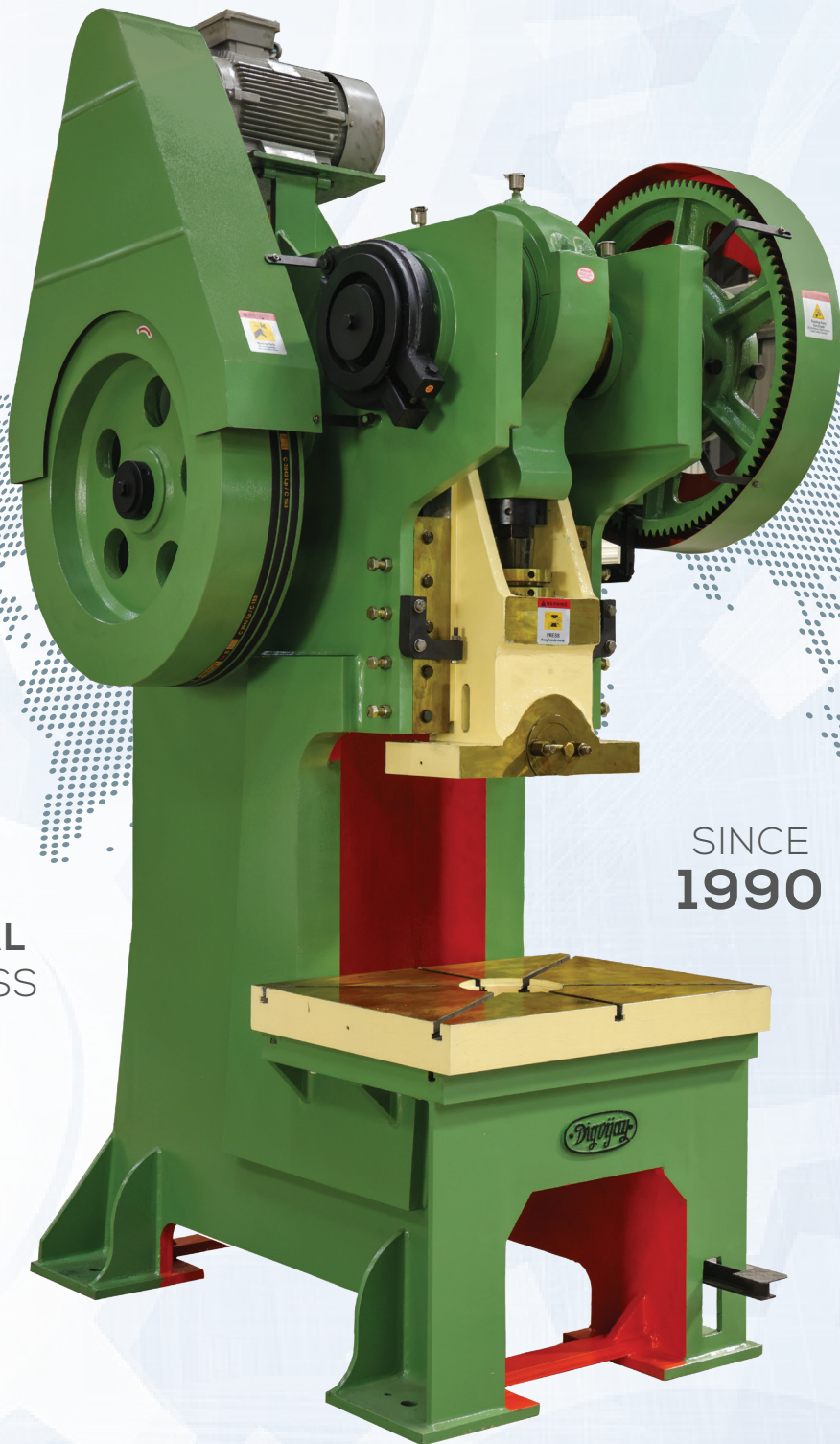




PRESSING THE FUTURE

SINCE 1990

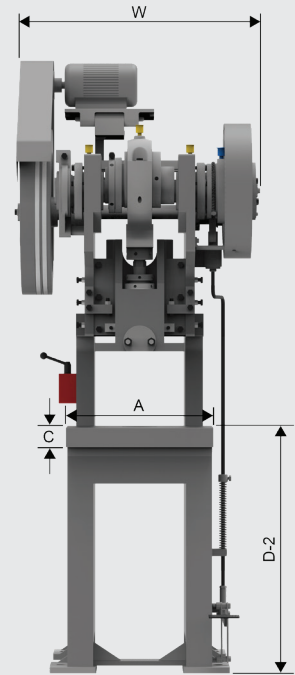
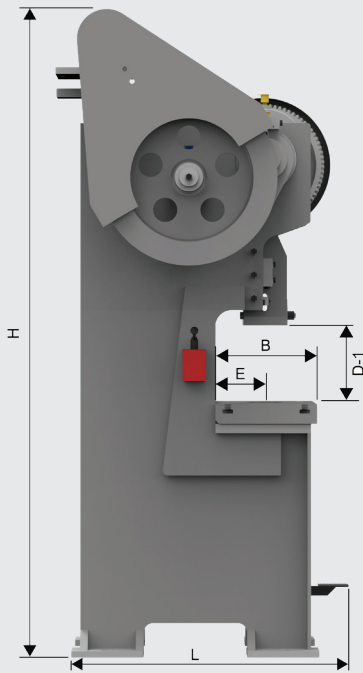


**MECHANICAL
POWER PRESS**

SINCE
1990

DIGVIJAY ENGINEERS

C' TYPE POWER PRESS



OPEN BACK C FRAME INCLINABLE, NON - INCLINABLE STEEL BODY GEARED & UNGEARED POWER PRESSES.

SPECIFICATIONS	DCX-03	DCX-05	DCX-10	DCX-20	DCX-30	DCX-40	DCX-50	DCX-65	DCX-80	DCX-100	DCX-150
	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
CRANK SHAFT DIAMETER	45	51	60	76	89	95	102	111	120	130	140
STROKE ADJUSTMENT	13 TO 25	6 TO 38	6 TO 51	13 TO 76	13 TO 76	13 TO 82	13 TO 89	13 TO 102	13 TO 115	13 TO 127	13 TO 150
DIST. BED TO RAM (D-1)	170	178	203	254	280	318	356	381	406	457	508
BED SIZE (A X B)	304 X 153	330 X 178	381 X 228	483 X 330	533 X 381	585 X 381	660 X 406	711 X 508	762 X 559	864 X 635	1000 X 762
BED THICKNESS (C)	42	50	50	64	70	76	83	90	102	102	108
HOLE IN BED	64	76	82	95	95	127	152	165	178	203	228
DISTANCE (E)	75	89	114	165	190	190	203	254	254	318	381
RAM FACE	195 X 70	218 X 76	228 X 101	298 X 140	324 X 158	368 X 178	406 X 203	425 X 216	445 X 228	495 X 254	560 X 280
HOLE IN RAM	25	25	32	32	38	38	51	51	51	55	63
SIGNLE GEAR (SPM)	105	85	80	61	56	52	48	48	40	34	33
DOUBLE GEAR (SPM)	-	-	-	57	45	41	40	40	39	36	34
ELE.MOTOR 960 RPM (GEAR)	0.5 HP	1 HP	1 HP	2 HP	3 HP	5 HP	5 HP	7.5 HP	7.5 HP	10 HP	15 HP
ELE.MOTOR 1400 RPM (UNGEAR)	0.5 HP	1 HP	1 HP	2 HP	3 HP	5 HP	5 HP	7.5 HP	7.5 HP	10 HP	15 HP
FLOOR TO TOP OF BED (D-2)	571	675	710	805	813	813	813	813	910	910	910
MACHINE DIMENSION H X L X W	144 X 545 X 485	1700 X 690 X 640	1830 X 710 X 660	2080 X 915 X 740	2190 X 970 X 900	2340 X 1170 X 940	2460 X 1250 X 1120	2692 X 1320 X 1257	3000 X 1524 X 1270	3300 X 1650 X 1400	3500 X 1850 X 1500

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

*As continuous improvements are contemplated for the product, the design and specification 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

PARTS

FRAME

The frame is of all steel construction, fabricated from steel plates with suitable cross ribbings. All presses will be supplied with one piece full steel body & with double C. 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 EN8D / C45 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

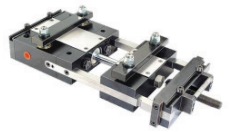
An efficient shot lubrication system has been provided for lubricating the sliding surface and moving parts. The lubrication up to 50 ton is achieved through oil cup. Above 50 ton is achieved through Hand Pump.

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.



High Speed Coil Feeder



Pneumatic Feeder



Ram



Main Crank Shaft



Clutch

STANDARD ACCESSORIES

- Clutch Key Springs
- Motor Pulley
- Slide Adjusting Spanner (DCX 10 to DCX 150)
- Fly Wheel & Gear Guard
- Oil Cups For Lubrication Point
- Knock-Out System From (10 Ton to 150 Ton)
- Die Clamp

OPTIONAL ACCESSORIES

- Electrical
- Two Hand Operated Clutch
- Single / Continuous Stroke
- Lubrication Pump (Hand / Motorized)
- Tie-Rod
- Tommy Bar
- Extra Base Plate
- Pneumatic Pedal
- Inclinable Arrangement From 5 to 30 Ton
- Digital Stroke Counter
- Feeder, De-Coiler, Straightener
- Overload Safety Above 30 Ton
- Foundation Pad
- Pneumatic Servo Feeder & De-coiler & Straightener



DIGVIJAY ENGINEERS
(GUJRAT - INDIA)
