

CUT OUT FOR YOUR BUSINESS

Cutting machines
tough enough to handle
the small details



RHINO

CUTTING SYSTEMS



FabShop Series Cutting Machines



MACHINES:

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

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

HIGHLIGHTS:

- High definition plasma cutting.
- Designed for fast paced production environments.
- Cutting envelopes up to 2.5 Meter (8ft) wide and up to 7.5 meter (24ft) long.
- Heavy duty 35mm linear ways with dust sealed bearing blocks.
- Module 2 helical rack and pinion gear set to ensure precise motion and superior cut quality.
- Unitized design for rigidity comes pre-tuned and tested for easy and quick installation.
- 3 Axis INFINITY CNC with 1 kW AC Servo motors and precision planetary gearboxes.
- 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.
- Heavy duty aluminum extruded and machined bridge with integrated heat shield is mated with 1¼” thick aluminum end trucks for quick traverse speeds and low vibration while cutting.
- All electronics are sealed and protected in an integrated chamber at the rear of the machine, this area doubles as a parking area for the bridge during material handling.
- 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!
- Industry leading **5 Year warranty on motors and gearboxes!**



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

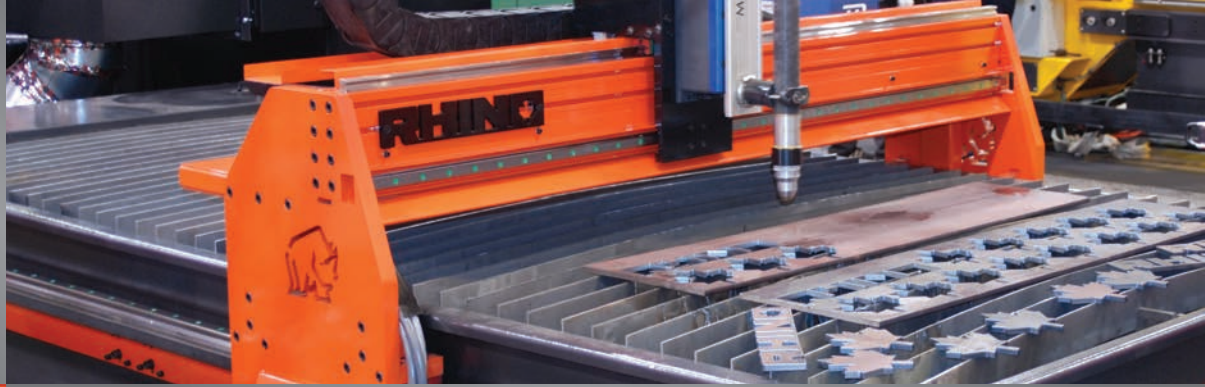
www.rhinocuttingsystems.com

info@rhinocuttingsystems.com

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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



Infinity Touchscreen Operator Console



Linatrol high speed torch lifter.

OPTIONS AND FEATURES:

- Standard and custom sizes from 5' x 10' to 8' x 24' cutting envelope.
- Available in Dnndraft and Water Table options.
- Dnndraft Table features programmable ventilation zones with optional roll-out drawers.
- Remote variable level control on Water Table models.
- CNC Integrated torch lifter to enable POP Technology Features.
- Bolt Ready Holes.
- Operator Enhancement Features.
- Optional hand torch for scrap cutting.



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