



Plasma cutting application

Metal building construction

Examples of plasma uses

Wall and ceiling framing

'C' shaped, galvanized steel channels, typically 3.4 to .9 mm (10 to 20 gauge) thick, are cut to length for use as studs in wall and ceiling framing. Holes are then cut for running conduit.

Systems: Powermax30 AIR, 30 XP or 45 XP

Floor and roof truss fabrication

'C' and other shaped galvanized steel channels, typically 1.5 to .8 mm (16 to 22 gauge) thick, are cut to length for truss fabrication.

Systems: Powermax30 AIR, 30 XP or 45 XP

Roofing, siding and decking installation

Corrugated steel panels, typically 2.7 to .5 mm (12 to 26 gauge) thick, are cut to the needed size for industrial and architectural roofing, siding and decking (floor and roof). Installation of roof vents, skylights, or duct work requires the cutting of openings in panels.

Systems: Powermax30 AIR, 30 XP or 45 XP

Key advantages of Powermax® systems

- Simple controls make setup and operation easy – even for first-time operators.
- Cut a variety of ferrous and non-ferrous metals including mild steel, stainless and aluminum – painted or rusted.
- Controlled arc and fast cutting speeds reduce heat-affected zone and warping.
- Superior cut and gouge quality reduces time for grinding and edge preparation.
- Drag-cutting technology makes it easy to follow a line or template.
- A wide range of torch styles to choose from for both handheld and automated processes.
- Extensive array of application capabilities via specialty consumables for fine feature cutting, extended reach cutting, gouging and marking.
- The Powermax30 AIR includes an internal air compressor which eliminates having to transport an external compressor or air bottle.

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