

TAURUS



Precision Cutting For

50 PLUS
YEARS

Powered by **Hypertherm**[®]

Taurus Model 4000

Taurus is a highly configurable, large-format, precision shape cutting system designed to operate in 100% duty cycle, 24/7 environments. **Taurus** can be configured for conventional or precision plasma cutting, as well as for multi-head oxy-fuel applications. With floor mounted Heavy-Duty rails, **Taurus** provides a variety of configurations available in standard widths from 8' (2.4m) to 26' (7.9m), and can be extended to over 150' (45.7m) in length.

Dual-stage planetary gear-heads mounted directly to 3500 Watt AC servos provide exacting motion control and ultra smooth cut surfaces.

Precision Controls

Taurus is configured EDGE Connect industrial PC-based CNC control from **Hypertherm**. Turnkey configurations are available to take advantage of **Rapid Part** and **True Hole Technology** from **Hypertherm**. These packages integrate CNC controls, software, torch height control systems, and plasma power supplies to optimize cut and hole quality, improve material utilization, and reduce cycle times.

Precision Plasma

The **Taurus 4000** comes standard with the Hypertherm **XPR 300™ X-Definition** plasma system or Optional HPR 400 XD or 800XD HyDefinition Plasma. Optional A-B Tilt Plasma Bevel Station.

Large Format Plasma & Oxy-Fuel Cutting Machine

High Capacity Plasma & Oxy-Fuel

This large format machine is capable of carrying up to a total of 10 cutting stations. **Taurus** can carry up to 4 Plasma stations with systems to 800 amps, and up to 8 Oxy-fuel stations. Standard **Victor MT318** oxy-fuel torches are designed to cut plate up to 12" (300mm) thick.

Heavy Duty Frame & Rail System

Rugged all-steel frame and rail system components are designed to perform in severe environments. Large diameter crowned and hardened truck wheels with self-cleaning wipers glide over precision machined, tongue-in-groove sections of hardened 115# T-Rail. Precision AGMA gear rack insures repeatability and accuracy throughout the entire cutting envelope. All components used on **Taurus** are designed to provide smooth, long-lasting, low-maintenance operation in the harshest environments.

Options

C&G Systems offers a full line of options to configure and customize your **Taurus**. Options include: adjustable slave stations for multiple plasma or oxy-fuel torches, heavy-duty zoned down-draft or water cutting tables, exhaust systems, dedicated compressor systems, as well as professional CAD/CAM and nesting software packages to optimize system performance and maximize material yield.

Your Best Value in Precision Shape Cutting Systems.

C & G SYSTEMS

Call **C&G** Systems at (847) 816-9700 to consult with a sales representative today, or visit us on the web at www.cgsystems.com.

TAURUS

Model 4000
-Floor Mount

System Specifications

- Heavy All-Steel Frame and Rail System Construction
- Standard Cutting Widths From 8' - 26' (2.4M - 7.9m)
 - Custom Widths Available Upon Request
- Standard Cutting Length: 12' (3.7m)
 - Extensions Available In 4' (1.2m), 8' (2.4m), and 16' (4.9m) Increments up to 150' (45.7m)
- Cutting Station Capacity: 10 Stations Maximum
 - Up to 4 Plasma Stations
 - Up to 8 Oxy-Fuel Stations
- Industrial PC-Based **Hypertherm EDGE Connect** CNC Control:
 - Easy-To-Use 19" Touch Screen Operation
 - Windows 10 Based Operating System
 - SS Hard Drive / USB Ports / Wireless Networking
- 750 IPM Dual-Side Drive Package
 - 3500 Watt AC Servo Drive System
- **Hypertherm Sensor THC** Torch Height Control
 - Plasma Station Collision Sensor (Standard)
- Precision Plasma Systems
 - **Hypertherm XPR 300™, HPR 400XD® or 800 XD®** Plasma
 - Magnetic Plasma Torch Break-Away (Standard)
- Precision Linear Bearings on Cross Axis
- Hardened 115#, Tongue-In-Groove T-Rails
 - Pedestal Mounted, Floor Mounted Rail System
 - Helical Gear Rack and Pinion Drive
 - Self-Lubricating Pinions
- Enclosed Power-Track On All Axis



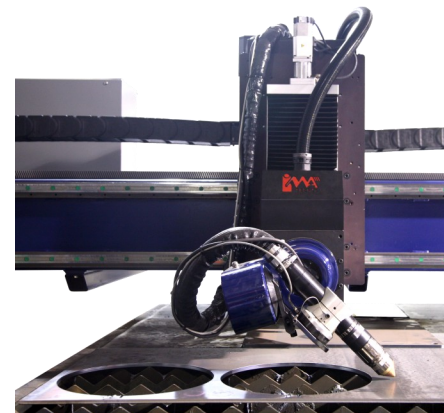
Taurus Equipped With
Hypertherm EDGE Connect CNC.



Available Hypertherm XPR 300 Plasma System.

Optional Equipment

- A-B Tilt Rotator Plasma Bevel Option
- **Hypertherm** Precision Plasma Up To 800 amps
- Oxy-Fuel Torches with Cable Drive Slave-Torch Positioning
- Oxy-Fuel Bevel Head Options
- Down-Draft Air Exhaust or Water Cutting Tables
- Exhaust Systems
- Dedicated Air Compressors & Dryers



Plasma Bevel Station.
Master Carriage

As Demanding As You Are.

C & G SYSTEMS

U.S. CUSTOMER SERVICE:

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