



The Model 600 Equipment Description

Major Components

The Arch Machine's Model 600 Metal Building System is a factory on wheels. The entire system - except for the electric seamers and the run out table system - is mounted securely on a rugged trailer. The Model 600 processes 24" (.61m) coil steel, grade A-D and thickness of .029" through .048".

A. Trailer:

- Bed size . . . 7 feet 7 inches x 28 feet 6 inches long, approx. 2.3m x 7.6 m.
- Bed height . . . 32 inches above the ground, approx. 0.8 m.
- Total height with machinery . . . 90 inches, approx. 2.3 m.
- Trailer weight without machinery . . . 4,500 lbs., approx. 2,042 kg.
- Total weight with machinery . . . 16,000 lbs., approx. 7,257.5 kg.
- 12 - inch steel I - Beam main stringers.
- Frame reinforced at stress points.
- Heavy duty double axle trailer.
- Pintle hitch adjusts to height of towing vehicle (24" to 40" adjustments).
- Wiring, brakes, lights, and reflectors all comply with U.S. safety standards. (Air brakes and 24 volt electrical system optional).

B. Model 600 Panel Forming Machine:

- All welded steel, 10 inch channel iron frame.
- 16 gauge safety shields over all moving parts.
- Vinyl covers at entrance and exit points for additional weather protection.
- Powder coat paint system applied to all non-plated surfaces.

C. Model 600 Panel Curving Machine:

- All steel 4 and 6 inch channel iron frame.
- 16 gauge safety shields cover all moving parts.
- Hydraulic motor power unit.
- Vinyl covers.
- Powder coat paint system applied to all non-plated surfaces.

D. Model 600 Seaming Machine (2):

- Machine cast aluminum housing and frame.
- Stainless-steel or chrome plated rollers.
- Moving parts covered by safety shield.
- Power unit - 3/4 HP, 110 VAC/DC amp electric drill motor (optional 220 VAC/DC).
- Standard on/off and reverse controls.

E. Run Out Table System:

- 20 tables with heavy duty-adjustable legs.
- Powder coat paint system applied to all non-plated surfaces.

F. Diesel Engine/Hydraulic Power Unit:

- Electric start, air cooled, 36.5 - HP diesel engine (optional gasoline engine).
- Engine drives tandem pump that operates the two forming machines simultaneously.
- Remote panel at rear of trailer with full operation control of engine.
- Engine, battery, fuel tank, pump, etc. mounted to trailer.

And here's the best part. The entire Arch Machine Metal Building System is so well designed and compact that it is shipped - fully assembled and ready to work in one container.