Gat No. 769, Kudalwadi, Chikhali, Pune - 412114

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# **Mechanical Power Press C Type**

### **Mechanical Power Press C Type Power Press**

Mechanical Power Press C Type brand mechanical Power Presses are coming in both C frame and Pillar type versions from 3 tons to 250 tons capacity in most economical type of construction with several standard/optional features such as manual/auto lubrication systems; knockouts electronics hand safety; single/double or un-geared versions as also pneumatic feeders/ straightness and decoilers for automation Purpose.

#### PHOTO:





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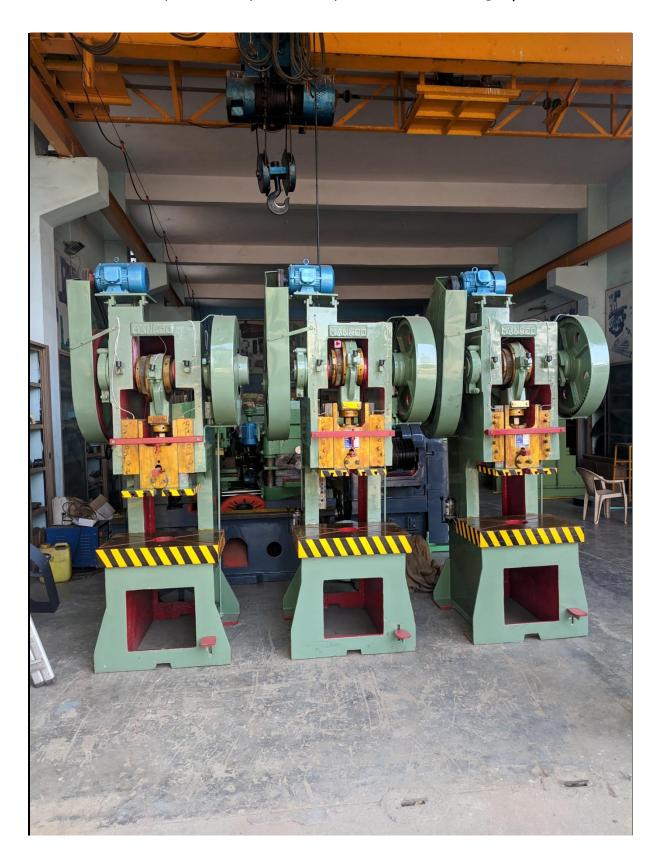
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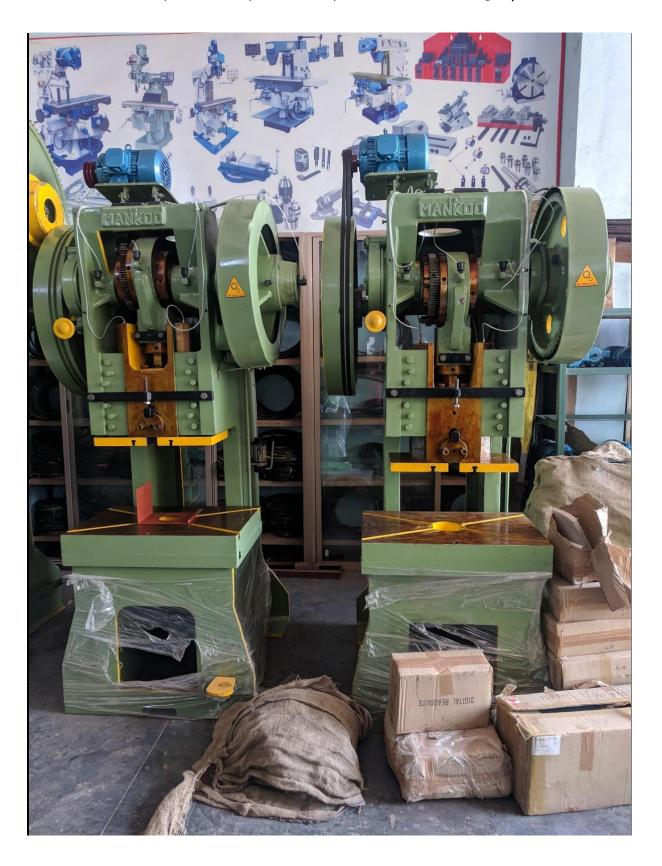
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## Steel body fixed, Inclinable type power press

Frame: The frame is of all steel construction, fabricated from Rolled steel

plates with suitable cross ribbings. Presses upto 400T will be supplied with C.I. legs. proper alignment of the frame is ensured by

machining.

Clutch: The clutch is of pin/rolling key-type. The clutch is rigid and well

supported. The clutch gives continuous strokes for mass production.

Crank Crankshaft is made of special alloy steel machined to close accuracy

Shaft: and fitted in bronze bushes for smooth working, longer life &

accuracy.

Flywheel: Properly sized fly wheel, is made of high grade cast iron, for storing

and releasing adequate energy for the pressing operations, and

properly balanced for smooth running.

Gears: Gears are of steel cast or fabricated. Gear teeth are generated by

precision hobbing machine.

Table & Table and ram are made of high grade heavy duty cast iron &

properly seasoned. They are perfectly aligned, to each other to

obtain high accuracy & precision press operation.

Lubrication: An efficient shot lubrication system has been provided for

lubricating the sliding surfaces and moving parts. The lubricant is

applied by hand pump.

**Mechanism:** Inclinable type presses are provided with inclining mechanism

which can be easily set and locked in

Position by spanners within minutes. The press is so designed that even in maximum inclined position, it is stable under heavy

pressing load.

#### **Standard Accessories**

Ram:

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- 2. Clutch key
- 3. Clutch key springs
- 4. Slide adj. spanner
- 5. Fly wheel & gear guard
- 6. Oil cups for lubrication point
- 7. Knock-out system
- 8. Inclination arrangement in 50 ton & above machine.

#### **Optional Accessories**

- 1. Tow hand operated clutch
- 2. Single / continuous stroke
- 3. Lubrication pump automatic
- 4. Electrical
- 5. Tie rod
- 6. Tommy bar 1 pati Machine Tools
- 7. Extra base plate
- 8. Inclination arrangement

**HI-TECH** 

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#### **TECHNICAL**

#### **SPECIFICATION:**

Description	10 Ton	20 Ton	30 Ton	50 Ton
Crankshaft Diameter	57	70	83	102
Adjustment of stroke	6-60	11-75	13-83	102
Adjustment in Ram	25	32	50	50
Hole in Bed	75	89	102	114
Length and Width of	270 x 400	305 x 508	365 x 610	430 x 690
Bed				
Thickness of Bed	50	63	75	75
Stroke per Minute	60	50	45	35
Motor Power (HP)	1.5	2	3	5
Weight Approx.	700	1300	1600	2650
Distance Between Bed	228	300	355	400
to Ram				
Punch Hole in Ram	25.4	31.75	38.1	50.8

# Tirupati Machine Tools

## **JD MANKOO**

SPECIFICATIONS FOR C FRAME POWER PRESS: JD MANKOO

Specifications	30	50	75	100	150	200
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Crank Shaft Dia	102	110	140	153	178	190
Stroke	76	100	112	125	150	175
Bed to Ram	325	432	482	600	650	700
Distance						
Bed Width	382	530	610	675	760	800
Bed Length	560	752	782	1020	1100	1200
Fly Wheel Dia	660	830	910	890	1210	1250
Gear Dia	561	660	780	865	1010	1050
Motor HP	3/1440	5/1440	7.5/1440	10/1440	15/1440	20/1440
(RPM						
required )						
No. of Stroke	50	40	40	40	30	27
Per Minute						
Approx	2000	2800	4000	5500	7000	9000
Weight						



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