METALMASTER 2.0
SUPERIOR CUT PERFORMANCE AT A LOW COST

METALMASTER 2.0
PRECISION CUTTING WITH A COMPACT DESIGN

D Easy to clean
Slag buckets with smoke extraction.

B Precision cutting
With quick and accurate torch reset.

A Easy to operate
Intuitive, feature rich interface.

C Fast and precise
Smooth motion with swift acceleration.

MetalMaster 2.0

MESSER
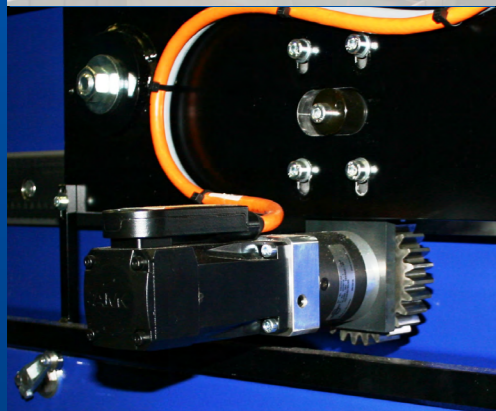Cutting Systems

⚠ WARNING
DO NOT STAND ON TABLE

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.

SL LIFTER WITH SURESTOP COLLISION SENSOR

The high-speed CSL lifer 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.
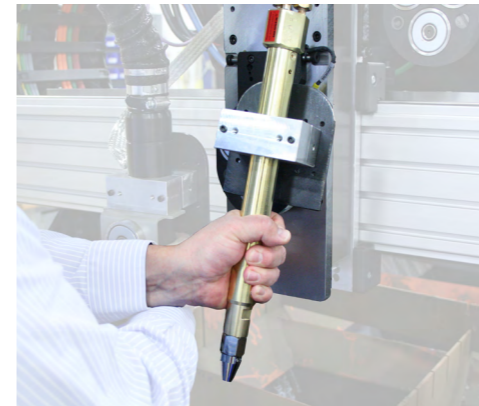
X AND Y AXIS DRIVES

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 TABLE

A smoke removal system with clean-out buckets. Includes a longitudinal duct built into the side wall of the table with a convenient exhaust takeoff for low cost connection to an optional dust collector. Six 20 inch zones with cam actuated dampers minimize the dust collector fan size by limiting smoke extraction to the area under the torch.

TURBO FLAME™ OXYFUEL TORCH WITH SURESTOP COLLISIONS 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.

METALMASTER 2.0

Are you looking for an economical plasma 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. This table features elbows for an optional integrated smoke extraction unit with fan and filter system for your shop's safety.

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

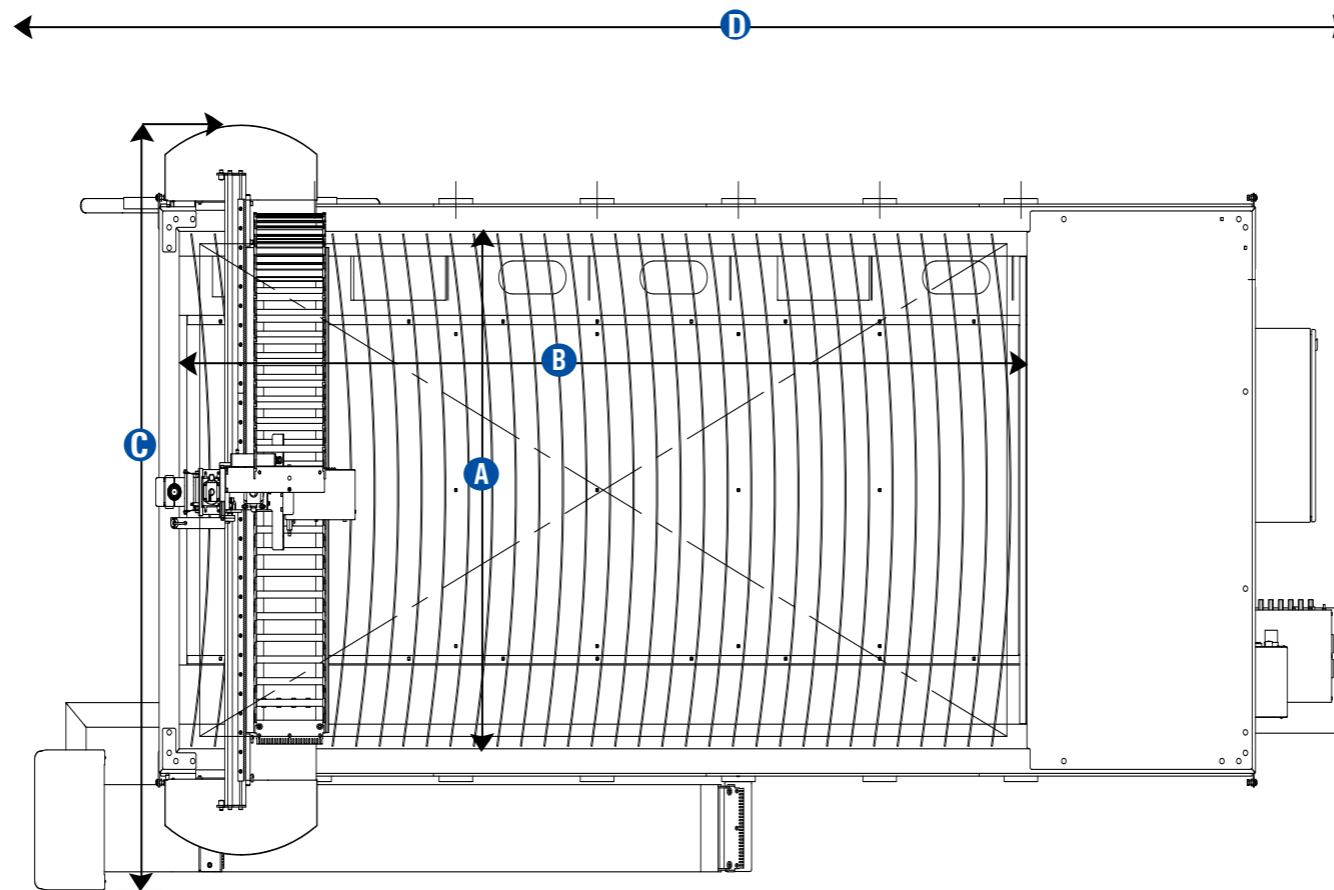| MetalMaster 2.0	5' x 10'
A Cutting Width	5' (60")
B Working Length	10' (120")
C Overall Width	9' (108")
D Overall Length	19' (228")
Table Height	3'-3" (39")

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.
- 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.
- XPR300 with plasma cutting up to 2" thick material.
- Ask about Visual Service.

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