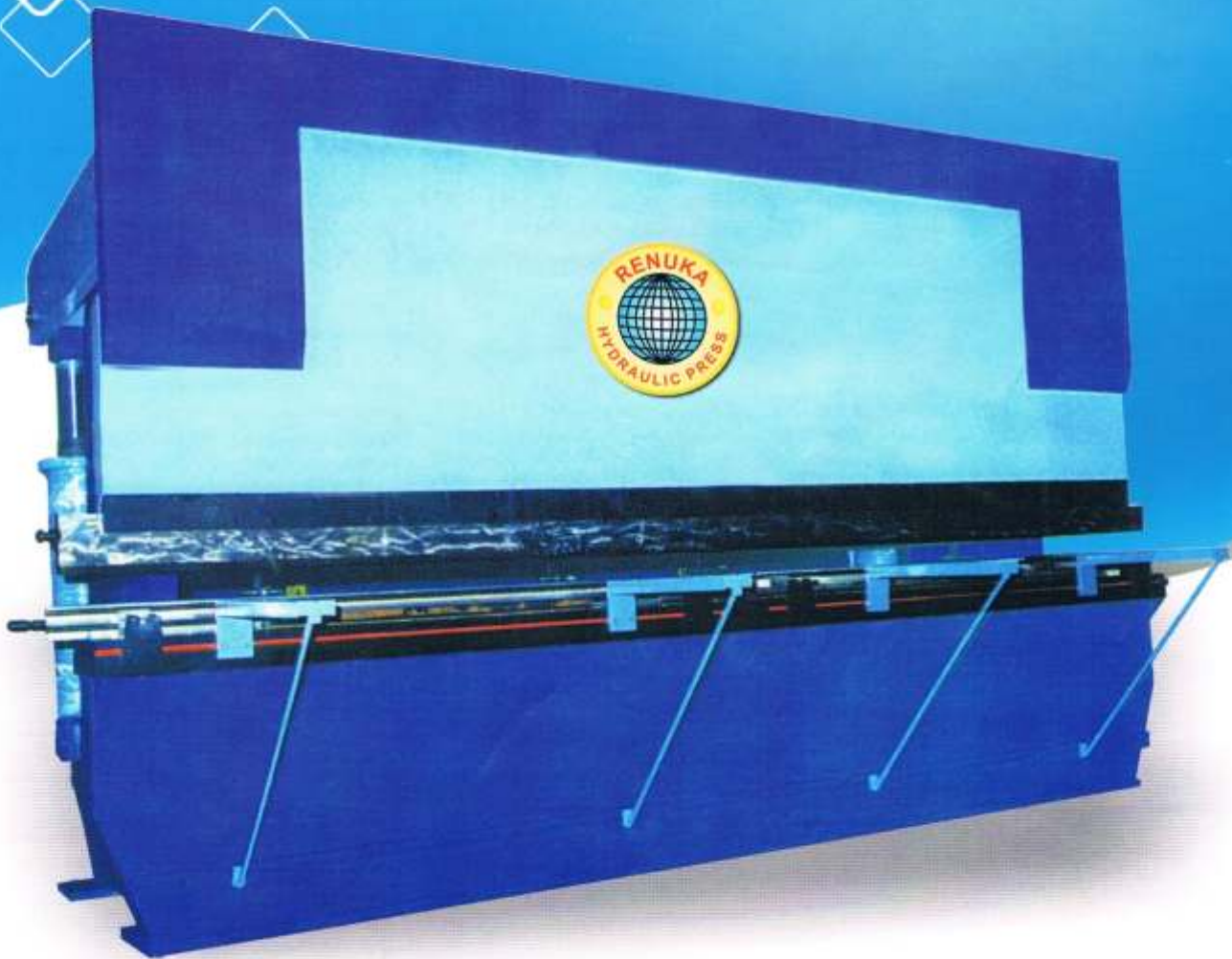




HYDRAULIC PRESS BRAKE



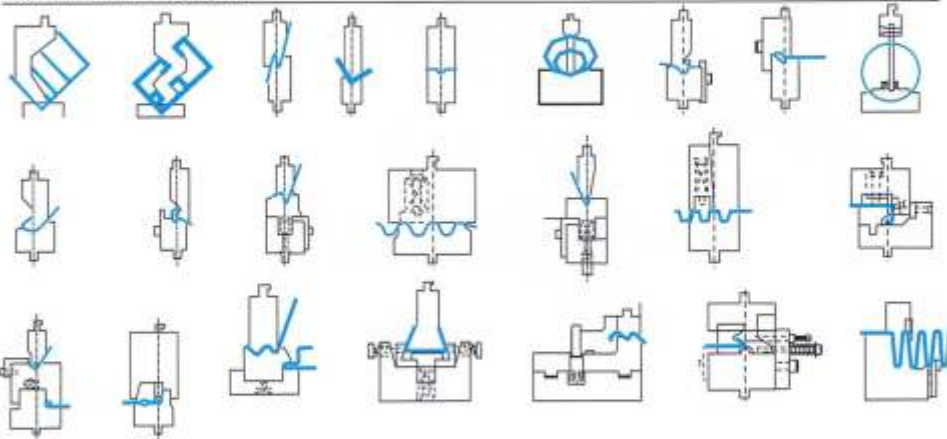
RAHI
HYDRAULIC SYSTEM

Specification for Renuka Hydraulic Press Brake



Model	Tonnage	Table Length mm	Bending capacity (approx) mm		Table Width mm	Clear Post mm	Ram stroke mm	Open height mm	Throat Depth mm	Speeds Approach Pressing Return mm / sec	Power HP
RPB214	20	1400	2x1250	3x800	125	1050	100	250	100	35-10-40	3
RPB320	30	2100	2x2000	3x1250	125	1550	100	250	200	30-7-30	3
RPB425	40	2500	2x2500	3x1500	180	2050	100	250	200	40-8-45	5
RPB515	50	1500	4x1500	5x1250	180	1050	100	250	200	40-7-42	5
RPB520	50	2100	3x2000	4x1500	180	1550	100	250	200	40-7-42	5
RPB525	50	2500	2.5x3000	3x2000	180	2050	100	250	200	40-7-42	5
RPB625	65	2500	3x2500	4x2000	180	2050	150	330	200	28-5-40	5
RPB630	65	3100	2.5x3000	4x2500	180	2550	150	330	200	28-5-40	5
RPB825	80	2500	4x2500	5x2000	180	2050	150	330	200	38-6-45	7.5
RPB830	80	3100	3x3000	4x2500	180	2550	150	330	200	38-6-45	7.5
RPB1025	100	2500	5x2500	6x2000	180	2050	150	330	200	40-6-45	10
RPB1030	100	3100	4x3000	5x2500	180	2550	150	330	200	40-6-45	10
RPB1040	100	4100	3x4000	4x3000	180	3550	150	330	300	40-6-45	10
RPB1225	125	2500	6x2500	8x2000	230	2050	150	350	300	38-5-42	15
RPB1230	125	3100	5x3000	6x2500	230	2550	150	350	300	38-5-42	15
RPB1240	125	4100	4x3500	5x3000	230	3500	150	350	300	38-5-42	15
RPB1625	160	2500	8x2500	10x2000	230	2050	150	350	300	35-6-45	20
RPB1630	160	3100	6x3000	8x2500	230	2550	150	350	300	35-6-45	20
RPB1640	160	4100	5x4000	6x3000	230	3100	200	350	300	38-6-45	20
RPB2030	200	3100	8x3000	10x2000	230	2550	200	400	300	35-7-45	25
RPB2040	200	4100	6x4000	8x3000	230	3100	200	400	300	38-6-45	25
RPB2050	200	5100	5x5000	6x4000	230	4100	200	400	300	35-7-45	25
RPB2530	250	3100	10x3000	12x2500	300	2550	200	400	300	35-7-45	30
RPB2540	250	4100	8x4000	10x3000	300	3100	200	400	300	35-7-45	30
RPB2550	250	5100	6x5000	8x4000	300	4100	200	400	300	35-6-42	30
RPB3030	300	3100	12x3000	15x2500	300	2550	200	400	300	35-6-42	30
RPB3040	300	4100	10x3500	12x3000	300	3100	200	400	300	35-6-42	30
RPB3050	300	5100	8x4600	10x3500	300	4100	200	400	300	30-6-38	30
RPB4030	400	3100	16x3000	20x2500	300	2550	250	500	350	30-6-38	40
RPB4040	400	4100	12x4000	16x3000	300	3100	250	500	350	30-6-38	40
RPB4050	400	5100	10x5000	12x4000	300	4100	250	500	350	25-5-40	40
RPB5030	500	3100	20x3000	25x2500	300	2550	250	500	350	25-5-40	50
RPB5040	500	4100	15x4000	20x3000	300	3100	250	500	350	25-5-40	50
RPB5050	500	5100	12x5000	15x4000	300	4100	250	500	350	25-5-40	50

Capacities rated for M.S. (U.T.S. 45kg/mm²). Bending capacities stated are only representative and not binding. Allow extra capacity for material inconsistencies, bending conditions. Right to change specification, features without notice reserved. Compliance with safety requirements as per local regulations is responsibility of the user.



RPB SERIES

Tonnage 20 to 500M. Tons
Length 1500 mm to 5000 mm
Press Brakes With NC Stroke (Y-axis)
NC Backgauge (X-axis)

Choice of Programmable Press Brakes NC stroke (Y-axis) with LED control

- » Multi-bend jobs easy with help of multiple front stops
- » Recall popular stroke settings for different jobs
- » Bend sequence programmable with different strokes
- » Interrupt production conveniently for one-off jobs

NC stroke, NC Back gauge (Y & X axis) with LCD control

- » LCD control, menus, stores popular jobs-tools
- » Bends complex jobs quickly with minimal handling
- » Accurate bends. Fewer inspections, rejections
- » Better productivity permits less machines-operators
- » Economical against costlier multi-axes CNC brakes.
- » Faster set-ups, Part re-runs Extremely Fast

Rear Cylinder Drive and its benefits

- » Two cylinders mounted on the rear drive the ram through levers
- » Torsion tube connects the levers to ensure parallel motion of ram
- » Levers multiply force. Simple cylinders, lower 160 bar working pressure
- » Smaller height-depth, hydraulic drive allows installing in tight places, upper floors.

Choice of feature packed Press Brakes Basic model with single stroke setting

- » Stroke referenced from bed. Repeatability ± 0.03 mm
- » Ram travel parallelism without use of servo-hydraulics
- » Convenient bend angle setting, 3-speed stroke cycle
- » Adjustable tonnage, stroke length, speed change point
- » Front supports with stops-scale, set of back-stops

Standard Feathers - Accessories for Basic Model

Ram travel repeatable within ± 0.03 mm for consistent bends for interchangeable output. Ram travel is referenced from bed to avoid side frame deflections affecting stroke accuracy. Rugged structure from ultra tested IS 2062 grade B plates, rigidity conforming to international standards. Hydraulics, electrical of internationally reputed brands for consistent performance and reliable operation. Front operated manual back gauge. Front sheet supports with scale. Most hydraulic parts for 310 bar but working pressure only 160 bar for long life, reliable operation. Ram guides of 5-pieces design with replaceable liners. Pivots with permanently lubricated bearings or hardened parts lubricated by central hand pump. Cylinders of ultra-tested seamless honed tubes, hard chrome-plated piston, dual seals (Teflon ring plus set of chevron packing's) for extra reliability. 3-speed bending cycles for faster output yet slow smooth bending with minimal shock loads. Movable control station with majority controls, emergency stop, up-down foot-switch controls. Inch cycle mode for set-up and one-off jobs. Single cycle modes for repeat cycle, production runs. Main cylinders seals can be easily replaced without requiring crane or dismantling the ram. Hydraulic power gives silent working, better safety against overload, instant stoppage-reversal of ram. One set of unhandled standard punch, multi-vee die. Block Lifting chains system and rotation of die block when using multi-vee die block.

Authorised Distributors:



Manufactured By:

RAHI HYDRAULIC SYSTEM
Rajkot (Gujarat), INDIA. Website: www.rahihydraulic.com