

Plasma cutting application: Farm equipment maintenance

Specific plasma use

Chemical sprayer repair

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

System: Powermax600®

Silo unloader repair

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

System: Powermax30

Wheeled equipment repair

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

System: Powermax600

Truck maintenance

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

Systems: Powermax30 or 600



Farm Equipment Maintenance

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 reduces or eliminates secondary operations, such as grinding.
- Gouge capabilities offer ease of removing existing welds with reduced noise and smoke over conventional methods.
- 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.
- System portability offers ease of cutting at various locations.
- Piercing capabilities for ease of starting interior cuts.



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