MINIPACK HFFS

Compact horizontal form fill & seal (HFFS) machine

MiniPack is a space-saving thermoforming horizontal form fill and seal machine designed around a modular set of features to maximize both high- and low-volume product runs. Accommodates fully automated loading and unloading or manual operations. Capable of running flexible, semi-rigid and rigid forming film. An affordable entry to high-quality packaging.

Features:

- Short return on investment
- Small footprint
- Simple tool change
- Available in multiple formats
- Up to 24 cycles per minute—capable of multiple products per cycle

Industries served:

- Medical and life sciences
- Consumer goods and cosmetics
- Healthcare and diagnostics
- Electronics
- Implantables

RND AUTOMATION
a division of cas

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MACHINE IDENTIFICATION

MiniPack HFFS

TECHNICAL DATA

Base model dimensions

L: 3401mm x W: 1167mm x H: 2171mm

Web width up to: 320mm

Index length up to: 304.8mm

Package draw depth up to: 152.4mm

Film thickness up to: 35mil

Film roll diameter up to: 406mm

Output: Up to 24 CPM-capable of multiple products per cycle

STANDARD FEATURES

Aluminum extruded frame

M-style film grippers

Powered unwinds, constant tension dancer/brake systems, 3" core

Vacuum heat, vacuum form

Minimum 609.6mm span loading area

Cross/machine direction cutting options

Allen Bradley controls platform

Kinetix 5500 servo drive

9" Panelview Plus color touchscreen

Ethernet/IP network communications

OPTIONAL FEATURES

Web break alarms

Low material warnings

Splice detection with table

External unwind cart for up to 609.6mm diameter rolls with lift assist

Preheat station with contact heat

Air pressure assist

Male plug with vent seal — mechanical with vacuum

Male plug assist—mechanical

Customer-specific load area

Pre-printed film brake stretch-registration

Pre-printed film tuck-registration

Online thermal, flexographic, digital, or inkjet printing

Print and apply labelling

Electronic seal pressure regulation, recipe-controlled and monitored

Seal force monitoring with load cell and alarms

Dwell time monitoring system

Gridded or smooth gasket, various durometer

Upper stationary cooling plate with lower seal clamp

Guillotine cut station

Matched metal punch for complete perimeter cutting (semi-rigid/rigid)

Line integration

AUTOMATIC LOADING OPTIONS

Robotic loading

Vibratory bowl feeders

Auger feeders

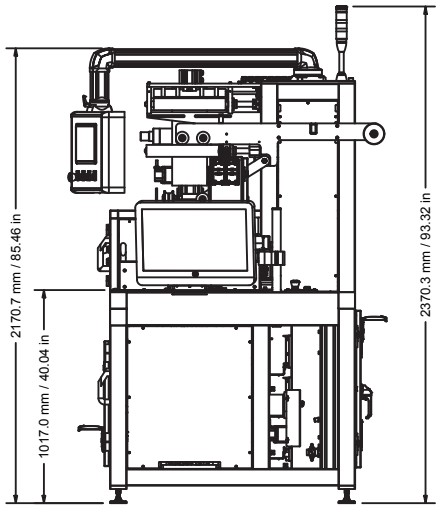
Card placement

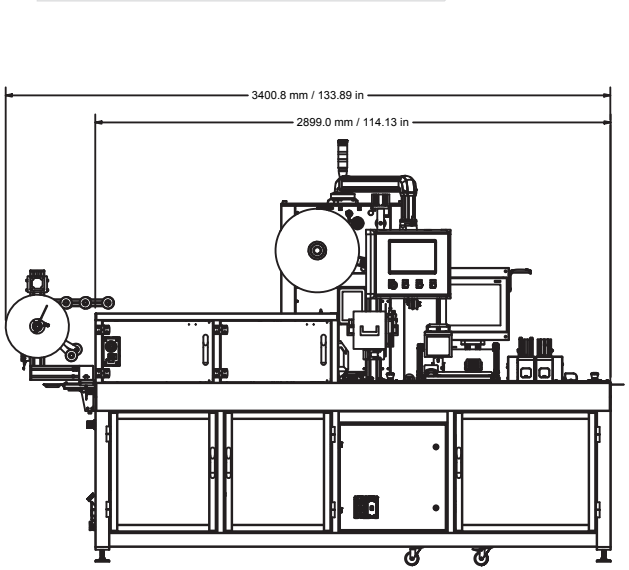
INSTALLATION REQUIREMENTS

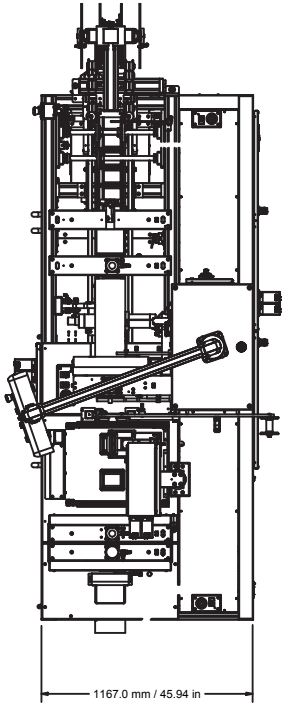
Power supply: 240/208 VAC 3-phase @60Hz

Compressed air: 15-35 SCFM @80psi

Cooling water: house water or optional chiller







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