



MESSER 
Cutting Systems

MULTITHERM^{PRO}
ENHANCED PRODUCTIVITY...
INDUSTRY 4.0 READY

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ENHANCED PRODUCTIVITY... INDUSTRY 4.0 READY

- Higher productivity with 24 m/min positioning speed and Acceleration 0.04g.
- High machine accuracy with Digital AC Servo motor & planetary gear box.
- Robust gantry with LM guides in Y-axis ensures stable and reliable cutting.
- Compact Plasma bevel head for weld preparation parts.
- Easy to use Global controller with Windows interface compatible for IOT features.



The user-friendly control Global Control speeds set-up and reduces errors and non-productive times.



5 Axis compact plasma bevel head Bevel-R, for weld preparation parts.



Patented ALFA torch for oxy-fuel cutting, comes with quick nozzle change for higher productivity.



The efficient design of the wheel-housing combined with positive longitudinal drives ensure high stability.

Optional Features

- Gas cutting with manual gas distribution system or advanced automated gas regulation system (Omniflow)
- Two plasma straight cutting stations (Max.)
- Plasma Bevel unit Bevel-R
- Manual bevels for Plasma / Oxyfuel
- Manual triple bevel for Oxyfuel
- Pipe cutting attachment for round pipes and square tubes
- Programming and nesting software OmniWin
- IOT software OmniFab
- Laser pointer for plate alignment
- Progres⁺ cutting table
- Dust collection systems
- Auto spacing
- Auto shut-off valve
- Global reporter for Machine status and Time reports
- Virtual service for On-line help
- Automatic nesting, Job list Planner & Shape scanning
- Operator platform
- Overhead drag chain
- Operator Glare curtain
- Safety string system
- Accessories like Stabilizer, UPS etc..

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THE BENEFITS

- Positioning speed 24 m/min & acceleration 0.04g helps to reduce cycle time.
- Digital servo AC drives with precision gear boxes in X & Y axis.
- Robust beam with LM guides to ensure superior cut quality.
- Compact in design and fully concealed cables & hoses.
- Automatic gas regulation system – Eliminates manual intervention for setting the gas flow.
- Symmetric wheel housing design & parking space for unused torches increases the cutting width.
- Reliable height control for longer nozzle life and high-quality cuts.
- Messer hole technology for accurate inner contours.
- Various Marking techniques like Plasma, Powder & Punch marking helps avoiding post cutting operations (Optional)
- And many more...

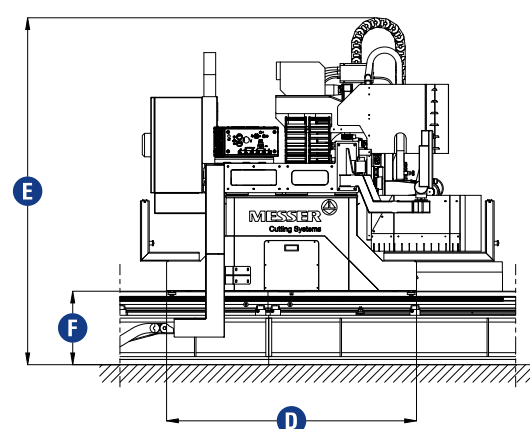
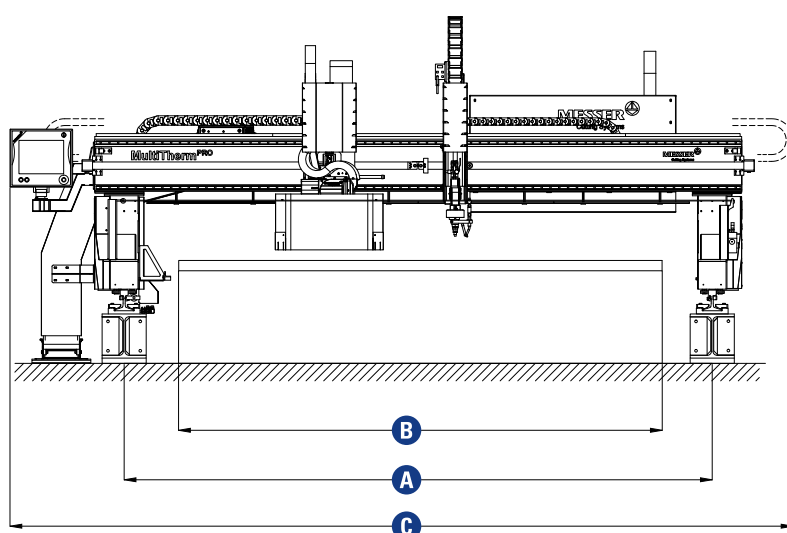
Machine Dimensions (all dimensions in mm)

A Track gauge	3100	3600	4000	5000	6000
B Working width*	2000	2500	3000	4000	5000
C Overall width**	4430	4930	5330	6330	7330
D Length	1700	1700	1700	1700	1700
E Height**	2360	2360	2360	2360	2360
F Track height**	500	500	500	500	500

Note: Other sizes on request (within 6m track gauge)

* Working widths apply for machines equipped with vertical torch units and with one tool per plate. When equipped with multiple tools, the working width is reduced accordingly.

** The total overall dimensions depend upon equipment fitted and may vary from the above figures.



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