



**MESSER**   
Cutting Systems

**MULTITHERM<sup>PRO</sup>**  
ENHANCED PRODUCTIVITY...  
INDUSTRY 4.0 READY

# MULTITHERM<sup>PRO</sup>

## 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<sup>+</sup> 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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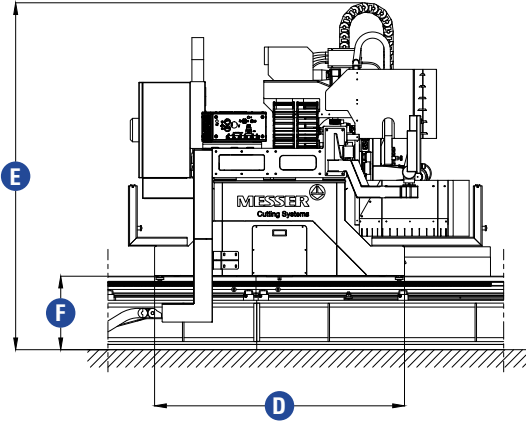
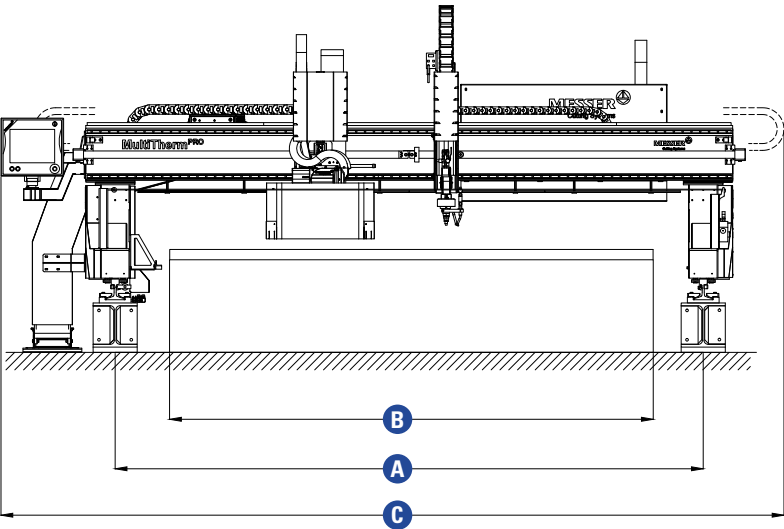
## THE BENEFITS

- 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 (True hole for Hypertherm cases) 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.



The descriptions, technical data and illustrations contained in this document are provided for guidance purposes only and are non-binding. The manufacturer reserves the right to make alterations to products without notices.

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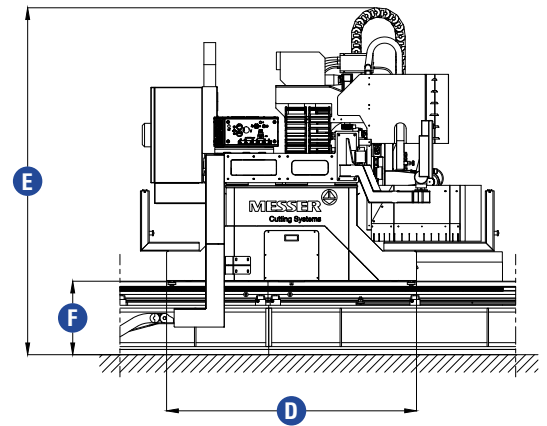
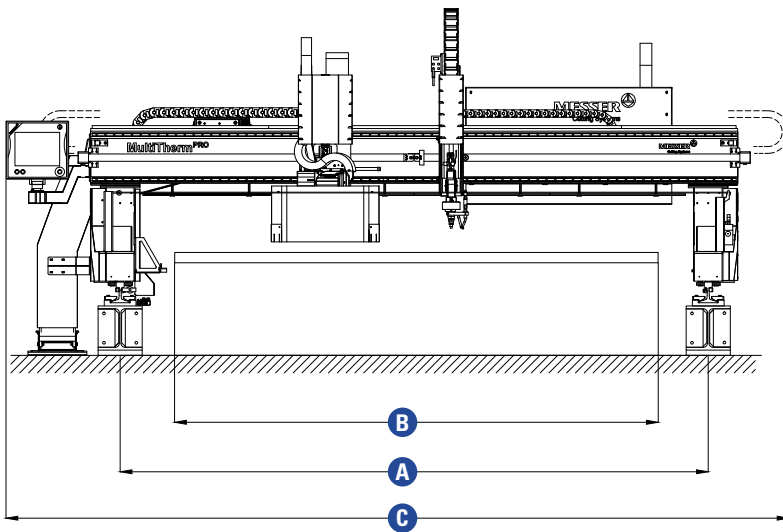
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