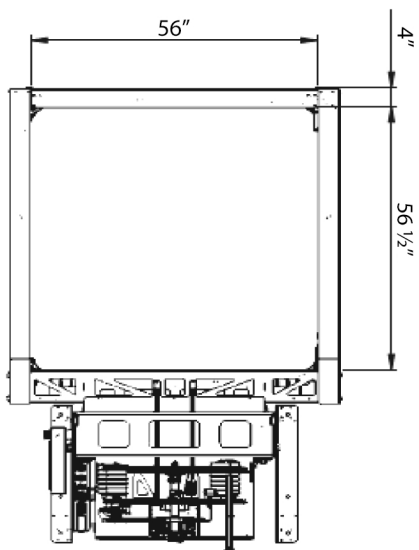
Model

PSM-FA-HCA

HHANDLE-IT®

HORIZONTAL STRAPPING MACHINE

HANDLE-IT® - PSM Series



HHANDLE-IT®

Sizes in mm Medidas en mm	Date Fecha	Signed Firma	Project: Proyector:	Plane N°: Nº Plano:	Version: Version:
Designed by Dibujado	16/02/2021	R. Sanjivan			
Checked by Revisado	16/02/2021	M. Sisó	Title: Plano:		
			Medidas generales/Main sizes/Dimensions generales		
			Scale / Escala: 1:25		