

A CUT ABOVE THE REST

Cutting machines
engineered and
built to handle
your production



RHINO

CUTTING SYSTEMS



Production HD Series

MACHINES:

- FIBER LASER
- PLASMA
- OXY FUEL
- BEVEL
- DRILL
- PIPE
- ROBOTIC

MACHINES:

Heavy Duty Single/Multi Station, 2D/3D Oxy Fuel/Plasma Cutting and Drilling Machines
engineered and built for your production needs.

HIGHLIGHTS:

- Engineered and built for heavy industrial production environments, OEM's and plate processing centers.
- Dual Beam Bridge for extra rigidity to support CAT 40/50 HSK Drilling station.
- Formed and welded end truck design.
- Rigorous FEA analysis of bridge design to reduce vibration and increase rigidity and profile cut quality.
- Available in standard and customer defined table sizes.
- Capability for multiple torch stations Plasma and/or Oxy Fuel – individually motor driven or CNC controlled spacing along an aircraft cable carriage.
- Heavy duty 50mm linear ways with dust sealed bearing blocks.
- Heavy gage module 2 helical rack and pinion mated with fully machined, hardened train rails.
- 3 Axis INFINITY CNC with industry leading 2 KW AC Servo motors and precision, ultra-low backlash planetary gearboxes.
- CNC Controlled multi-zoned Down Draft and variable level Water table options.
- Enabled with Plasma Optimization Package (POP) Technology available exclusively with Linatrol's INFINITY CNC suite — Saves up to 40% processing time of a nested sheet!
- Standard features include Linatrol high speed arc voltage torch lifter for plasma, capacitive lifters for oxy/fuel with protective crash switch.
- Spark resistant enclosed cable/hose management system.
- Overall clean, attractive aesthetic finish, designed with functionality, longevity and ease of service as its primary goals.
- Industry leading **5 year warranty on motors and gearboxes!**



**“If you have an
application—
we will have
the solution.”**



RHINO CUTTING SYSTEMS

5316 John Lucas Drive, Burlington, Ontario, L7L 6A6 Canada Phone: 289 245 1020 Fax: 289 245 1021

www.rhinocuttingsystems.com

info@rhinocuttingsystems.com

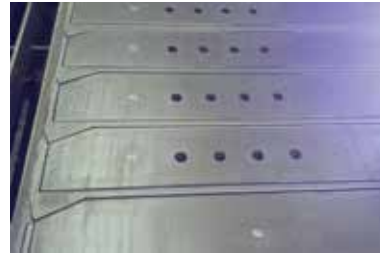
Built **RHINO** Tough...

A CUT ABOVE THE REST

Cutting machines engineered and built to handle your production



Infinity Touchscreen Operator Console



BENEFIT:

The Rhino Drill Head option provides the ability to drill, mark and plasma cut in one easy operation.

Production HD Series



POP TECHNOLOGY:

Plasma Optimization Package (POP) Technology available exclusively with Linatrol's INFINITY CNC suite can improve cycle time of a nested sheet by up to 40% through optimization of vertical axis motion and height detection algorithms.

OPERATOR ENHANCEMENT FEATURES:

- Soft Start Jogging
- Go To Previous Start
- Go To Next Start
- Go To Previous X/Y
- Power Loss Job Recovery
- Delayed Pause
- Bypass Marking
- Hold Start Position
- Laser Pointer Positioning
- Save As Start Position
- Variable Start Justification
- Shift Mode
- Manual Cutting – Follow Sheet Angle
- Manual Cutting – Cut To
- Complete machine setup from Cutting Parameters Database

OPTIONS AND FEATURES:

- Available in Standard and Customer defined sizes.
- Standard table sizes – 5' x 10' / 8' x 20' / 10' x 20' / 10' x 40.'
- Dowlraft Table features programmable ventilation zones with optional roll-out drawers for slag removal.
- Remote variable level control on Water Table models.
- Plate Marking System – Plasma, Punch, Ink-Jet.
- High Definition Plasma System.
 - Bolt Ready Holes
 - Optional hand torch for scrap cutting
- Intelligent oxy fuel cutting.
 - CNC Controlled Auto Gas Console for oxy fuel cutting operations
- Powerful and easy to use LinatrolCUT desktop nesting software.
- CNC Integrated torch lifter to enable POP Technology Features.
- Operator Enhancement Features.
- 15 kW Cat 40/50 HSK Drilling Station.
 - Provides the ability to drill, mark and plasma cut in one easy operation
 - Adjustable clamping force to 2500 pounds
 - Automatic tool changer
 - MQL Lubrication System (Minimum Quantity Lubricant)
- 3D Bevel Weld Preparation System.
 - Multi axis motion control to create precise weld preparation bevels
 - Light weight, robust, compact, pantograph design to produce true K, Y, V, X bevels
- Pipe and Tube Cutting.



RHINO CUTTING SYSTEMS

5316 John Lucas Drive, Burlington, Ontario, L7L 6A6 Canada Phone: 289 245 1020 Fax: 289 245 1021

www.rhinocuttingsystems.com

info@rhinocuttingsystems.com

Built **RHINO** Tough...