



POWER PRESS

3 Ton to 200 Tons



QUALITY IS
OUR TOP
PRIORITY

Mfg. By : *Arjun*
ENGINEERING WORKS

About Us

We **Arjun Engineering Works** is a distinguished **manufacturer** of a wide range of **Power Press, Shearing Machine, and Hydraulic Press Brake Machine**. Founded in the year **2007**, we are a **Sole Proprietorship** company that is incepted with an objective of providing highly efficient machines in diverse specifications within the limited time period. Situated in **Rajkot (Gujarat, India)**, we have constructed a wide and well functional infrastructural unit that plays an important role in the growth of our firm.

OUR INFRASTRUCTURE

We are equipped with a spacious infrastructure that includes all the latest facilities. The infrastructure unit is operated by a team of experienced staff. In addition to this, we have the latest quality testing devices that are used to check all array of both raw material and finished products.

Below mentioned are the units of our infrastructure :

- Product design
- Manufacturing
- Quality control
- Post-production processes

WHY US?

With the support of our dedicated and competent team members, we are able to provide the best class machines in various models and technical specifications and in a timely manner. Some of the unique key factors that help us to become the foremost preference of the customers are listed below :

- Well functional infra structural base
- Efficient range of machines
- Experienced team of professionals
- Client-centric approach
- Excellent transport & logistic facility
- Economical price range
- Prompt delivery
- Positive records



C Type Power Press

3 Ton to 200 Tons



STANDARD ACCESSORIES

- Motor pulley
- Slide Adj. Spanner
- Fly wheel & Gear guard
- Oil cups for lubrication point
- Knock-out system

OPTIONAL ACCESSORIES

- Tow hand operated clutch
- Single / continuous stroke
- Automatic lubrication pump
- Electric Motor, Starter and V-belts
- Extra base plate.
- Inclinable Type



Arjun brand Heavy Duty mechanical Power Presses are coming in "C" frame versions from 5 tons to 200 tons capacity in most economical type of construction with several std./optinal features such as manual/auto lubrication systems, knockouts electronics safety, Single/Double or Un-greared versions as also Pneumatic feeders/straightness & die-coilers for automatic Purpose.

Ram Slide : Ram Slides is made of high grade heavy duty cast iron & properly seasonal & fitted with Helium Sheet on back side for friction free travel through slides, ensuring longer life of die and easy operation.

Bed : bed is made of high grade heavy duty cast iron & properly seasoned & properly aligned with ram to obtain high accuracy and precision press operation.

Gears : The Gears are made of steel cast or fabricated. Gear teeth are generated by precision hobbing machine.

Frame: The frame is fabricated from solid steel plate with heavy cross ribbing, the structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

Crank Shaft : The Crank shaft is made of special alloy steel & precisely machining it to grind finish & fitted in Graded Gun-Metal Bushes for smooth working, longer life & accuracy.

Adjustable Stroke: The unique feature of adjustable stroke enables the press to perform all kinds of operations by employing short stroke for blanking and forming operation.

Clutch: The Clutch is made of special alloy steel, The pin / rolling key is manufactured from W.P.S. / EN24 material & with proper heat treatment to ensure trouble free long life & give continues stroke for mass production.

Flywheel: Properly sized flywheel is made of high grade cast iron, for storing and releasing adequate energy for the pressing operation, and properly balanced for smooth running.

Lubrication : Oil cups & Grease point are provided for lubricating the sliding surfaces & moving parts. 50 ton & above Hand operated pump provided. Also Automatic lubrication system offered against request.

"C" TYPE POWER PRESS TECHNICAL SPECICATION												
MODEL NO.		APP-05	APP-10	APP-20	APP-30	APP-40	APP-50	APP-60	APP-80	APP-100	APP-150	APP-200
CAPACITY	TON	05 TON	10 TON	20 TON	30 TON	40 TON	50 TON	60 TON	80 TON	100 TON	150 TON	200 TON
CRANKSHAFT DIA.	MM	51	64	76	83	89	96	102	115	127	140	152
LOAD (FLY) WHEEL DIA.	MM	406	457	508	610	660	715	790	860	990	1066	1150
MOTOR PULLY DIA.	MM	64	90	114	152	165	180	165	152	152	175	175
STROKE LENGTH	MM	51	64	76	89	90	101	101	115	127	152	152
RAM FACE SIZE	MM	200 x 90	254 x 102	305 x 127	350 x 165	350 x 165	396 x 200	396 x 200	450 x 203	508 x 228	546 x 254	750 x 292
HOLE IN RAM	MM	25	25	32	38	38	51	51	55	55	65	80
HOE IN BED	MM	63	76	89	102	115	127	133	140	152	165	178
BED SIZE (LR x FB)	MM	305 x 178	405 x 254	510 x 305	560 x 380	405 x 610	660 x 407	712 x 450	710 x 508	915 x 610	1016 x 710	1120 x 750
THROAT DEPTH	MM	89	127	152	190	305	204	225	254	305	355	375
DAYLIGHT GAP	MM	180	220	270	292	295	370	370	380	419	450	500
SHUT DIE HEIGHT	MM	129	156	194	203	205	269	269	265	292	298	348
STROKE PER MINUTE	SPM	80	75	65	60	55	50	45	40	35	30	30
MOTOR POWER	HP	1	1.5	2	3	5	5	5	7.5	10	15	20
WORKING HEIGHT	MM	710	750	755	755	755	790	790	790	775	812	812
MACHINE LENGTH	MM	700	800	1000	1000	1100	1200	1300	1500	1750	2050	2200
MACHINE WIDTH	MM	600	800	1000	1100	1200	1300	1350	1500	1750	2000	2150
MACHINE HEIGHT	MM	1600	1900	2100	2200	2400	2500	2650	2750	2900	3300	3500

H Type Power Press

50 Ton to 250 Tons



STANDARD ACCESSORIES

- Motor pulley
- Slide Adj. Spanner
- Fly wheel & Gear guard
- Oil cups for lubrication point
- Knock-out system

OPTIONAL ACCESSORIES

- Tow hand operated clutch
- Single / continuous stroke
- Automatic lubrication pump
- Electric Motor, Starter and V-belts
- Extra base plate.
- Inclunable Type

Arjun brand Heavy Duty mechanical Power Presses are coming in PILLAR / "H" frame versions from 50 tons to 250 tons capacity in most economical type of construction with several std./optimal features such as manual/auto lubrication systems, knockouts electronics safety, Single/Double or Un-greared versions as also Pneumatic feeders/straightness & die-coilers for automatic Purpose.

Ram Slide: Ram Slides is made of high grade heavy duty cast iron & properly seasonal & fitted with Hylum Sheet on back side for friction free travel through slides, ensuring longer life of die and easy operation.

Bed: bed is made of high grade heavy duty cast iron & properly seasoned & properly aligned with ram to obtain high accuracy and precision press operation.

Frame: The frame is fabricated from solid steel plate with heavy cross ribbing, the structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

Clutch: The Clutch is made of special alloy steel, The pin / rolling key is manufactured from W.P.S. / EN24 material & with proper heat treatment to ensure trouble free long life & give continues stroke for mass production.

Crank Shaft: The Crank shaft is made of special alloy steel & precisely machining it to grind finish & fitted in Graded Gun-Metal Bushes for smooth working, longer life & accuracy.

Adjustable Stroke: The unique feature of adjustable stroke enables the press to perform all kinds of operations by employing short stroke for blanking and forming operation.

Flywheel: Properly sized flywheel is made of high grade cast iron, for storing and releasing adequate energy for the pressing operation, and properly balanced for smooth running.

Gears: The Gears are made of steel cast or fabricated. Gear teeth are generated by precision hobbing machine.

Lubrication: Oil cups & Grease point are provided for lubricating the sliding surfaces & moving parts. 50 ton & above Hand operated pump provided. Also Motor operated lubrication system offered against request.

"H" TYPE POWER PRESS TECHNICAL SPECIFICATION						
PRESS CAPACITY TON	50	80	100	150	200	250
STROKE ADJUSTMENT	13-102	13-115	13-127	13-140	13-152	13-152
ADJUSTMENT OF RAM	45	45	51	51	51	51
CRANK SHAFT DIA	95	115	127	152	160	165
BED RAM	355	375	420	445	470	485
HOLE IN RAM	38	45	51	51	63	63
SIZE OF BED (LR. X FB.)	559x610	610x813	660x762	711x914	762x965	812x1016
OPENING IN BED	132	203	210	222	236	300
THANKLESS OF BOLESTER	76	89	102	102	115	127
OPENING IN BOLESTER	125	198	203	215	230	250
FLY WHEEL DIE	660	812	914	1016	1065	1220
STROKE PER MINUTE	55	50	40	30	30	25
ELE. MOTOR (1440 RPM)	5	7.5	10	15	20	25
FLOOR TO TOP OF BED	800	875	863	863	863	863
HEIGHT	2650	3125	3375	3350	3975	4125
WIGHT APROX	2800	4500	6200	7500	9500	11500
LEFT TO RIGHT	1050	1225	1425	1650	1975	2120
FRONT BACK	1350	1625	1875	2050	2250	2300



CRANK SHAFT



CLUTCH



CONNECTING ROD



RAM



BOLT STUDS



**LOAD WHEEL
(FLY WHEEL)**



GEARS



BED



INNER GEARS



BRAKE



SHAFT



LEAVER & SPRING



KNOCKOUT SYSTEM



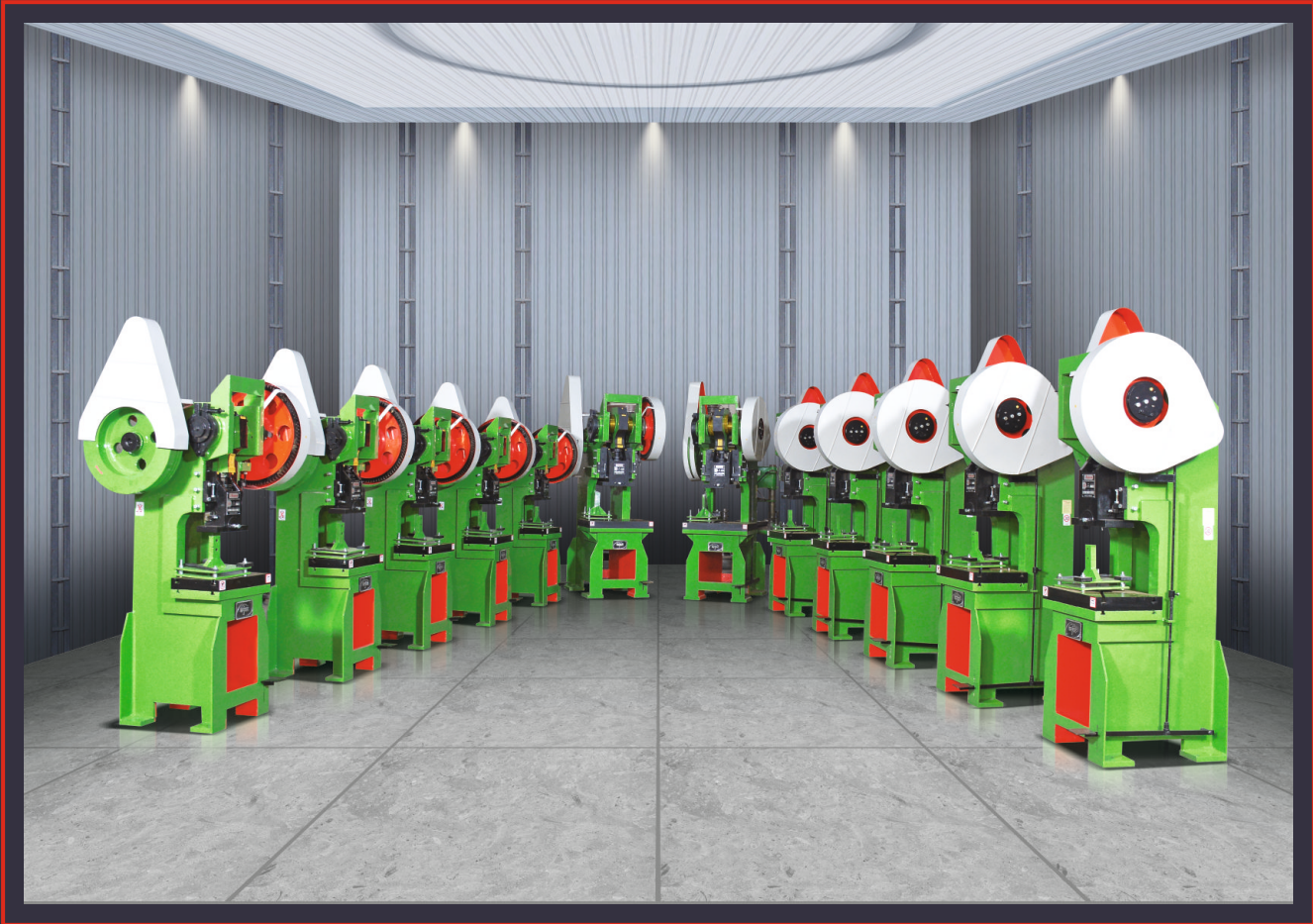
MOTOR STAND



MACHINE COVER



RAM BUS



ARJUN ENGINEERING WORKS

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