

POWER PRESS



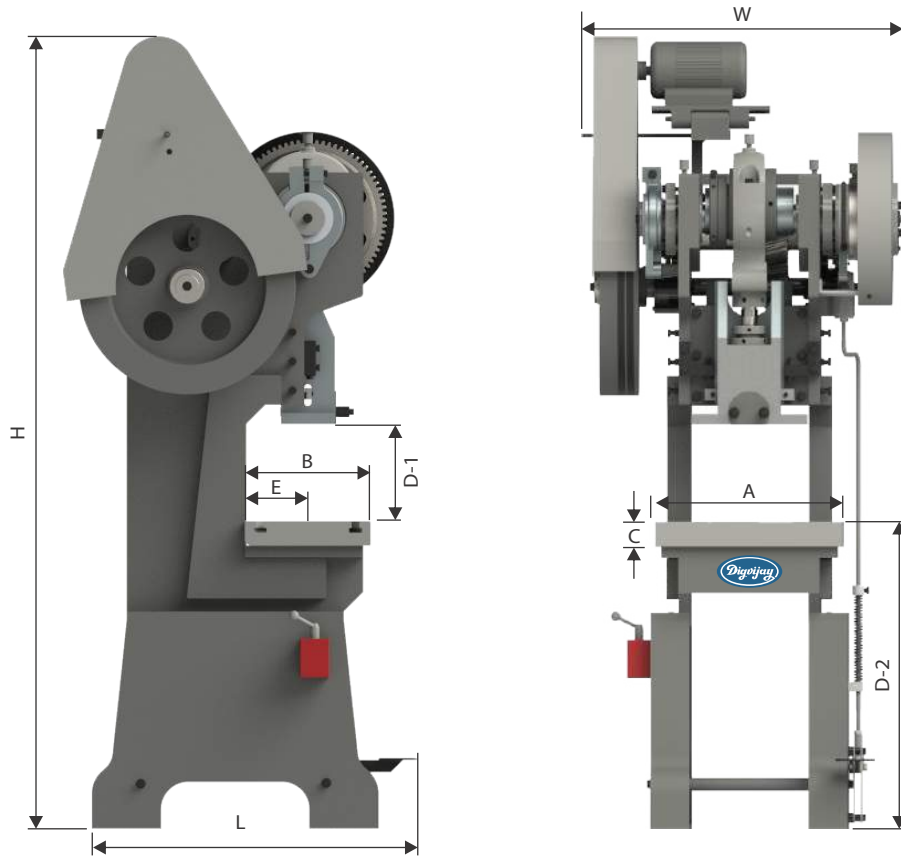
Since
1990



DIGVIJAY ENGINEERS

Pressing The Future

C TYPE POWER PRESS



Open back C frame inclinable, non - inclinable steel body geared & ungeared power presses.

DESCRIPTION	DCX - 03	DCX - 05	DCX - 10	DCX - 20	DCX - 30	DCX - 40	DCX - 50	DCX - 65	DCX - 80	DCX - 100	DCX - 150
Crank Shaft Diameter	45	51	60	76	89	95	102	111	120	130	145
Stroke Adjustment	6-25	6-38	6-51	13-76	13-76	13-82	13-89	13-102	13-115	13-127	13-127
Dist. Bed To Ram (D-1)	172	178	203	254	280	318	356	381	406	457	508
Ram Face	195x70	218x76	228x101	298x140	324x158	368x178	406x203	425x216	445x228	495x254	560x280
Hole In Ram	19	25	32	32	38	38	51	51	51	55	63
Bed Size (AxBxC)	304x153x42	330x178x50	381x228x50	483x330x64	533x381x70	585x381x76	660x406x83	711x508x90	762x559x102	864x635x102	1000x762x108
Hole In Bed	64	76	82	95	95	127	152	165	178	203	228
Distance (E)	75	89	114	165	190	190	203	254	280	318	381
Ele. Motor 960 RPM (Ungeared)	-	1 H.P.	1 H.P.	2 H.P.	3 H.P.	5 H.P.	5 H.P.	7.5 H.P.	7.5 H.P.	-	-
Ele. Motor 1440 RPM (Gear)	0.5 H.P.	1 H.P.	1 H.P.	2 H.P.	3 H.P.	5 H.P.	5 H.P.	7.5 H.P.	7.5 H.P.	10 H.P.	15 H.P.
BELT SIZE											
Single Gear	B-52	B-61	B-68	B-88	B-96	C-108	C-116	-	C-128	C-144	-
Double Gear	-	-	-	B-84	B-88	C-94	C-102	-	-	-	-
PULLY SIZE											
Ungeared	-	76	76	76	76	76	76	76	76	-	-
Single Gear	89	101	114	140	152	152	178	178	152	152	152
Double Gear	-	-	-	140	152	152	178	152	-	-	-
STROKE PER MINUTE											
Ungeared	-	160	144	110	99	96	87	82	80	-	-
Single Gear	105	90	80	64	55	53	52	48	42	39	38
Double Gear	-	-	-	58	47	43	39	36	-	-	-
DIMENSION											
Floor To Top of Bed (D-2)	571	675	710	805	813	813	813	813	910	910	910
Total H x L x W	1445x545x485	1700x690x640	1830x710x660	2080x915x740	2190x970x900	2340x1170x940	2460x1250x1120	2692x1320x1257	3000x1524x1270	3300x1650x1400	3500x1850x1500
Approx Weight In Kg	198	310	540	1040	1450	1750	2300	3150	4000	5200	6500

* All dimensions are in mm and weight in kg. **Approximate only.**

* As continuous improvements are contemplated for the product, the design and specifications are not binding.

Note : In ungeared machine 960 rpm and in geared / double geared 1440 rpm motor to be used.

STEEL BODY "C" TYPE POWER PRESS & INCLINABLE

FRAME	The frame is of all steel construction, fabricated from steel plates with suitable cross ribbings. Presses upto 30 ton will be supplied with C.I. legs. Above 30 ton presses will be supplied with double C. Above 40 ton presses will come with steel legs. Proper alignment of the frame is ensured by machining of the cut steel plates before welding.
CLUTCH	The clutch is of pin/rolling key type. The clutch is rigid and well supported. The clutch gives continuous stroke for mass production.
CRANK SHAFT	Crank Shaft is made of special alloy steel EN 8 machined to close accuracy and fitted in bronze bushes for perfect alignment.
FLYWHEEL	Properly sized flywheel is made of high grade cast iron & is balanced for storing and releasing adequate energy for the pressing operations.
GEARS	Main Gear is made from (WCB 1030). Ideal and Pinion gear are made from EN8-D .
TABLE & RAM	Table and Ram are made of heavy duty graded cast iron FG 250 & seasoned. They are perfectly aligned to each other to obtain quality pressings.
LUBRICATION	An efficient shot lubrication system has been provided for lubricating the sliding surface and moving parts. The lubrication upto 50 ton is achieved through oil cup. Above 50 ton is achieved through Hand Pump.
INCLINING MECHANISM	Inclinable type presses are provided with inclining mechanism which can be easily set and locked in position. The press is so designed that even in maximum inclined position, it is stable under heavy pressing loads.

STANDARD ACCESSORIES

1. Clutch Key Springs
2. Motor Pully
3. Slide Adjusting Spanner
4. Fly Wheel & Gear Guard
5. Oil Cups For Lubrication Point
6. Knock - Out System From (10 Ton to 150 Ton)

OPTIONAL ACCESSORIES

1. Electrical
2. Lubrication Pump Manual
3. Two Hand Operated Clutch
4. Single / Continuous Stroke
5. Lubrication Pump
Hand / Motorized
6. Tie - Rod
7. Tommy Bar
8. Extra Base Plate
9. Inclinalable Arrangement
From 5 To 30 Ton
10. Stroke Counter
11. Feeder, De - Coiler,
Straightner
12. Overload Safety Above
30 Ton
13. Foundation Pad
14. Pneumatic Servo Feeder &
Decoiler & Straightner

PARTS



High Speed Coil Feeder



Pneumatic Feeder



Ram



Main Crank Shaft



Clutch

DIGVIJAY ENGINEERS



Manufacturer :-
Digvijay Engineers
(Gujarat - India)