



Plasma cutting application

Heating, ventilation and air conditioning

Examples of plasma uses

Duct fabrication

Specific patterns are cut from .6 to .8 mm (22 to 24 gauge) thick sheet metal on a CNC table or by hand prior to being formed into the required duct shape.

Systems: Powermax30® AIR or 30 XP hand only, Powermax45 XP or Powermax65 SYNC™ for hand or machine CNC table operation

Duct alteration

Holes in existing ducts are cut to install new branches or access ports.

Systems: Powermax30 AIR, 30 XP, or 45 XP

Suspension system fabrication

Parts to fabricate hanging brackets are cut to length from 3 mm (1/8") thick channel iron. Threaded rods are also cut to length for proper system suspension.

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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