





SPECIFICATIONS	F300i-F315i	TF350-TF550	TF550H	FL650
				
Model	FRAMECAD F300i-F315i	FRAMECAD TF350-TF550	FRAMECAD TF550H	FRAMECAD FL650
Description	FRAMECAD Frame & Panel Plant	Truss & Frame Plant	Truss & Frame Plant	Floor & Frame Plant
Number of Profiles	1 x C, 1 x U	1 x C, 1 x U	1 x C, 1 x U	1 x C
Profile Size	F300i - 89mm (3.5") (Standard) F315i - 150mm (6") (Standard)	TF350 - 89mm (3.5") (Standard) TF550- 150mm (6") (Standard)	150mm (6") (Standard)	254mm (10") or 300mm (11.81")
Gauge Range	F300i - 0.55 - 1.2mm (24 - 18g) F315i - 0.75 - 1.6mm (22 - 16g)	0.75 – 1.6mm (24 – 16g)	1.2 – 2.0mm (18 – 14g)	1.2 – 2.0mm (18 – 14g)
Roll Forming Stations	Eleven	Fourteen	Fourteen	Thirteen
Coil Straightener	No	One	One	One
Wall Tooling Punches	Six	Five	Five	Six Floor Functions
Truss Tooling Punches	-	Four	Four	Five Wall/Truss Functions
Slitter for L Profile	Not Available	Optional	Optional	Optional
Typical Production Output *1 (Depends on Design)	300m/hr (joists) 700m/hr (simple walls) (990ft/hr (joists) 2,300ft/hr (simple walls))	350 – 850m/hr (1,150 – 2,800ft/hr)	330 – 800m/hr (1,100 – 2,600ft/hr)	440 – 1200m/hr (1,450 – 4,000ft/hr)
Main Power Drive	5.5KW (7.5HP)	11KW (15HP)	11KW (15HP)	20KW (27HP)
Hydraulic Power	3.0KW (4.0HP)	5.5KW (7.5HP)	7.5KW (10HP)	10KW (13HP)
Hydraulic Reservoir *2 AWG 46 - 28 °C	60L (16 gal)	100L (25gal)	120L (30gal)	120L (30gal)
Hydraulic Accumulator	One	One	One	One
Hydraulic Cooler	One	One	One	One
Ambient Temperature Range	10 - 40 Degrees Celsius	10 - 40 Degrees Celsius	10 - 40 Degrees Celsius	10 - 40 Degrees Celsius
Hydraulic Oil Tank Temperature Range	10 - 65 Degrees Celsius	10 - 65 Degrees Celsius	10 - 65 Degrees Celsius	10 - 65 Degrees Celsius
Width	0.80m (2.5ft)	1.1m (3.6ft)	1.1m (3.6ft)	1.25m (4ft)
Length	3.43m (11ft)	5.8m (19ft)	5.8m (19ft)	8.9m (29ft)
Height	1.27m (4.0ft) to top of covers	1.6m (5.2ft)	1.6m (5.2ft)	1.6m (5.2ft)
Approx Weight	1,500kg (3,300lb)	4,100kg (8,800lb)	4,200kg (9,250lb)	13,000kg (28,660lb)
Mains Power supply *3	380 – 480V 32A	380 – 480V 60A 3 Phase	380 – 480V 60A 3 Phase	380 – 480V 60A 3 Phase
Printer	2 x 16 Point Print Heads	2 x 16 Point Print Heads	2 x 16 Point Print Heads	2 x 16 Point Print Heads
Controller	1 x Touch Screen Networkable Linux	1 x Touch Screen Networkable Linux	1 x Touch Screen Networkable Linux	1 x Touch Screen Networkable Linux
Decoiler Capacity (Powered) *4	3,000kg (6,600lb) 1,500mm (60") diameter	3,000kg (6,600lb) 1,500mm (60") Diameter	3,000kg (6,600lb) 1,500mm (60") Diameter	3,000kg (6,600lb) 1,500mm (60") Diameter
Other Options	None	Additional Punch Tools	Heavy Gauge ¹ TF550H 2mm (14g) Additional Punch Tools	None

*1 Estimated output depends on design complexity, component sizes and punching function. *2 Hydraulic Oil grade is dependent on ambient operating conditions *3 Please contact FRAMECAD for additional precautions when using a standalone power supply. *4 Decoilers using 1,500mm coils can restrict maximum production rates. Due to ongoing development specifications are subject to reconfirmation at time of ordering.

ENGLISH-FCCC11-1110

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FRAMECAD Solutions FrameMaster Comparison Chart

