

A CUT ABOVE THE REST

Cutting machines
engineered and
built to handle
your production



RHINO

CUTTING SYSTEMS

Production Series Cutting Machines

MACHINES:

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



MACHINES:

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

HIGHLIGHTS:

- Engineered and built for heavy industrial production environments, OEM's and plate processing centers.
- Rigorous FEA analysis of bridge design to reduce vibration and increase rigidity and profile cut quality.
- Formed and welded end truck design.
- 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

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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'.
- Available in Dowlndraft and Water Table options.
- Dowlndraft Table features programmable ventilation zones with optional roll-out drawers.
- Remote variable level control on Water Table models.
- Plate Marking System – Plasma, Punch, Ink-Jet.
- High Definition Plasma.
 - 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.
- 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.



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