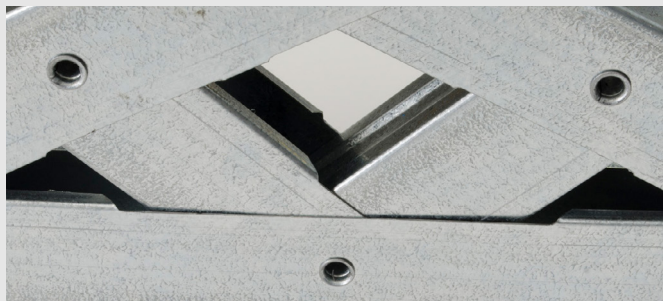


HOWICK

FRAMA™ 4200

The Howick FRAMA™ 4200 is a dedicated truss production machine. Making use of Howick's unique riveting technology, it offers superior performance compared to screws and has the ability to put multiple components into a single joint.

The single section truss profile is easy to assemble and transport and fits standard truss brackets, with the hollow rivet design allowing for bolted connection detail.



FRAMA™ 4200 benefits

All of our truss machines have been designed for truss manufacturers to make their production as easy and efficient as possible. The machines are computer controlled so all the truss components are produced with absolute precision and fully processed, ready for assembly.

Each part is punched and notched with holes ready to accept the unique Howick rivet so that components self-clip together with no clamping or drilling required.

You can simply fit the rivets, snap the parts together and have a completed truss without needing a jig.

Rivet innovation

Howick's unique rivet connection overcomes the problem of screw connection strength, replacing multiple screws per joint with a single rivet. This innovative connection allows multiple sections to be connected at a single point, optimising load paths and minimising connectors.



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

Using unique, innovative rivet technology, the Howick FRAMA™ 4200 produces light-weight cost effective truss solutions, formed from material between 0.75 to 0.95mm (22 to 20 gauge) in thickness.

45mm / 1 3/4"



45mm / 1 3/4"



Technical specifications

FRAMA™ 4200		
	Metric Units	Imperial units
Dimensions L x W x H	3.7m x 0.75m x 1.5m	12.14.' x 2.46' x 4.92'
Weight	2,000 kg	4,400 lb
Drive Motor Power	4.0 kW	5.4 hp
Hydraulic Power	4.0 kW	5.4 hp
Hydraulic Tank	60 L	15.8 gal
Forming Stages	10	
Line Speed	30m/min	98'/min
Production Speed	400 - 700m/hr*	1312 - 2297'/hr.*
Touch Screen	Panel PC (Windows 10)	
Machine Control	FRAMA™ Machine Control	
Machine Input Files	CSV	
Tooling	7 Standard Tools Truss End Tool, Lip Notch, Web Notch, Lip Roller, Flange Hole, Swage, Cut-off	
Component Marking	Dual Head Inkjet Printer	

Decoiler	1.5T Decoiler	3,300lb Decoiler
	Metric Units	Imperial units
Dimensions L x W x H	1.05m x 1.2m x 1.68m	3.4' x 3.9' x 5.5'
Weight	350 kg	770 lb
Drive Motor	2.2 kW	3 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 Inclinometer	
	Auto pause at coil end	
Max Coil Weight	1,500 kg	3,300 lb
Max Coil Width	200mm	8"
Max Coil OD	1,500mm	59"
Nominal Bore	508mm	20"