HYPERTHERM®
A Hypertherm Associates Brand

Optimize truck and trailer production and repair with plasma cutting



Enhances efficiency and boosts productivity

Truck and trailer overview

Truck and trailer production shops typically start with standard components, including I-beams and other chassis structures with holes and welded components like spring brackets or gussets. During customizations, operators must relocate, add, or remove the structures. Repair shops focus on siding, frame, bumper, and general weld repair work.

Truck and trailer at-a-glance

Materials:
Steel, mild steel, and aluminum

Structural components:
I-beams and other chassis structures

Rework/repair:
Spring bracket and gusset removal, hole placements, weld, bumper, frame, siding, and pin repairs

Common metal fabrication and repairs:

- Welding and reinforcing the frame and floor panels
- Cutting out rusted sections and welding in new metal
- Creating custom mounts and brackets to replace damaged ones
- Patching roof holes, reinforcing weak areas, and replacing damaged sections
- Reinforcing certain areas or altering the structure to accommodate custom loads

Plasma gouging or flush cutting can reduce processing time by up to 75% compared to other technologies



Hypertherm Powermax SYNC boosts throughput

Powermax SYNC® improves safety, reduces shop tool and consumables inventory, and boosts throughput for truck and trailer production and repair shops:

Simplified system operation minimizes the time and costs spent on training and troubleshooting.

Patented single-piece cartridge is easy to use

Less operator fatigue using hand torches with our new flexible lead.

Tackle a wide range of jobs with easily interchangeable torch styles and cartridges for various types of cutting and gouging.

Time-saving hand torch controls allow operators to adjust the amperage and change cartridges/ applications without returning to the power supply.

Industry-leading reliability reduces production downtime.

Plasma cutting enhances the efficiency, quality, and cost-effectiveness of truck and trailer repairs.

Hypertherm plasma: trusted more than any other brand

Manufacturers worldwide trust Hypertherm® plasma more than any other brand. From handheld to automated, our proven plasma cutting solutions are rated as the industry's most reliable. Contact your Hypertherm sales partner to discuss how a Hypertherm plasma-cutting platform can modernize your operations.

Learn more about the benefits of plasma cutting with Powermax

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