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Friction Screw Press

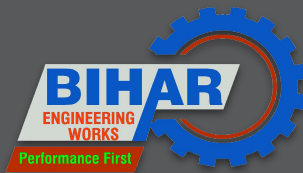
Bihar Engineering Works is a trusted name in the field of Refractory, Crushing, Grinding & Mixing Industry. BEW is a manufacturer of Electric Servo Press and accessories. We offer a wide range of reliable products for all Refractory Industry, Crushing Industry backed by a team of expert Engineers for an end to end solutions.

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BEW WIDE RANGE OF PRODUCT LINE

REFRATORY EQUIPMENTS

- ★ Electric Servo Press
- ★ Friction Screw Press
- ★ Hydraulic Press

CRUSHING EQUIPMENTS

- ★ Jaw Crusher
- ★ Roll Crusher
- ★ Hammer Mill

GRINDING EQUIPMENTS

- ★ Ball Mill
- ★ Pulversisor

MIXING EQUIPMENTS

- ★ Counter Current Intensive Mixer
- ★ Pan Mixer
- ★ Ribbon Mixer

SCREENING EQUIPMENTS

FEEDING EQUIPMENTS

BULK MATERIAL HANDLING

OTHER SPM EQUIPMENTS



WHY CHOOSE BIHAR ENGINEERING WORKS?

DISCOVER THE BEST IN ELECTRIC SERVO PRESS AND INCREASE YOUR PRODUCTION CAPACITY WITH THE BEW BRAND TRUST, QUALITY AND PERFORMANCE OF NEW ELECTRIC SERVO SCREW PRESS



1. Brake System
2. Maintenance Platform
3. Limit Switch Locating Iron
4. Lubricating System
5. Guide cum Slide Rail
6. Brake and Eject control System
7. Touch Screen Interface
8. Machine Electric Control Box
9. Electronic System
10. Secondary Hammer
11. Servo Motor
12. Ladder for Maintenance
13. Anti Collision Block
14. Limit Switch
15. Slide Block
16. Safety Curtain Light
17. Button Box
18. Working Table
19. Daylight Height

Special Features

- ★ Energy Saving Servo Motor Drive System
- ★ Friction Wheel Eliminated
- ★ Automated System & Faster Cycle Time
- ★ Ease of Setting Parameter as when required
- ★ One Button Operation & better Productivity
- ★ Precise Position & Control System
- ★ Human & Machine Safety Protection
- ★ Less Breakdown Time
- ★ Production / Fault Monitoring System
- ★ Less Power Consumption & Noise
- ★ Maintenance Free:Auto Lubrication System
- ★ Application Domain: Refractory Products Forming Products

*machine specifications may change as per requirement.

Electric Screw Press is a kind of pressure forming equipment that being driven by hydrostatic screw, nut, and hydrostatic bearing, doing vertical motion by screw rotation, the nut assists drive the slider. When the equipment is in operation, the lubrication system will inject lubricating oil from upper part of beam, through the hydrostatic bearing into the cylinder block, giving continuous lubrication to the screw rod, nut. so that forming the oil film between the transmission structure, generally reduce the friction caused by the transmission.

Fully sealed structure not only effectively isolated from the outside dust, but also the cylinder block of the slide block act as a cylindrical guide rail with four L shaped guide rails for the column, make the up and down movement of the slider positioning, orientation better, protect the inner screw and nut from radial force when rotating, the service life of screw and nut can be increased 3-4 times, greatly reduce the equipments maintenance and maintenance cost. and the appearance of clean equipment, energy saving and environmental protection, short transmission chain, small noise.

Model	Nominal Pressure (kN/T)	Slide Stroke (mm)	Die Set Height (mm)	Work Table (mm x mm)	Overall Dimension (mm x mm x mm)	Motor (kW)
BESP-150T	1500/150	550	800	800*600	2200*1500*3700	22
BESP-200T	2000/200	650	1000	900*650	2400*1600*4200	32
BESP-300T	3000/300	700	1100	950*1000	2800*1800*4500	40
BESP-400T	4000/400	750	1200	1050*1100	3000*2000*5000	56
BESP-600T	6000/600	800	1300	1100*1200	3200*2200*5500	70

Future Upcoming Features:

- ☐ Real time Production Monitoring System
- ☐ Fully Automated Refractory Brick Production Line with Flexible Batching System and Simple Operation.
- ☐ Automated Weighing and Feeding
- ☐ Automated Product monitoring System
- ☐ Automated Stacking System

FRICTION SCREW PRESS

SPECIFICATIONS

Model	BFSP-50	BFSP-100	BFSP-200	BFSP-300	BFSP-400	BFSP-500
Capacity	50	100	200	300	400	500
Screw Dia	4"	5"	6.5"	8"	9.5"	11"
Stroke	8"	11"	14"	16"	18"	20"
Stroke/Min	40"	25"	20"	15"	10"	10"
Table to Slide(Max/Min)	14"/6"	18"/7"	22"/8"	25"/9"	28"/10"	32"/12"
Table Size (Front/Side)	15"/14"	19"/18"	22"/21"	25"/24"	28"/28"	30"/30"
Distance Table to Guide	6"	8"	10"	12"	14"	16"
Distance b/w Columns	16"	20"	23"	26"	30"	32"
Distance b/w Guides	12"	14"	17"	19"	22"	24"
Bore in Table	3"	4"	5"	6"	6"	6"
H.P Required	7.5	10	20	30	40	50
R.P.M	960	960	960	960	960	960

*machine specifications may change as per requirement.



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