

## Power Press

### “C” Type Power Press

**Model No: DI-081**



## 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 of C Type Power Press is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

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 continues 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-128A	DI-128B	DI-128C	DI-128D	DI-128E	DI-128F
Capacity in Tons (mm)	5	10	20	30	40	50
Crankshaft Diameter (mm)	70	88	115	130	135	140
Adjustment of Stroke (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)	355x178	432x228	534 x 305	585 x 355	635 x 355	685 x 406
Bed Thickness (mm)	50	58	63	70	76	83
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
H.P. Required For Geared(1440 RPM)	1	1.5	2	3	4	5
For Ungeared(960 RPM)	1	2	3	5	—	—
Floor To Top of Bed (mm)	700	830	830	880	1000	1000

MODEL	DI-128G	DI-128H	DI-128I	DI-128J	DI-128K
Capacity in Tons (mm)	60	80	100	150	200
Crankshaft Diameter (mm)	150	160	170	190	250
Adjustment of Stroke (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)	712x457	738x508	891 x612	1041 x737	1100x817
Bed Thickness (mm)	88	95	114	127	137
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
H.P. Required For Geared(1440 RPM)	7.5	10	10	12.5	15
For Ungeared (960 RPM)...	—	—	—	—	—
Floor To Top of Bed (mm)	1000	1000	1000	1000	1000