

Numerical Control Press Brakes



ProStar™ PRSBP5060NC Press Brake



**50-TON CAPACITY
UP TO 60 IN. LENGTH**

ELECTRIC BACK GAUGE WITH MANUAL MICROMETER ADJUSTMENT

- Extra-wide guidelines for exceptional rigidity
- Adjustable two-step downward travel for higher productivity
- An oversized hydraulic tank and high-performance pump smooth and stabilize oil flow
- Photoelectric safety curtain
- Accepts any standard press brake tooling
- Vertical positioning via electronic encoder and mechanical stops

The Press Brake Designed for the Small to Medium-Sized Fabricator

ProStar's PRSBP5060NC hydraulic sheet-metal press brake is easy to use and well built. It ships standard with a complete set of production-style, single-vee tooling.

Both the upper beam and the back gauge on this two-axis NC bender are encoder-controlled for precision. The upper beam is actuated downward by two heavy, industrial hydraulic cylinders. A hardened track includes three axes of bearings, while a parallel mechanism forces synchronization of top and bottom dies. These features ensure accurate, quality bends across the beam width.

Three operating modes will assist you from setup to full production. A rigid, electro-welded, plate-steel frame ensures precision accuracy and smooth production runs.

SPECIFICATIONS	PRSBP5060NC
MAXIMUM CAPACITY	50 tons
BENDING CAPACITY (MAX LENGTH @ MAX THICKNESS)	61 in. / .118 in.
DISTANCE BETWEEN HOUSINGS	49.21 in.
DISTANCE FROM TABLE TO RAM	11.81 in.
THROAT DEPTH (TO HOUSING)	7.87 in.
STROKE DISTANCE	5.9 in.
APPROACH SPEED	3.14 in. / sec.
BENDING SPEED	.275 in. / sec.
RETURN SPEED	2.36 in. / sec.
GAUGE LENGTH	23.62 in.
MAIN MOTOR	5 hp
BACK GAUGE MOTOR	1/2 hp
POWER REQUIREMENT	220 V 3-ph
OIL CAPACITY	28 gal
DIMENSIONS (L/W/H)	74.80 in. × 51.18 in. × 86.61 in.
WEIGHT	2,640 lbs.

Specifications subject to change without notice. Consult your Praxair representative when ordering.