



# FRAMA™ 7800

The Howick FRAMA 7800 is a fully functioned, convertible profile frame and floor joist component manufacturing machine, with the option to produce up to 5 set profile widths to cover a range of construction applications. With the unique design of the machine, users can produce a single profile size and add additional tooling sets for remaining profile options as or when needed, without the cost and complication of a multiple profile roll-former.

## FRAMA 7800 benefits

The FRAMA 7800 is available in 3 configurations for floor joist production, framing production or as a customized set of frame and joist tooling. It is convertible up to 5 framing sizes. Howick's convertible machine design overcomes many of the compromises that go with making multiple sections with adjustable tooling. The compact design of the machine means less material wastage when changing section width, and higher product accuracy. Convertible design ethos means you can add tooling for additional widths as required. If your production requirements increase, you can buy another base unit and use your existing tooling to run multiple lines at once. The convertible FRAMA machines have a smaller footprint than traditional multi-profile machines, which means it is easier to add one to your production facility.

## Built for ease and efficiency

All of our frame machines have been designed for frame manufacturers to make their production as easy and efficient as possible. The machines are computer controlled so all frame components are produced with absolute precision, and fully processed, ready for assembly. Each part is dimpled and notched with the holes ready to accept fasteners, so components self-clip together with no clamping or drilling required. You can simply snap the parts together, add the fasteners and have a completed frame without needing a jig.



## Applications



## Visit Us



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\*Production speed will vary due to component complexity. See our website for full profile specifications. Howick Ltd reserves the right to update the machine specification without notice.

## Frame specification options

Our convertible FRAMA machines offer all of the normal FRAMA machine outputs. The difference on these units is that they are hybrid machines that can produce multiple applications including frames, trusses, and floor joists, formed from material between 1.85 to 2.5mm (16 to 12 gauge) in thickness. Five set profile widths to cover a range of construction applications. For the full range of specifications, contact us with your requirements.

Option 150mm / 6"

Option 200mm / 8"



Option 250mm / 10"

Option 300mm / 12"



## Technical specifications

Frama 7800		
	Metric Units	Imperial units
Dimensions L x W x H	9.5m x 1.90m x 1.40m	31' x 6' 2" x 4' 6"
Weight	9,500kg	21,000lb
Drive Motor Power	15 kW	20 hp
Hydraulic Power	5.5 kW	7.4 hp
Hydraulic Tank	60 l	15.85 gal
Forming Stages	13	
Line Speed	21 m/min	70'/min
Production Speed	400 - 750 m/hr*	1,300 - 2,500'/hr*
Touch Screen	Panel PC (Windows 10)	
Machine Control	FRAMA Machine Control	
Machine Input Files	CSV	
Tooling	Varies depending on configuration selected	
Component Marking	Dual Head Inkjet Printer	

Decoiler	3.0T Decoiler	6,600lb Decoiler
	Metric Units	Imperial units
Dimensions L x W x H	1.35m x 1.0m x 1.45m	4' 5" x 3' 3" x 4' 9"
Weight	700 kg	1,550 lb
Drive Motor	4.0 kW	5.4 hp
Jaws	3 Jaw Self Centring	
Jaw Expansion	Hydraulic	
Jaw Expansion Range	480mm - 520mm	1' 7" - 1' 8 1/2"
Speed Control	Dancer Arm with Inclinator	
	Auto pause at coil end	
Max Coil Weight	3,000 kg	6,600 lb
Max Coil Width	400 mm	1' 3 3/4"
Max Coil OD	1,500 mm	4' 11"
Nominal Bore	508 mm	1' 8"