BAILEIGH PR-10500-4NC

FOUR-ROLL PLATE BENDING MACHINE | PRODUCT SPECIFICATION SHEET

POWER	FORMING WIDTH	ROLLING CAPACITY	DRIVE
480 V / 3-phase	122 in	0.55 in mild steel	2 driven rolls

KEY FEATURES

- Italian-made four-roll hydraulic plate bender with Nexus NC touchscreen control.
- Two driven central rolls use independent hydraulic motors and planetary gearboxes.
- Hardened, polished forming rolls; plate remains pinched during the rolling cycle.
- Pre-bends leading and trailing edges and rolls the plate in one pass.
- Independent hydraulic side-roll movement, cone bending, and hydraulic material removal.
- Movable console with 3-axis control, manual operation, 2 position DROs and program memory.

TECHNICAL SPECIFICATIONS

Item number	PR-10500-4NC
Rolling capacity (mild steel)	0.55 in
Forming width	122 in
Number of rolls / driven rolls	4 / 2
Top / bottom roll diameter	11.4 in / 10.6 in
Side roll diameter	8.2 in
Roll adjustment	Hydraulic
Programming	Nexus NC System
NC program memory	300 programs, up to 99 steps each
Operator controls	3-axis touchscreen (X, Y, Z); manual toggles; 2 DROs
Motor / power	10 hp / 480 V, 3-phase
Shipping weight	17,600 lb
Shipping dimensions (L × W × H)	176 × 58 × 39 in

NC CONTROLS & FORMING

Touchscreen controls three bending axes, two side supports, the central support and plate pinching. Programmable bend points can be saved and recalled; front and back roll positions appear on two digital readouts. The stabilizer torsion bar helps keep the front rolls parallel to the top roll.

WARRANTY & SUPPORT

1-year parts warranty and lifetime telephone technical support. Free training and demonstrations at Baileigh’s Wisconsin headquarters; optional on-site training available for a fee.

Capacity note: Product description specifies nominal 1/2 in mild-steel capacity; the supplied specification table lists 0.55 in rolling capacity. Specifications subject to change without notice.