

QUAKELOGIC

HYDRAULIC GUILLOTINE

SHEAR

QL-ShearPro
100-10



QL-SHEARPRO 100-10

HYDRAULIC GUILLOTINE SHEAR



DISCOVER HIGH-PRECISION SHEET METAL CUTTING PERFORMANCE

QuakeLogic's QL-ShearPro 100-10 Hydraulic Guillotine Shear is a high-performance hydraulic sheet metal cutting machine engineered to deliver precise, efficient, and repeatable cutting for fabrication shops, metalworking facilities, and industrial manufacturing environments. Featuring a fully welded steel frame, hydraulic drive system, servo-controlled back gauge, and hardened tool steel blades, the QL-ShearPro 100-10 provides reliable performance, high cutting accuracy, and long-term operational durability.

- Improves production efficiency by delivering fast, accurate, and repeatable cutting with servo-controlled back gauge positioning and optimized hydraulic shearing performance.
- Reduces operating costs through durable hardened tool steel blades, automatic blade clearance adjustment, and a robust hydraulic drive system designed for long service life and minimal maintenance.
- Enhances operator safety with integrated front and rear safety guards, stable machine construction, and reliable hydraulic operation for secure sheet metal processing.
- Supports continuous industrial production through multiple operating modes, precision back gauge control, heavy-duty welded construction, and consistent cutting performance across a wide range of sheet metal applications.

STANDARD FEATURES »

- Hydraulic Guillotine Shear Machine
- Hydraulic Drive System
- Servo-Controlled Back Gauge
- Automatic Blade Clearance Adjustment
- Fully Welded Heavy-Duty Steel Frame
- Hardened 6CrW2Si Tool Steel Blades (HRC 54–58)
- Adjustable 2° Blade Angle
- Front Support Arms
- Table Guides
- Front & Rear Safety Guards
- Jog / Single / Auto Operating Modes
- 220V / 3-Phase / 60Hz Electrical Configuration
- Factory Tested Prior to Shipment
- Standard Manufacturer Warranty

KEY FEATURES

- Delivers precise and repeatable sheet metal cutting through a high-performance hydraulic drive system and rigid guillotine shear design.
- Cuts up to 100 in long sheets with capacities of 10 Gauge mild steel and 13 Gauge stainless steel for a wide range of fabrication applications.
- Servo-controlled back gauge provides accurate material positioning to improve cutting consistency and production efficiency.
- Automatic blade clearance adjustment optimizes cutting quality while reducing blade wear and simplifying machine setup.
- Fully welded heavy-duty steel frame minimizes vibration and ensures long-term structural rigidity during demanding production operations.
- Hardened 6CrW2Si tool steel blades (HRC 54–58) provide excellent wear resistance, extended service life, and consistent cutting performance.
- Multiple operating modes including Jog, Single, and Auto support flexible operation for setup, individual cuts, and continuous production.
- Integrated front and rear safety guards provide enhanced operator protection while maintaining reliable and efficient machine operation.

PRODUCT FEATURES

Machine Type

Hydraulic Guillotine Shear
Material Capacity
10 Gauge Mild Steel
13 Gauge Stainless Steel

Cutting Performance

100 in Cutting Length
22 Strokes Per Minute
Adjustable 2° Blade Angle

Control & Operation

Servo-Controlled Back Gauge
Automatic Blade Clearance Adjustment
Jog / Single / Auto Operating Modes

Construction

Fully Welded Heavy-Duty Steel Frame
6CrW2Si Hardened Tool Steel Blades (HRC 54–58)
Front Support Arms
Table Guides

Safety

Front & Rear Safety Guards
Electrical Requirements
220V / 3-Phase / 60Hz

For more information about the features, specifications, and available configurations of the QL-ShearPro 100-10 Hydraulic Guillotine Shear, please contact QuakeLogic.

MACHINE CONFIGURATION

Component	Configuration
Machine Type	Hydraulic Guillotine Shear
Drive System	Hydraulic Drive
Back Gauge	Servo-Controlled
Blade Clearance	Automatic Adjustment
Blade Material	Hardened 6CrW2Si Tool Steel
Blade Hardness	HRC 54–58
Construction	Fully Welded Steel Frame
Safety	Front & Rear Safety Guards
Electrical Requirement	220V / 3-Phase / 60Hz

CUTTING CAPACITY

Specification	Value
Maximum Cutting Length	100 in
Mild Steel Capacity	10 Gauge
Stainless Steel Capacity	13 Gauge
Blade Angle	Adjustable 2°
Strokes per Minute	22 SPM
Front Gauge Capacity	24 in
Back Gauge Range	31.5 in

OPTIONAL FEATURES & ACCESSORIES

OPTIONAL ADVANCED CNC CONTROLLER

Upgrade the standard machine controls with an advanced CNC controller that provides enhanced programming capabilities, improved positioning accuracy, and expanded production management functions for demanding sheet metal applications.

AUTOMATIC FRONT FEEDER SYSTEM

Automates sheet feeding operations to increase production efficiency, improve workflow, and reduce manual material handling during repetitive cutting tasks.

PNEUMATIC SHEET SUPPORT SYSTEM

Supports large and thin sheet materials during the cutting process to improve handling, reduce material deformation, and enhance cutting accuracy.

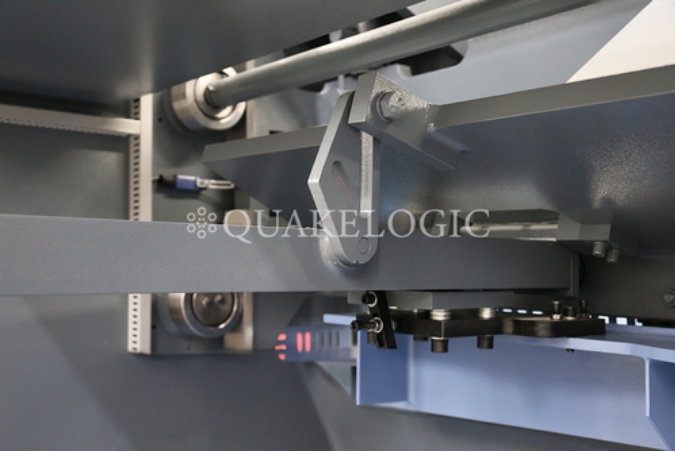
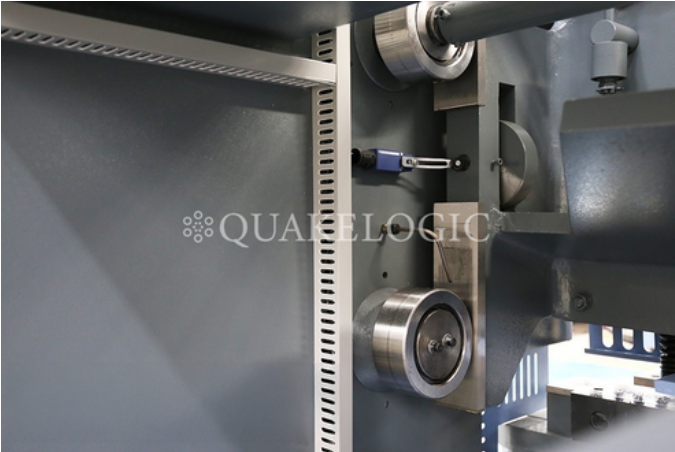
LIGHT CURTAIN SAFETY SYSTEM

Provides additional operator protection by monitoring the working area and automatically stopping machine operation when the safety zone is interrupted.

TECHNICAL SPECIFICATIONS

Specification	Description
Product	QL-ShearPro 100-10 Hydraulic Guillotine Shear
Machine Type	Hydraulic Guillotine Shear
Cutting Length	100 in
Mild Steel Capacity	10 Gauge
Stainless Steel Capacity	13 Gauge
Blade Length	102.4 in
Blade Angle	Adjustable 2°
Strokes per Minute	22 SPM
Front Gauge Capacity	24 in
Back Gauge Range	31.5 in
Operating Modes	Jog / Single / Auto
Main Motor	7.5 HP
Hydraulic Pump Pressure	4,570 PSI (31.5 MPa)
Hydraulic Pump Flow	1.53 cu in/rev (25 mL/rev)
Electrical Requirement	220V, 3-Phase, 60Hz
Construction	Fully Welded Steel Frame
Blade Material	Hardened 6CrW2Si Tool Steel
Blade Hardness	HRC 54–58
Front Support Arms	Standard
Table Guides	Standard
Back Gauge	Servo-Controlled
Safety	Front & Rear Safety Guards
Machine Footprint (L x W x H)	126 x 71 x 79 in
Shipping	Forklift Compatible
Warranty	Standard Manufacturer Warranty

PRODUCT GALLERY



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About QuakeLogic:

- QuakeLogic Inc. is a California-based engineering and technology company providing innovative, reliable, and high-quality solutions to customers worldwide.

Our Commitment

- At QuakeLogic, we are committed to quality, innovation, and customer satisfaction. We build lasting partnerships by delivering reliable solutions and dependable support.

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