

Plasma cutting application: Tank and vessel fabrication

Specific plasma use

Vent and access hole fabrication

Vent, pipe and access holes are cut from 3/16 to 3/8" (5 to 10 mm) thick tank walls.

Systems: Powermax600® or 1000

Cradle fabrication

Parts to make tank support frames are cut from 3/8 to 1/2" (10 to 13 mm) carbon or stainless steel sheets.

Systems: Powermax1000 or 1250

Containment system fabrication

Parts to fabricate containment vessels for spill protection are cut from 3/16 to 1/4" (5 to 6 mm) steel sheets and tubing.

System: Powermax30 or 600



Tank and Vessel Fabrication

Specific benefits of Powermax systems

- Superior speed of plasma cutting results in shorter cut times and greater productivity over conventional processes such as oxyfuel and saws.
- High cut quality reduce or eliminate secondary operations, such as grinding.
- Piercing capabilities for ease of starting interior cuts for vents, pipe and access holes.
- The controlled arc and high cutting speeds reduce heat-affected zone and warping.
- Hypertherm's drag-cutting technology makes it easy to follow a line or template.
- Mechanize torches for installation on a pipe beveling and cutting machines.



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