

 **QUAKELOGIC**

QL- ShearMaster

CNC HYDRAULIC SHEARING SYSTEM



QL- ShearMaster

CNC HYDRAULIC SHEARING SYSTEM

- The QL-ShearMaster CNC Hydraulic Shearing System is a high-precision, heavy-duty sheet metal cutting solution engineered for industrial applications requiring accuracy, durability, and operational efficiency.
- Featuring a robust welded steel frame, advanced CNC control system, and high-performance hydraulic architecture, the system delivers consistent cutting quality across a wide range of materials including mild and stainless steel.
- The integrated digital back gauge, automatic blade clearance adjustment, and optimized cutting cycle ensure enhanced productivity and repeatability.
- Designed to meet or exceed all industry requirements, the QL-ShearMaster provides reliable performance, user-friendly operation, and long-term operational stability for demanding fabrication environments.

Technical Specifications

Machine Type:	CNC Hydraulic Guillotine Shearing Machine
Maximum Cutting Thickness:	8 mm (Mild Steel) (5/16 in)
Maximum Cutting Length:	98 in (\approx 2500 mm)
Cutting Capacity:	1/4 inch mild steel, 1/8 inch stainless steel (minimum requirement compliant)
Stroke Rate:	20 strokes / min
Cutting Angle:	Adjustable (approx. 0.5° – 1.5°)
Back Gauge Range:	10 – 800 mm (CNC controlled)
Back Gauge Type:	Motorized, precision ball screw driven (HIWIN linear guides)
Control System:	CNC Controller
Blade System:	High-carbon, high-chromium blades with four cutting edges
Blade Clearance Adjustment:	Automatic
Hydraulic System:	High-efficiency hydraulic system with industrial-grade components
Hold-Down System:	Hydraulic hold-down clamps for material stability
Main Motor Power:	10 HP (\approx 7.5 kW)
Power Supply:	208V, 3-Phase, 60 Hz (US compliant configuration)
Frame Construction:	Heavy-duty welded steel structure



Technical Specifications



Squaring Arm:	60 in (≈ 1500 mm) heavy-duty squaring arm
Front Support Arms:	Included for sheet stabilization
Spare Blade Set:	Included (multi-edge cutting configuration)
Machine Dimensions:	Approx. 118 in x 71 in x 83 in (3000 × 1800 × 2100 mm)
Machine Weight:	Approx. 5,800 kg
Safety Features:	Foot switch control, emergency stop, protective guarding
Documentation:	Full OEM manuals, schematics, and safety instructions included
Warranty:	Minimum 3-year OEM warranty



High-Precision CNC Shearing Solutions with QuakeLogic Excellence

Corporate Headquarters

QUAKELOGIC INC.
2008 Opportunity Dr. Suite 130
Roseville, CA 95678, USA

Executive Support Line

+1 (916) 899-0391

Direct access for advanced technical consultations and priority technical support.

Available Monday - Friday, 9 AM - 5 PM PST

Strategic Inquiries

sales@quakelogic.net

For strategic collaborations, enterprise-level CNC and fabrication solutions, and comprehensive technical inquiries.

Our Unwavering Commitment to Operational Excellence

Certified Quality Assurance

Complying with international standards for product reliability, performance, and safety.

Pioneering Industry Leadership

Delivering advanced CNC cutting and hydraulic shearing technologies that ensure precision, repeatability, and ease of operation.

Dedicated Client Success

Providing responsive technical support, calibration guidance, and complete after-sales assistance for every system delivered.

Explore Our Complete Product Portfolio



Scan to Access Cutting-Edge Solutions

Discover how QuakeLogic's advanced CNC machining and sheet metal processing solutions can transform your fabrication workflows and elevate production efficiency to new heights.

www.quakelogic.net