



Power Press

"H" Type Power Press

Model No: DI-082

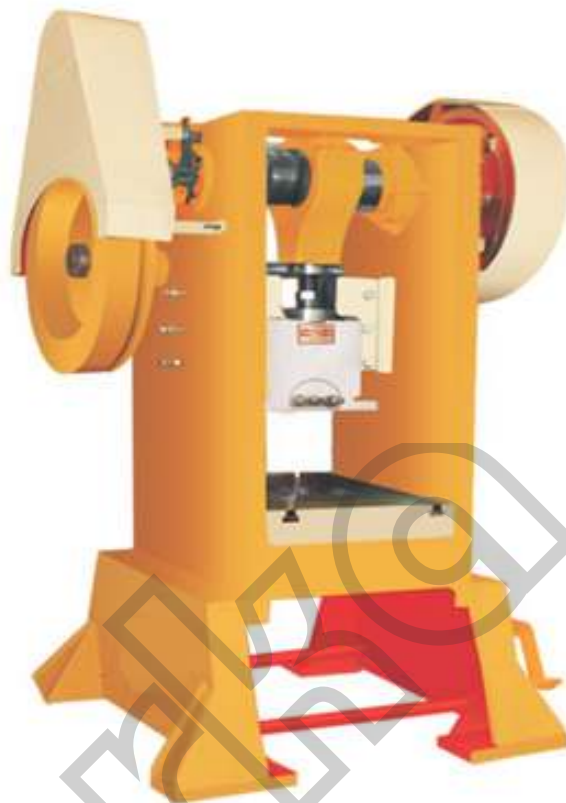
Accessories

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
- Inclinal type



Features

The frame is of all steel construction, fabricated from rolled steel plates with suitable cross ribbings. Presses up to 30T will be supplied with C.I. legs. Proper alignment of the frame is ensured by machining. The structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

The clutches of pin/rolling key-type and well supported with high rigidity. 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 continuous stroke for mass production.

The Crank shaft is made of special alloy steel with precisely machined to grind finish having closed accuracy and fitted in bronze bushes for smooth working, longer life with consistent performance.

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

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 are of steel cast or fabricated. Gear teeth are generated by precision hobbing machine.

Ram Slides is made of high grade heavy duty cast iron & properly seasoned, aligned & fitted with Hylum Sheet on back side for friction free travel through slides, ensuring longer life of die and easy operation. 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
- Clutch
- Crank Shaft
- Adjustable Stroke
- Flywheel
- Gears
- RAM & BED

Technical Specifications

MODEL	DI-129A	DI-129B	DI-129C	DI-129D	DI-129E	DI-129F	DI-129G
CAPACITY IN TONS		5	10	20	30	40	50
Crankshaft Diameter	MM	70	88	115	130	135	140
Adj. Stroke Length	MM	38	50	63	76	76	89
Adjustment of Ram	MM	25	25	25	25	25	25
Punch Hole in Ram	MM	25	25	32	38	38	45
Hole in Bed	MM	63	76	82	89	95	101
Bed Size : (Length x Width)	MM	381 X 254	457 X 304	660 X 380	762 X 431	785 X 482	810 X 507
Bed Thickness	MM	100	112	140	152	165	177
Dist. between bed to Ram	MM	177	204	250	292	320	350
Flywheel Dia.	MM	406	458	482	533	584	660
Strokes per minute	MM	80	70	45	40	35	35
Motor Power (HP)-1440 RPM		1	1.5	2	3	4	5
Floor To Top of Bed	MM	700	830	830	880	1000	1000

MODEL	DI-129H	DI-129I	DI-129J	DI-129K	DI-129L	DI-129M
CAPACITY IN TONS		60	80	100	150	200
Crankshaft Diameter	MM	150	160	170	190	250
Adj. Stroke Length	MM	100	115	130	150	150
Adjustment of Ram	MM	25	25	25	25	25
Punch Hole in Ram	MM	45	50	50	80	80
Hole in Bed	MM	115	130	150	200	225
Bed Size: (Length x Width)	MM	840 X 558	890 X 583	915X635	1015X710	1140X787
Bed Thickness	MM	203	228	253	278	304
Dist. between bed to Ram	MM	380	380	406	457	482
Flywheel Dia.	MM	762	812	863	965	1016
Strokes per minute	MM	30	30	30	25	25
Motor Power (HP)-1440 RPM		7.5	10	10	12.5	15
Floor To Top of Bed	MM	1000	1000	1000	1000	1000