

# Your Partner for Success



**POWER PRESS "C" FRAME**  
**PILLAR TYPE POWER PRESS**  
**HYDRAULIC "C" FRAME PRESS**  
**HYDRAULIC "H" FRAME PRESS**  
**HYDRAULIC SHEARING MACHINE**  
**HYDRAULIC PRESS BRAKE MACHINE**



**MECHANICAL PRESS BRAKE**  
**MECHANICAL UNDER CRANK SHEARING**

[www.vivekmachinetools.com](http://www.vivekmachinetools.com)



**Manufacturer & Exporters :**

**VIVEK MACHINE TOOLS**

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## POWER PRESS "C" FRAME

**TYPES AND CAPACITY :** Presses are available in capacities of 3 to 300 tonnes in single geared / double geared and un-gearred types "C" type and pillar type models. and also available inclinable type and permanently inclinable type models these machines are subjected to stringent performance testing using advanced testing devices to ensure high performance, increased productivity & reliability.

**FRAME :** The robust frame is fabricated from solid steel plates with heavy cross ribbing to main housing & " C" Supports for perfectly balanced distribution of stress over the cross section elimination deflection and vibration and thus improving die & machine life.

**CRANK SHAFT :** Eccentric crank shaft is machined form en-9 steel round bar. it has been ground finished on bearing sur face. the main crank shaft & eccentric bearings are covered with high quality of phosphor-bronze or gun metal bushes and lubrication oil grooves for smooth functioning.

**CLUTCH & KEYS :** Rolling key type clutch is manufactured from wps material duly heat treated to provide long trouble free services.

**STROKE ADJUSTMENTS :**The unique feature of adjustable stroke enable the press to perform all kinds of operations by employing short stroke for blanking & forming perations.

**BRAKE :** Spring operated powerful heavy duty brakes is of release type works according to timing adjustment to provide longer life to the brake. it is operated by cam wheel or brake wheel.

**ACCESSORIES ( STANDARED ) :** Motor stand, motor pully, main gear cover, fly wheel cover, stude drive for screw.

### TECHNICAL SPECIFICATION OF "C" TYPE POWER PRESS

DESCRIPTION		VPP	VPP-0	VPP-1	VPP-2	VPP-3	VPP-4	VPP-5	VPP-6	VPP-7	VPP-8	VPP-9	VPP-10	VPP-11	VPP-12
CAPACITY	TONNE	3	5	10	20	30	40	50	60	80	100	150	200	250	300
STROKE ADJUSTMENT	MM	25	38	50	75	75	75	88	88	102	114	127	127	152	152
RAM ADJUSTMENT	MM	20	25	25	38	38	38	50	50	50	63	63	70	70	75
HOLE IN RAM	MM	19	25	25	32	38	38	45	51	51	63	63	63	63	63
BED TO RAM DIST.	MM	150	165	270	295	335	280	370	330	330	381	410	432	485	508
DEPTH OF THROAT	MM	75	88	127	177	203	190	215	240	265	290	305	330	355	380
BED SIZE : LEFT TO RIGHT	(LENGTH MM)	254	305	430	533	585	610	660	685	712	813	914	965	1065	1115
FRONT TO BACK	(WIDTH MM)	150	178	254	355	406	405	430	430	533	584	610	660	712	760
HOLE IN BED	MM	45	50	88	88	95	110	120	120	140	152	178	190	203	203
<b>STROKE PER MINUTE</b>															
DOUBLE GEARED	NOS.	***	***	***	55	55	38	35	30	27	28	***	***	***	***
SINGLE GEARED	NOS.	70	65	60	55	50	50	40	40	40	35	35	30	30	25
UN-GEARED	NOS.	150	150	120	120	***	***	***	***	***	***	***	***	***	***
MOTOR H.P. / KW.	H.P.	0.5/0.37	0.5/0.37	1/0.75	2/1.5	3/2.2	5/3.7	5/3.7	7.5/5.6	7.5/5.6	10/7.7	15/11.2	20/15	25/18.7	30/22.7
MOTO RPM	UN-GEARED	960	960	960	960	960	960	960	960	960	960	960	960	960	960
MOTO RPM	GEARED	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
FLOOR TO TOP OF BED	MM	533	620	725	810	810	890	940	940	940	940	940	***	***	*/**