

Alpine® FloorMaster

Floor truss fabrication made easy.



Innovation from the floor up.

Reduce labor costs by leaving the hard work to the Alpine® FloorMaster. Material handling is minimized by the FloorMaster's standard flipping and lift-out features, making floor truss production easy.

When it is time to plate the back of the truss, the FloorMaster effortlessly flips the floor truss, reducing stress on the operators. Solid welds and a gantry ensure plates are completely embedded on two trusses with each gantry pass. When the plates have been pressed, power lift-outs elevate the truss, making it easy to remove the truss from the machine. With the FloorMaster, there is no need for a finish roller.

Results Driven

Improve Productivity

Reduce labor and leave the hard work to FloorMaster's standard flipping and power lift-out features.

Durable & Versatile

Renowned for its strength in the industry and automatic depth clamping feature makes it extremely versatile.

Safety

Emergency Stop push bars scanner, yellow paint for awareness, and more – safety is integrated into every component.

EQUIPMENT SPECIFICATIONS

Standard Footprint	63'-3" x 10'-6" (W x L)
Truss Depth	12"-24"
Truss Length	Up to 40'
Truss Thickness	Up to 3.5"
Overall Height	11' 4"
Table Length	40'
Table Height	2' 7" (Adj 2' 4"-2' 10")
Table Width	6' 8"
Roller Diameter	24"
Air System	1/2" N.P.T, 15 CFM @ 120 Psi
Power	480V, 3ø, 60 Hz, 12A
Motor Speed	1750 rpm
Gear Ratio	18.7:1
Sprockets Tooth	14 & 52
Gantry Speed	158 ft / min
NOTE	Requires 30 amp short circuit protection device
Ejection	Side eject
Table Width	6' 8.5"
Table Height	29" + 5" for setting an optimal working height
Table Surface	0.5" steel top, supported by a steel channel frame
Roller	24"
Drive Motor	3-phase, 10 HP soft-start motor
Speed	160 ft / min
Air Requirement	15 CFM at 120 Psi
Camber	0.625" over 40'



Flipping



Lift-out

FEATURES

Automatic Depth Clamping

Alpine® auto clamping means no setup is required for truss depth. Each jiggging station has its own set of controls. FloorMaster also has a variety of lumber stops and clamp arrangements. Pneumatic clamping is uniquely mounted above and below the tabletop to permit easy truss handling.

Ease of Operation

The standard pneumatically controlled truss lift-outs for easy truss ejection and stacking. The truss is also power flipped between pockets reducing employee fatigue and risk of injury.

Trackless Roller Gantry

FloorMaster trackless gantry features a powerful 10 hp gear motor driving a 24" roll through a double 80' chain, assuring smooth and consistent operation and a long life.

Operation Modes

The standard model consists of up to two stations and modes of operation for truss fabrication. Group mode is for long trusses up to 40'. A single mode separates the controls into two stations for trusses up to 10' per station.

