



Plasma cutting application

Farm equipment maintenance

Examples of plasma uses

Chemical sprayer repair

Corroded or damaged segments of sprayer booms, with typical wall thickness of 6 mm (<1/4"), are cut away for replacement.

Systems: Powermax45® XP or Powermax65 SYNC™

Silo unloader repair

Corroded or loose components are cut off for repair or replacement.

Systems: Powermax30 XP, 45 XP, or Powermax65 SYNC

Wheeled equipment repair

Corroded, worn or distorted metal, of up to 12 mm (1/2") thick, on bailers, harvesters, hoppers, etc., are cut off for replacement.

Systems: Powermax45 XP or Powermax65 SYNC

Truck maintenance

Corroded or collision damaged body panels, of up to 3 mm (1/8") thick, are cut away for the installation of replacement panels.

Systems: Powermax30 XP or 45 XP

Key advantages of Powermax systems

- Superior speed of plasma cutting results in shorter cut times and greater productivity over processes such as oxyfuel or saws.
- 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.
- Gouging process efficiently removes existing welds with reduced noise and smoke over conventional methods.
- System portability offers ease of use at various locations.
- Controlled arc and high cutting speeds reduce heat-affected zone and warping.
- Cut a variety of ferrous and non-ferrous metals including mild steel, stainless and aluminum – painted or rusted.
- FineCut® consumables deliver higher quality cut with less dross, narrower kerf and smaller heat-affected zone.

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