



ENHANCED PRODUCT APPEARANCE AND HIGHER PRODUCT QUALITY

- Optimum product density with maximum oil absorption for higher product quality, taste and yield
- Continuous throughput results in more uniform product
- Low shear operation eliminates product degradation

INCREASED CAPACITY

- Equipped with 6" pumping cylinders and 6" outlets connected to an 8" outlet, allowing for even product flow at a uniform rate

MINIMIZATION OF WASTE

- Unique twin-piston design with its zero-slip, low shear operation maximizes yields by minimizing waste
- Less fines in the cooking oil which decreases filtering and extends cooking oil life

OPTI-XTRUDE HP

SPECIFICATIONS

UNIQUE TWIN PISTON CONTINUOUS PUMPING FOR POTATO-BASED SNACKS

The Marlen HP Extruder is a high-pressure iteration of the widely adopted Marlen Opti-Xtrude hydraulic twin piston pump. Our high-pressure model is used by manufacturers for potato-based snack shapes and is known for its continuous pumping capability.

The Marlen HP Extruder can produce up to, and in some cases, in excess of 83 bar of pumping pressure. The HP Extruder unit was designed specifically for potato hoops manufacturers. The twin piston, hydraulic design is the heart of all Marlen pumps, which have been in production on a multitude of applications for over 60 years. The design is proven to give a constant pressure or flow to products and facilitates low shear and gentle handling of that product at the same time.

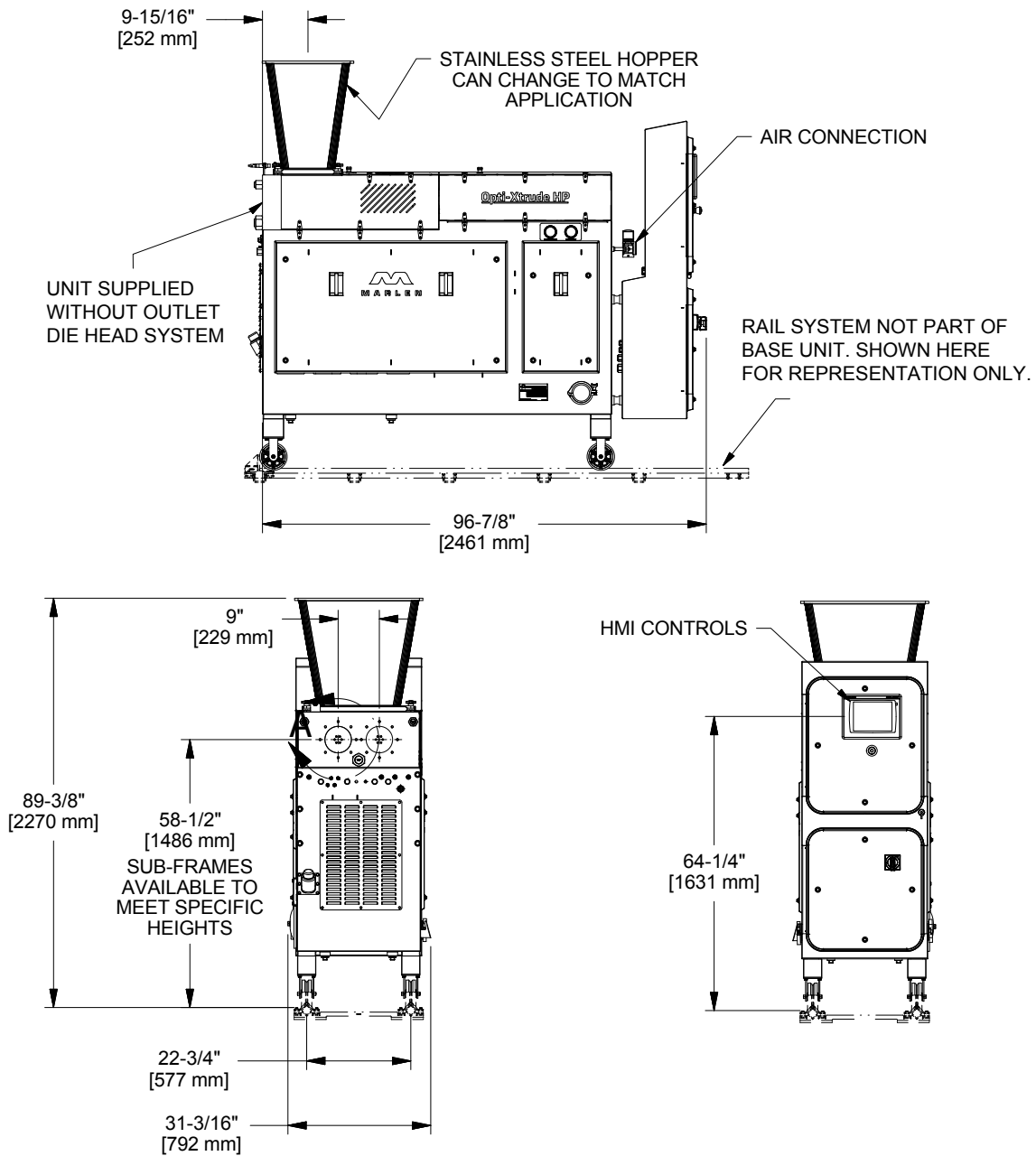


FEATURES

TECHNICAL SPECIFICATIONS

Product Outlet	8" flanged
Piston Size (dia/stroke)	6" (152 mm) x 14" (355 mm)
Maximum Capacity	800 lbs/hr (362 kg/hr)
Hopper Capacity	300 lbs (136 kg)
Max. Product Pressure	1000 psi (69 bar)
Machine Weight	4,100 lbs (1859 kg)
Extruder (hydraulic unit)	230/460 volt, 3-ph
Extruder PLC	24 volt DC
Water Requirements (hydraulic unit)	Up to 8 gpm
Air Requirements	100 psi / 7 bar
Vacuum	18 HG; 15 cfm

TECHNICAL SPECIFICATIONS



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