



Achievements in Hydraulic Cylinders, Power Pack etc

Bajaj Steel Industries is a company of BAJAJ group of Nagpur, India. Established in 1961, public limited company listed in Bombay Stock Exchange. We are the largest and OEM of Cotton Processing machinery. We have taken over Continental Eagle Inc. USA in 2012 and started manufacture as well as export of American Design machines like Ginning machines, Hydraulic presses, cylinders etc. to Australia, South Africa, West Africa, USA and many other countries. We have world class state of art Engineering, Manufacturing and Machining Facilities spread over 30000 sq.m area on a land of 32 Acres. We have been awarded with prestigious 'Star Export House' certificate by 'Ministry of commerce & Industry' for our consistency to be precise in design, manufacturing, commissioning and after sales support. From last 10 Years, we are into manufacture of Hydraulic components like Cylinders, Manifolds, Power packs, Press M/c etc. used in house for our machines as well as cement, Steel & Power Industries, construction & mining sectors.

Our Technical Capability:

- Design, Development and Manufacturing of Hydraulic Cylinders
- Design, Development, Fabrication & Repair of Hydraulic Power Packs
- Complete repair of Hydraulic Cylinders
- Design and Manufacturing of Manifold blocks
- Design, Development and Manufacturing of Hydraulic Press M/c
- Design and development of customized electric operated Power Pack
- Development and modification of Electrical Panels
- Heavy Fabrication Work
- Manufacturing of Sprockets, Pulleys, Gears Etc
- After Sales Support

Standard and Customized Hydraulic Cylinders designed & manufactured at Bajaj Steel Nagpur

1. Front Flange Mounting Cylinder

- Bore Dia 350 mm
 Piston Rod 280 mm
- Stroke 2260 mm
 Mounting Type Front Flange
- Used in Pressing applications at steel plant

2. SS TELESCOPIC CYLINDER

- Bore Dia 140 mm
- •1ST Piston Rod 105 mm
- •2ND Piston Rod 60 mm
- •Stroke 440 mm
- Mounting Clevis type
- Used in Food Industries











3. Tie Rod Cylinder

- •Bore Dia 150 mm
- Piston Rod 63 mm
- •Stroke 1000 mm
- Mounting Type Front Flange
- Used in Pulling applications

4. Tie Rod Cylinder

- Bore Dia
- 80 mm
- •Piston Rod
- 30 mm
- •Stroke
- 25 mm
- •Mounting Type Rear Plate
- ·Used in Pushing operation/applications

5. Bolted Type Cylinder

- Bore Dia 125 mm
- Piston Rod 50 mm
- Stroke 1000 mm
- Mounting Front Flange
- Used in Lifting application

6. Weld Type Cylinder

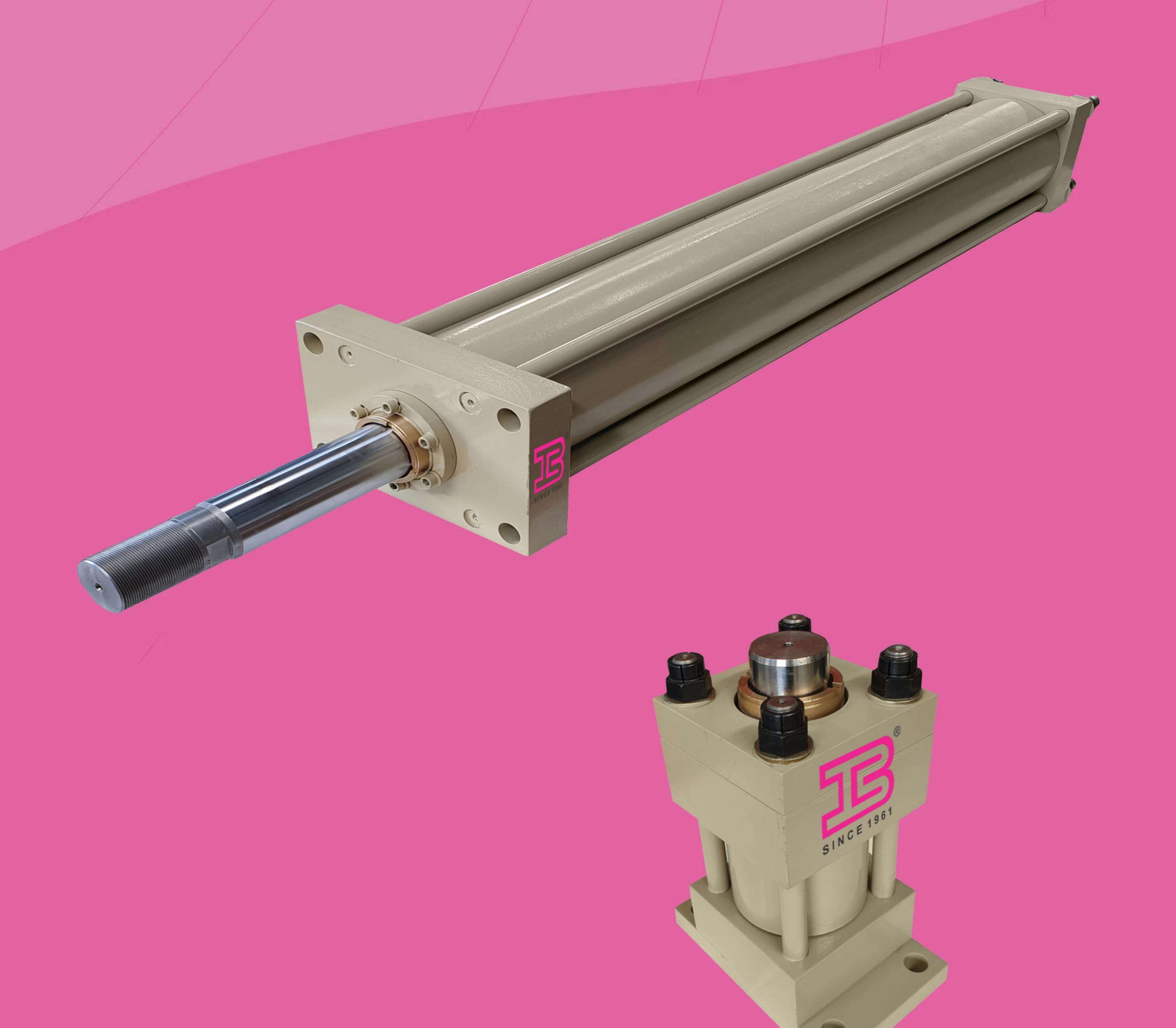
- Bore Dia 250 mm
- •PistonRod- 210 mm
- •Stroke 980 mm
- Mounting-FrontFlange
- ·Used in Pushing ap

7. Tie Rod Cylinder

- Bore Dia 80 mm
- •Piston Rod 50 mm
- •Stroke 100 mm
- Mounting Side Lug Type
- Used in Locking application

8. Weld Type Cylinder

- •Bore Dia 100 mm
- •Piston Rod 90 mm
- •Stroke - 420 mm
- Mounting -Front Flange
- •Used in Pressing















9. Bed Lift Cylinder (Single Acting)

- Bore Dia 80 mm
 Piston Rod 63 mm
 Stroke 25 mm
- Mounting Surface
- Used in Pressing application

10. Weld Type Cylinder

- •Bore Dia 100 mm
- •PistonRod 70 mm
- •Stroke 260 mm
- •Mounting Front Flange
- Used in Lifting applications

11. Ram Cylinder (Tie Rod)

- Bore Dia 250 mm
- Piston Rod 180 mm
- Stroke 2000 mm
- Mounting Front Flange
- Used in Pushing application

12. Press Cylinder

- Bore Dia 340 mm
- •Piston Rod 250 mm
- •Stroke 2250 mm
- Mounting Front Flange
- •Used in Bale Press

13. Clevis Type Cylinder

- Bore Dia 80 mm
- Piston Rod 63 mm
- •Stroke 25 mm
- Mounting Clevis
- Used in Pushing application

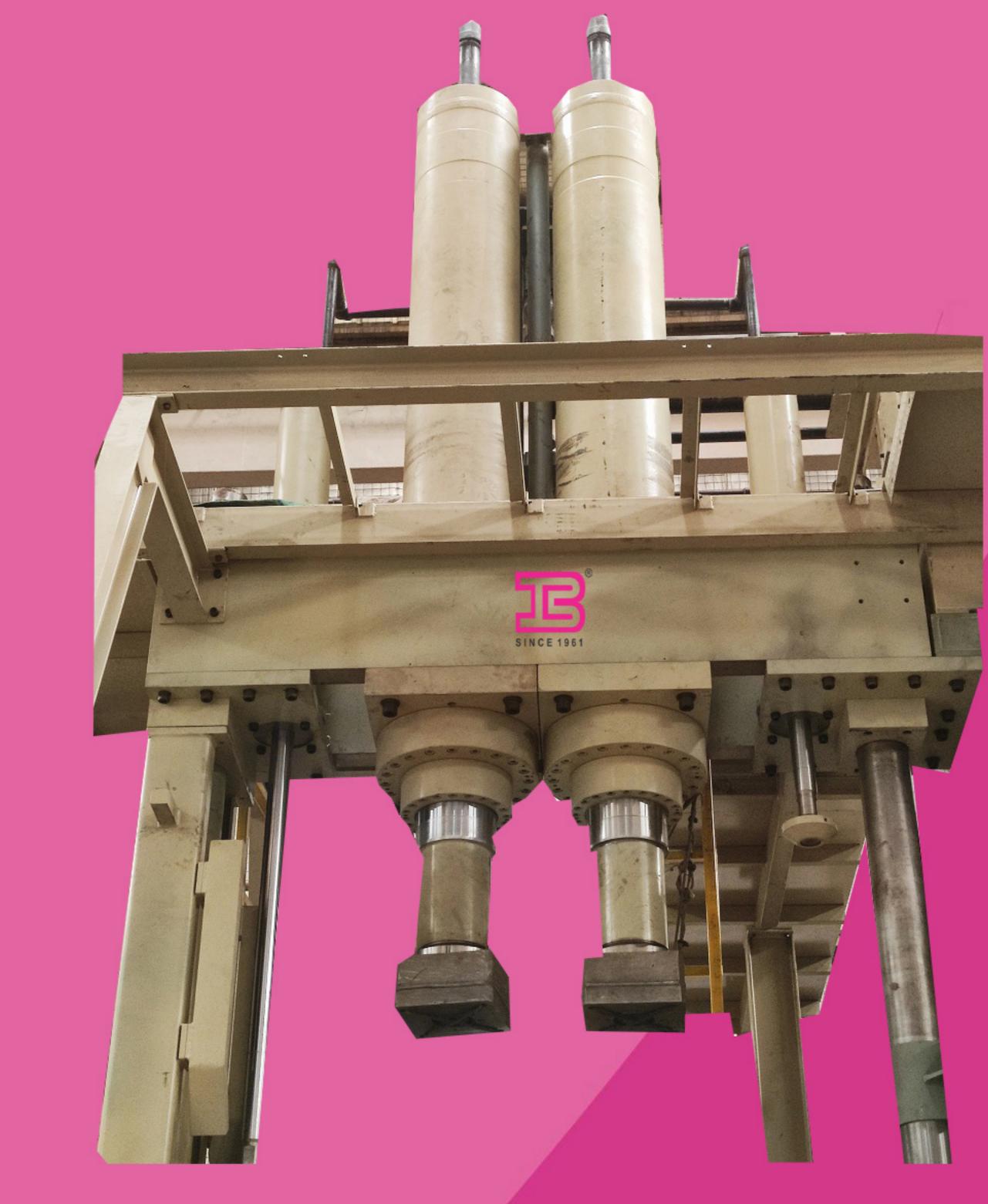
14. Latch Cylinder

- Bore Dia 50 mm
- Piston Rod 25 mm
- Stroke
- 130 mm
- Mounting Clevis
- Used in Press application







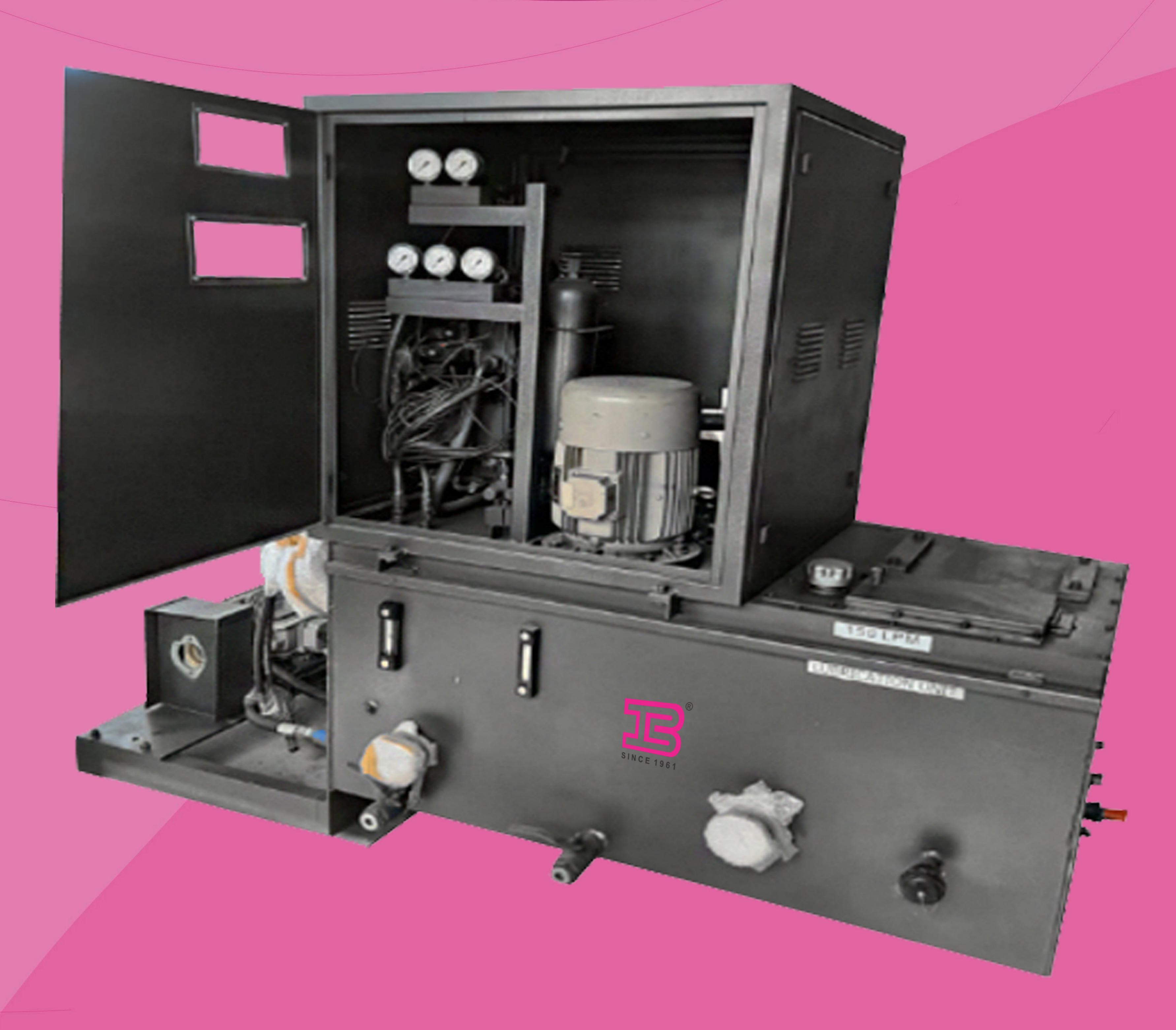




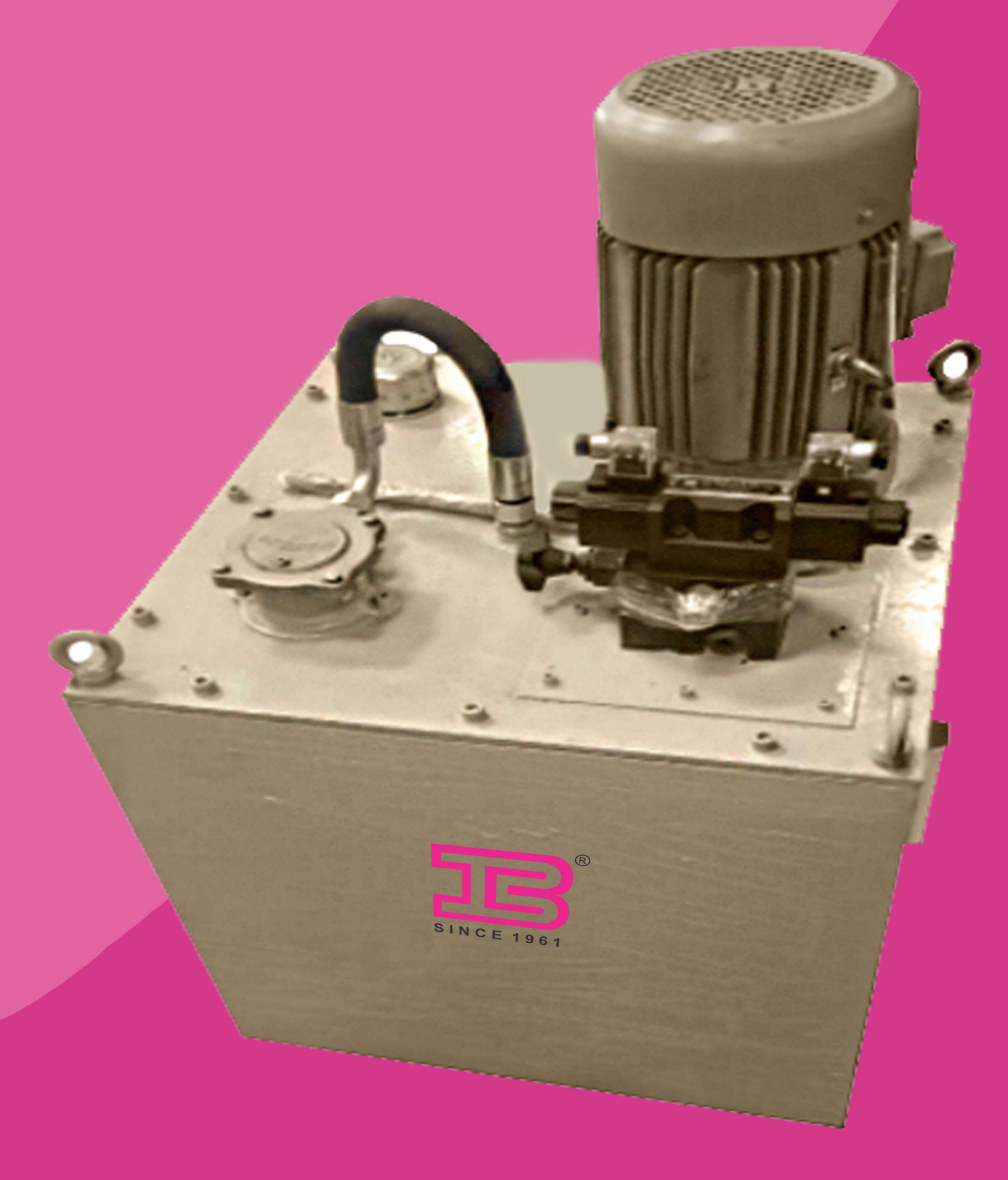








HYDRAULIC POWERPACK-1



HYDRAULIC POWERPACK-2









HYDRAULIC PRESS H TYPE

DISCRIPTION	5 TONS	10 TONS	15 TONS	25 TONS	40 TONS	50 TONS	60 TONS	75 TONS	100 TONS	150 TONS	200 TONS
BETWEEN COLUMN LENGTH X BREADH (MM)	500 X 200	600 X 200	650 X 200	850 X 300	950 X350	1000 X 400	1050 X 450	1180 X 500	1200 X 600	1300 X 625	1325 X 660
BETWEEN RAM TO BED MIN X MAX (MM)	75 X 600	75 X600	75 X 600	180 X 910	180 X 910	180 X 950	180 X 975				
TRAVEL OF RAM (MM)	100	125	150	150	150	150	150	150	150	150	150
RAM SIZE (MM)	30	45	50	60	70	80	85	90	100	125	140
(MM)	8	8	10	12	16	16	16	20	25	30	40

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