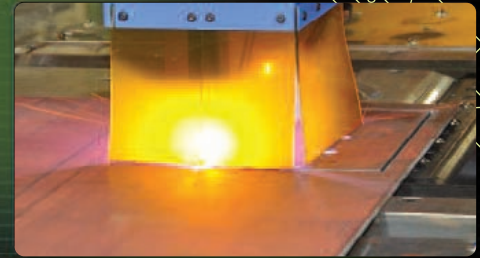


Whitney Model 657 Combination Machine Affordable Punching and Plasma Cutting

From The Leader in Plate Technology



High Quality Fabricated Parts are produced by using punching technology for accurate internal holes, and the latest plasma cutting technology for well-defined, clean external features.

True Flexibility is achieved with an open throat design, repositioning cylinders for long parts, parametric shape library for fast set-ups, and forming capability for producing countersinks, tread plate, louvers, and many other features that are not possible on standalone laser- or plasma-cutting machines.

High Levels of Productivity can be attained because punching is faster than piercing and cutting holes; and plasma cutting is faster than laser and waterjet cutting.

Affordable Technology – the initial cost of the 657 machine is much lower than laser-cutting machines, and the ongoing operating costs are lower than any other process.

Whitney

The **Leader in Plate
Technology**

*Serving Metal Fabricators
For More Than 100 Years*

657 Combination Machine

High Quality Parts, Flexibility, High Productivity, Affordable

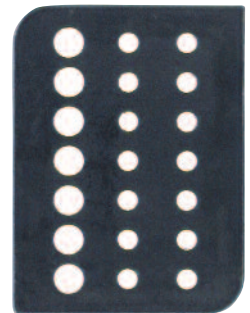
Fabricate Parts that **CANNOT BE MADE** with Other Processes



Punch Holes with **BETTER QUALITY** than Plasma or Laser

Whitney's plasma-punch machines punch perfect holes, every time.

- Plasma-cutting machines leave holes out-of-round or out-of-tolerance.
- Laser-cutting machines leave unacceptable blemishes at lead-in locations.
- These processes may require the holes to be drilled out to make them usable.
- Need to tap some holes? Whitney's punch and shave procedure provides high-quality, vertical holes, suitable for tapping.

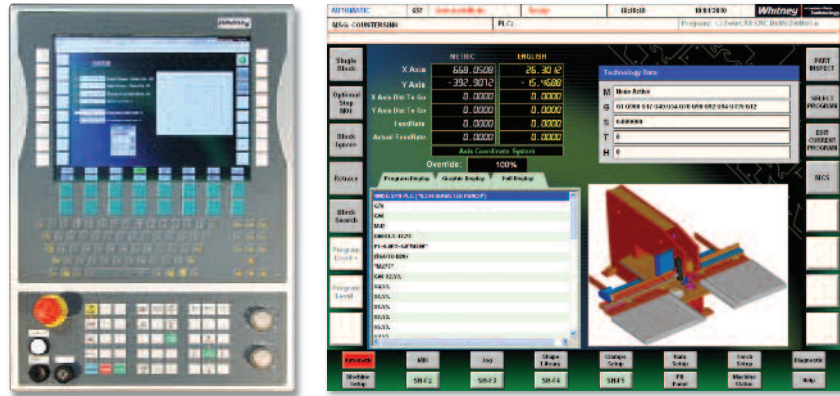


Clean, Fast, Economical Plasma Cutting



Whitney's New CNC Control with Parametric Shape Library

- **Simple-to-Use:** Every screen can be accessed with one touch of a button.
- **Touch Screen Interface:** Eliminate the need to be a keyboard expert.
- **Graphic Displays:** Consumable charts and work clamp locations are shown visually to avoid operator errors.



High Quality Parts – FAST!



Use Whitney's 657 Combination Machine for:



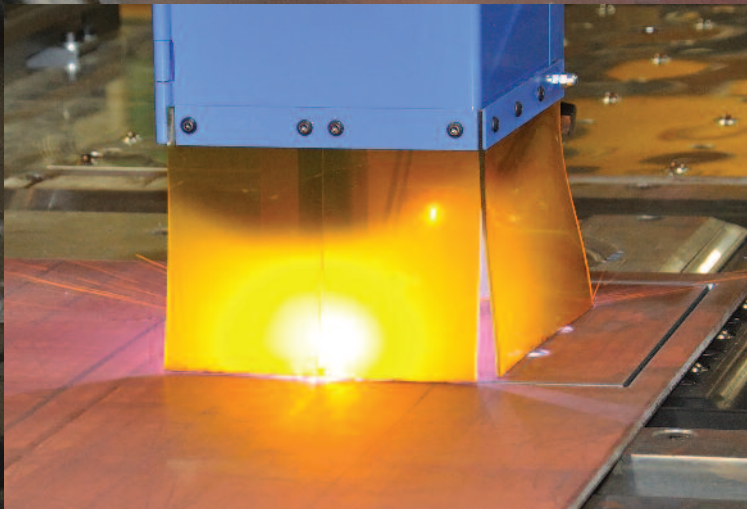
- **Rail Cars**
- **Trucks**
- **Trailers**
- **SUV Accessories**
- **Construction Machinery**
- **Farm Tractors and Implements**
- **Mowing Equipment**
- **Oilfield Equipment**
- **Snow and Ice Products**
- **Electrical Transformers**
- **Emergency Vehicles**
- **Loader Buckets**
- **And Many Other Applications!**

Whitney Model 657 Combination Machine

Affordable Punching and Plasma Cutting

Specifications

| | | |
|--|---|----------|
| Punching Force | 360 kN | 40 Tons |
| Maximum Work Piece Thickness | 12.7 mm | 0.500" |
| X-axis Travel | 1920 mm | 75.50" |
| Y-axis Travel | 1250 mm | 49.20" |
| Positioning Accuracy | ±0.12 mm | ±0.005" |
| Maximum Work Piece Weight | 225 kg | 500 lbs. |
| Rapid Speed (per axis) | 25.4 M/min | 1000 ipm |
| Stroke Rate (25mm/1.00" Centers in 3mm/.120" steel) | 80 strokes per minute | |
| Stroke Length | 25.4 mm | 1.00" |
| Maximum Punch Size | 127 mm | 5.00" |
| Tooling Style | Whitney 28XX | |
| Available Plasma Cutting Systems | Hypertherm HD130 (standard) Hypertherm HPR130 (optional) | |
| CNC Control | Whitney | |



Whitney

The **Leader** in **Plate Technology**

MegaFab — Whitney/Piranha/Bertsch
650 Race Street
P.O. Box 1206
Rockford, IL 61105, U.S.A.
Tel: 815-964-6771
Fax: 815-964-3175
www.wawhitney.com • www.piranhafab.com • www.bertschrolls.com

Ian Jones Sales, Ltd.
1800 Appleby Line #13
Burlington, Ontario L7L 6A1
Canada
Tel: 905-331-1273
Fax: 905-331-6089
www.ianjones.com