



MESSER 
Cutting Systems

METALMASTER 2.0

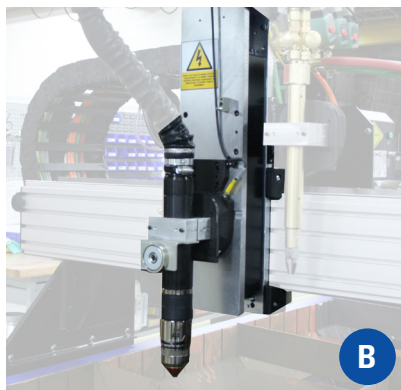
SUPERIOR CUT PERFORMANCE AT A LOW COST

METALMASTER 2.0 PRECISION CUTTING WITH A COMPACT



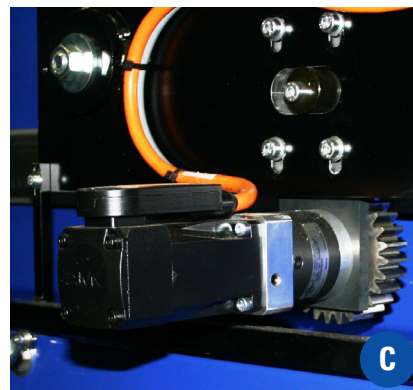
GLOBAL CONTROL 2.0

Our exclusive CNC control is a compact touch screen with a Windows® interface. Featuring custom shape library, CAD import, true-shape nesting, multiple process database with productivity monitoring, and Virtual Service™ remote diagnostics. Easy to learn functions allow employees to become expert operators in minutes.



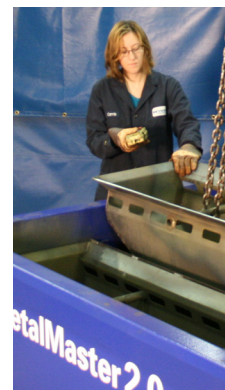
CSL LIFTER WITH SURESTOP COLLISION SENSOR

The high-speed CSL lifter with magnetic torch breakaway protects the torch while cutting and jogging. Quick and easy to realign prevents damage to the torch and lifter. Shown above with XPR torch and the PowerMax 125 comes standard.



X AND Y AXIS DRIVES

Dual AC servo motors coupled to precision planetary gear reducers drive the machine on large 1.25" by 1.75" Gudel ways. The 1.875" diameter full capture bearings in the Y-axis ride on precision ground and polished circular ways with the carriage driven by the AC servo motor.

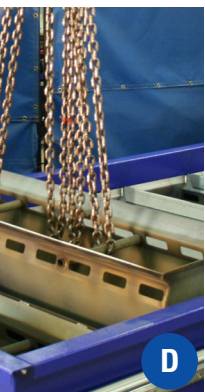


ZONED AND DUCTED

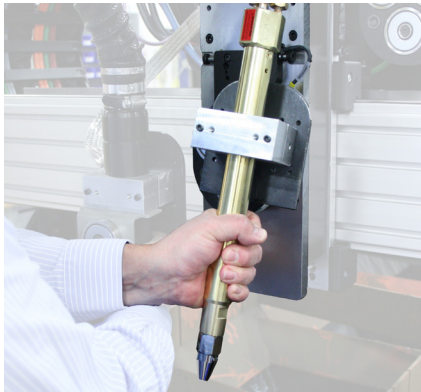
A smoke removal system with buckets. Includes a long built into the side wall a convenient exhaust connection to an optional duct. Six, 20 inch zones with dampers minimize the size by limiting smoke area under the torch.



ACT DESIGN



D TABLE
em with clean-out
ngitudinal duct
l of the table with
takeoff for low cost
onal dust collector.
h cam actuated
dust collector fan
extraction to the



TURBO FLAME™ OXYFUEL TORCH WITH SURESTOP COLLISION SENSOR

The optional Turbo Flame™ Torch coupled with our Omniflow gas control cuts up to 20% faster than other oxyfuel torches, regardless of the fuel gas used. The Turbo Flame™ torch is accurately position through the shared use of the CLS lifter and the SureStop Collision Sensor.

Scan to watch the
MetalMaster 2.0 video



STANDARD FEATURES

- Cutting width 5'.
- Cutting length 10'.
- Hypertherm Powermax 125 plasma torch with cutting up to 1" thick material. (Standard)
- Cuts mild steel, stainless steel, and aluminum.
- Compact design.
- Positioning speed of 1300 ipm reduces idle time between cuts.
- Control console mounted on the right side of machine for ease of access and safe operation.
- Easy access to cutting table for quick and easy plate loading and unloading.
- Specially designed slag buckets for easy table cleaning.
- Global Control 2.0, user-friendly touch-screen panel with a Windows® interface.
- Virtual Service™ remote diagnostics.
- Glare Shield.
- Laser Pointer.
- CSL torch lifter with SureStop Collision Sensor.
- Reliable height control via arc-voltage sampling improves nozzle life and cut quality.
- UL/CUL.

OPTIONAL FEATURES

- Turbo Flame™ oxyfuel torch with SureStop Collision Sensor and Omniflow gas control.
- XPR170 & XPR300 with plasma cutting up to 2" thick material.
- Ask about Visual Service.

METALMASTER 2.0

Are you looking for an economical plasma and oxyfuel cutting machine? The new MetalMaster 2.0 provides superior cut quality at a low cost. This space saving, compact machine can be quickly installed and ready to use.

Longitudinal drives with precision guiding system maintains accuracy to create quality cut parts. Positioning speeds up to 1300 ipm coupled with a fast, intelligent torch lifter helps minimize non-productive time.

With the user-friendly Global Control 2.0 touch-screen you are only a few clicks away to begin cutting.

Virtual Service™ remote diagnostics puts applications and service help with one push button. This is Messer's standard for reliability and high performance.

METALMASTER 2.0 MODEL MEASUREMENTS

MetalMaster 2.0	5' x 10'
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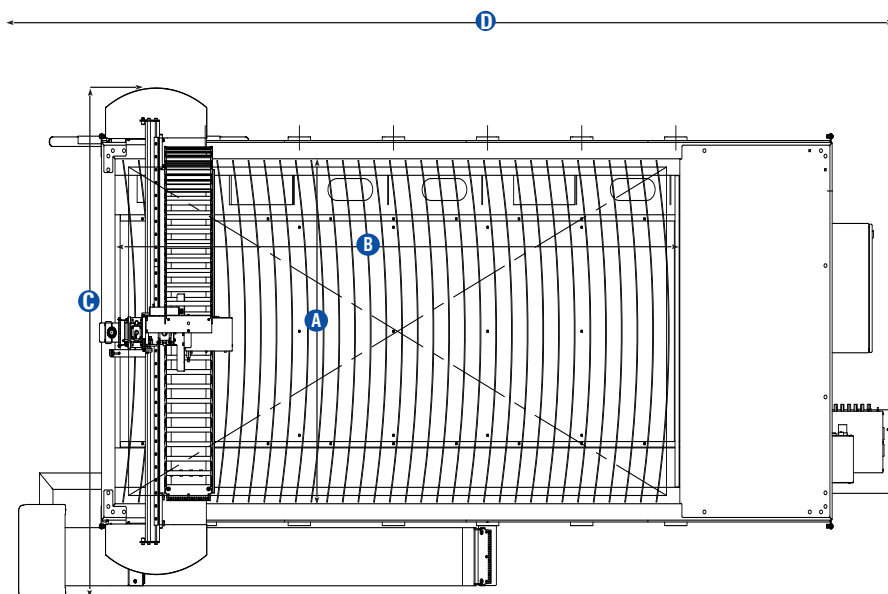
A Cutting Width	5' (60")
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B Working Length	10' (120")
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C Overall Width	9' (108")
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D Overall Length	19' (228")
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Table Height	3'-3" (39")
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