



Plasma cutting application

Commercial kitchen installation and repair

Examples of plasma uses

Counter and cabinet frame fabrication

Galvanized iron tubing, with typical wall thickness of 3 to 4 mm (1/8 to 3/16"), is cut to the required size to construct cabinet frames. Stainless steel panels, typically 1.3 mm (18 gauge), are cut and attached to form siding. Shelves and drawers are often fabricated from stainless steel sheets and installed in the cabinet base.

Systems: Powermax30 XP or 45

Counter and cabinet top fabrication

Stainless steel sheets, typically 1.5 mm (16 gauge), are cut to specific size prior to forming edges and mounting to the counter or cabinet base. Interior holes are pierced and cut to install drop-in items such as sinks or trays.

Systems: Powermax30 AIR, 30 XP or 45

Wall panel fabrication

Stainless steel sheets, typically 1.3 mm (18 gauge), are cut to specific dimensions prior to mounting on walls. Holes are pierced and cut to construct electrical boxes and lights.

Systems: Powermax30 AIR, 30 XP or 45

Ventilation system fabrication

Custom ventilation hoods are constructed typically from .9 mm (20 gauge) from stainless steel sheets. The sheets are cut to

the desired size and shape prior to forming. Galvanized spiral ductwork is often used to fabricate other components of the ventilation system.

Systems: Powermax30 AIR, 30 XP or 45

Equipment repair

Damaged or deteriorated portions of counters and cabinets are cut away to install new panels.

Systems: Powermax30 AIR, 30 XP or 45

Key advantages of Powermax® systems

- Superior speed of plasma cutting results in shorter cut times and greater productivity over processes such as oxyfuel, saws or shears.
- Easy to set up and operate.
- Piercing capability makes starting interior cuts easy.
- High cut quality reduces or eliminates secondary operations, such as grinding.
- Drag-cutting technology makes it easy to follow a line or template.
- System portability offers ease of use at various locations.
- Controlled arc and high cutting speeds reduce heataffected zone and warping.
- Cut a variety of ferrous and non-ferrous metals including mild steel, stainless and aluminum.

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