

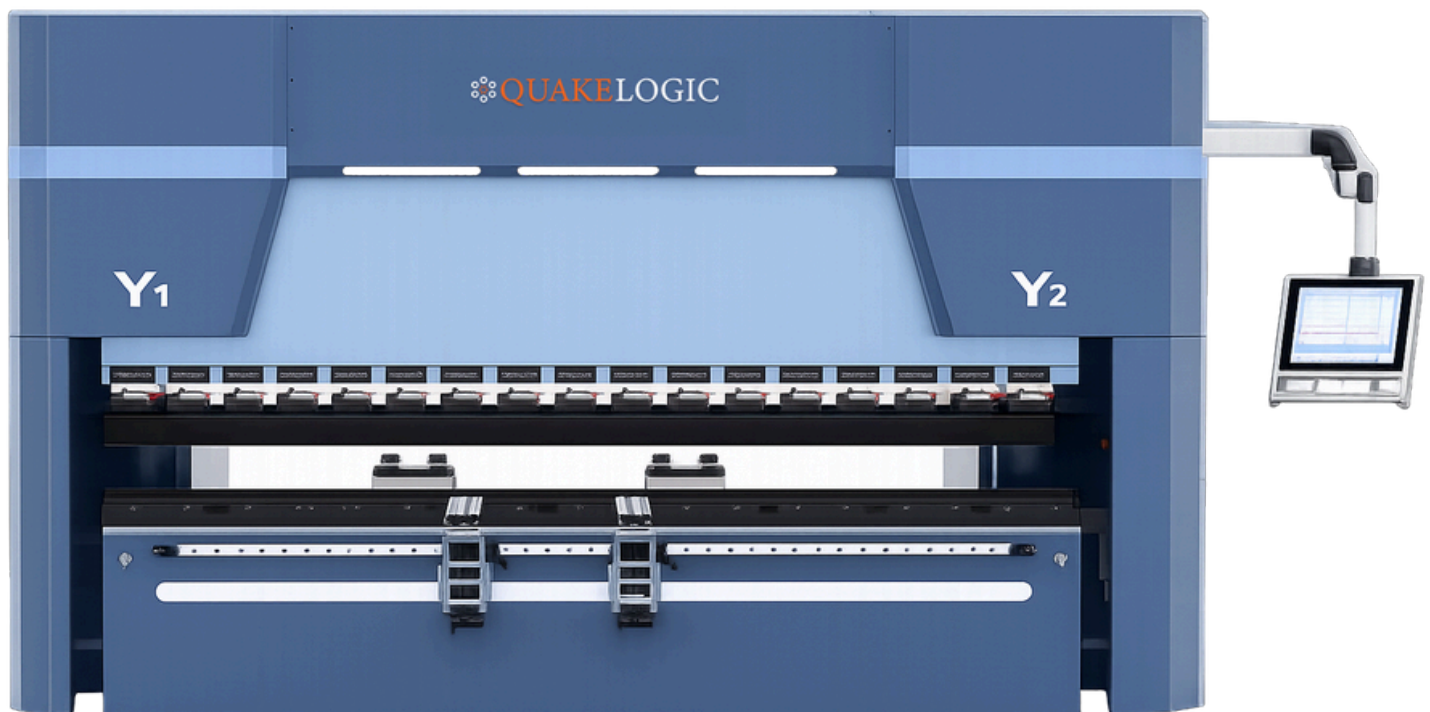


QuakeLogic QL-PressPro 80-2500

CNC HYDRAULIC PRESS BRAKE SYSTEM

General Description

The QuakeLogic QL-PressPro 80-2500 is a precision CNC hydraulic press brake system designed for high-accuracy sheet metal forming applications. The system combines synchronized hydraulic control, advanced CNC programming capability, servo-driven back gauge positioning, and automatic crowning technology for repeatable and efficient bending operations.



✓ Machine Configuration:

• Model:	• QL-PressPro 80-2500
• Machine Type:	• CNC Hydraulic Press Brake
• CNC Controller:	• DELEM DA53TX Touchscreen CNC System
• Axis Configuration:	• 4+1 Axis (Y1, Y2, X, R + Crowning)
• Programming Capability:	• 2D Graphical Programming
• Hydraulic System:	• Rexroth Hydraulic System
• Electrical Components:	• Schneider Electric
• Optical Scales:	• FAGOR Precision Optical Scales
• Crowning System:	• Mechanical Auto Crowning System
• Back Gauge System:	• Servo-Driven Precision Back Gauge

✓ Technical Specifications:

• Rated Capacity:	• 80 Ton
• Effective Bending Length:	• 2500 mm (98.4 in)
• Distance Between Housings:	• 2032 mm (80 in)
• Throat Depth:	• 340 mm (13.4 in)

✓ Technical Specifications:

• Maximum Opening Height:	• 400 mm (15.7 in)
• Ram Stroke:	• 160 mm (6.3 in)
• Approach Speed:	• 200 mm/sec
• Bending Speed:	• 15.2 mm/sec minimum
• Return Speed:	• 160 mm/sec
• Input Power:	• 220V / 3 Phase
• Motor Configuration:	• 3-Phase Servo Motor
• Back Gauge Configuration:	• Servo-Driven
• Maximum Bend Angle:	• Up to 135°+
• Machine Weight:	• Approx. 6.8 Tons
• Positioning Accuracy:	• ±0.02 mm
• Repeat Positioning Accuracy:	• ±0.05 mm

✓ Standard Features:

• DELEM DA53TX graphical touchscreen CNC controller
• 2D profile programming capability
• Precision synchronized hydraulic ram control

✓ Standard Features:

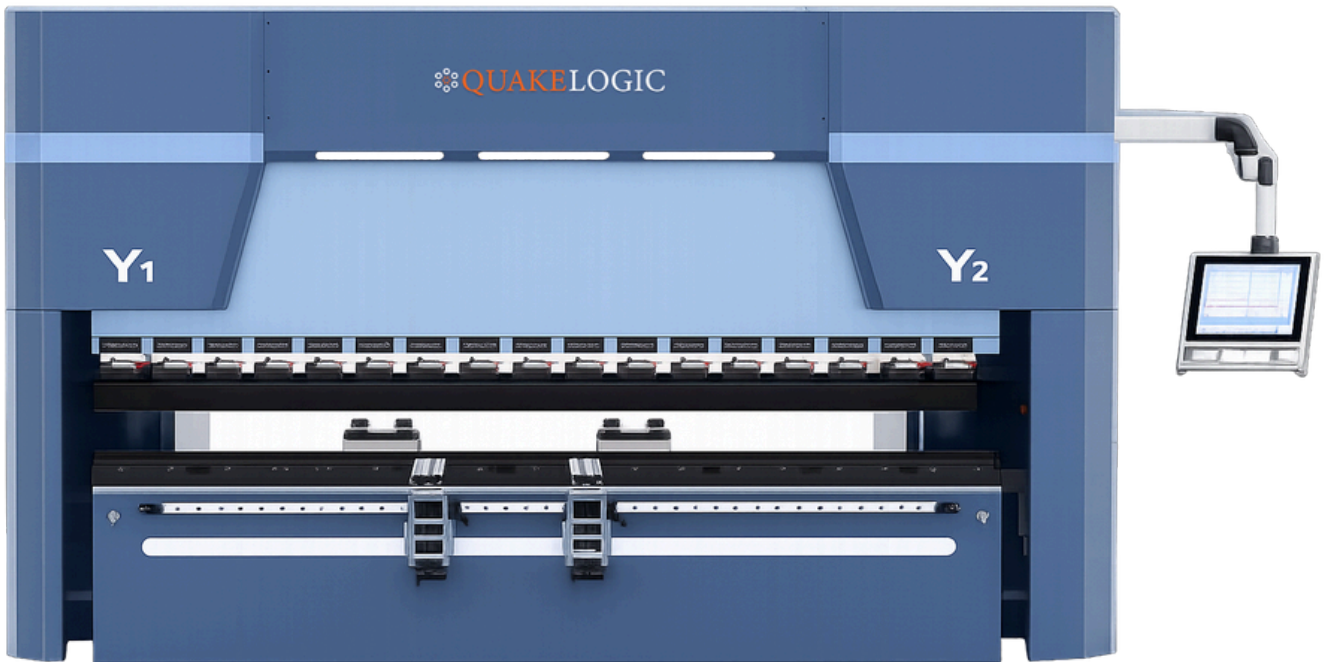


- Automatic CNC crowning compensation system
- Servo-driven X and R axis back gauge
- FAGOR optical feedback scales
- Rexroth hydraulic components
- Schneider electrical system
- Precision segmented punch tooling
- Multi-V concentric die tooling
- Front material support arms
- Foot pedal control system
- Fast clamp tooling system

✓ Included Tooling:



- 4V Multi-Opening Concentric Die Set
- Segmented Precision Punch Tooling
- Standard Sheet Metal Bending Tool Kit



Advanced CNC Press Brake & Metal Forming Solutions

Corporate Headquarters

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

Executive Support Line

+1 (916) 899-0391

Direct support for CNC hydraulic press brake systems, sheet metal forming applications, bending operations, and industrial fabrication systems.

Available Monday - Friday, 9 AM - 5 PM PST

Strategic Inquiries

sales@quakelogic.net

For CNC press brake systems, hydraulic bending solutions, sheet metal processing applications, and fabrication support inquiries.

Our Commitment to CNC Press Brake Solutions

Precision Sheet Metal Bending Performance

Delivering accurate, stable, and repeatable CNC hydraulic bending capability for industrial sheet metal fabrication, manufacturing workshops, and precision forming applications.

Advanced CNC Bending Capability

Providing synchronized hydraulic ram control, servo-driven back gauge positioning, automatic crowning compensation, and high-accuracy CNC bending performance.

Dedicated Technical Support

Ensuring reliable operational support, CNC setup guidance, bending process assistance, spare parts availability, and long-term technical service for industrial press brake operations.

Scan to Explore CNC Hydraulic Press Brake Solutions



Explore CNC Bending Capabilities and Precision Sheet Metal Forming Applications

Discover how the QL-PressPro 80-2500 delivers precision CNC bending performance, synchronized hydraulic control, advanced graphical programming capability, and efficient sheet metal fabrication operation for demanding industrial environments.

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