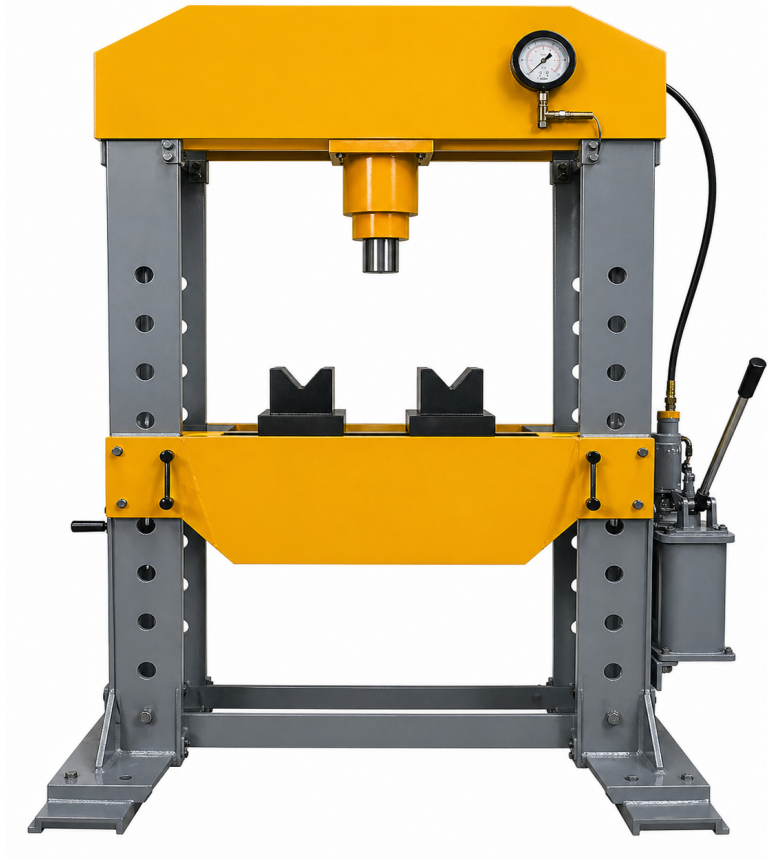


BHARAT MACHINES



INDUSTRIAL HYDRAULIC PRESS

Technical Specifications

Description / Model Capacity	HP40	HP60	HP80	HP100	HP150	HP200	UNIT
Capacity	40	60	80	100	150	200	TON
Between Column (Length × Width)	686 × 305	839 × 356	1042 × 432	1346 × 508	1499 × 508	1575 × 584	mm
Between Ram To Bed (Min. – Max.)	127 - 356	102 - 889	254 - 940	229 - 1041	254 - 1067	280 - 1092	mm
Travel Of Ram	105	120	150	170	170	170	mm
Power Required	1	2	3	5	5	7.5	H.P.

2. Features & Accessories

Standard Features	Optional Accessories
- Heavy-duty rigid steel frame structure - High-grade hydraulic cylinder & piston ram - Precision pressure gauge & control valve - Adjustable bed height with heavy pins - Smooth, low-noise hydraulic power unit	- Motorized bed lifting mechanism - PLC controlled automatic press cycle - Custom bed plates & V-Blocks - Emergency foot switch / hand lever - Oil cooler for continuous operations



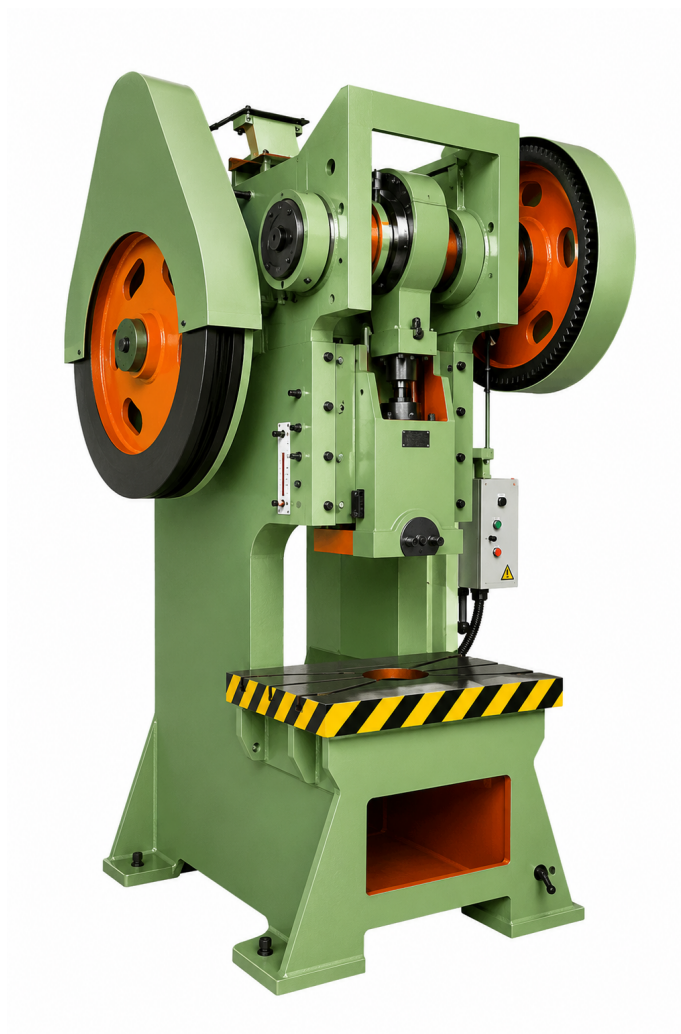
HYDRAULIC IRON CUTTING MACHINE

Technical Specifications

Hydraulic Ironworker Machine Specifications across Models

Description / Model Capacity	HIC-16	HIC-24	HIC-30	HIC-36
GENERAL				
Maximum Stroke Length	80	80	80	80
PLATE SHEARING				
Flat Shearing	16 x 250 8 x 400	20 x 330 10 x 480	25 x 330 16 x 600	30 x 355 20 x 600
Blade Length	280	406	406	406
ANGLE SHEARING				
Equal Angle 90°	89 x 89	127 x 127	127 x 127	127 x 127
BAR SHEARING				
Round Bar	50	50	50	50
SPECIAL TOOLING				
C - Channel Shear	-	38x76 to 50x101	38x76 to 50x101	38x76 to 50x101
Semi-Round Shear	-	-	76	76
POWER & DIMENSIONS				
Main Motor Power	5.5kW	7.5kW	11kW	15kW
Overall Dimensions (LxWxH)	1041x609x1828	1219x863x2082	1397x863x2260	1752x863x2133

BHARAT MACHINE



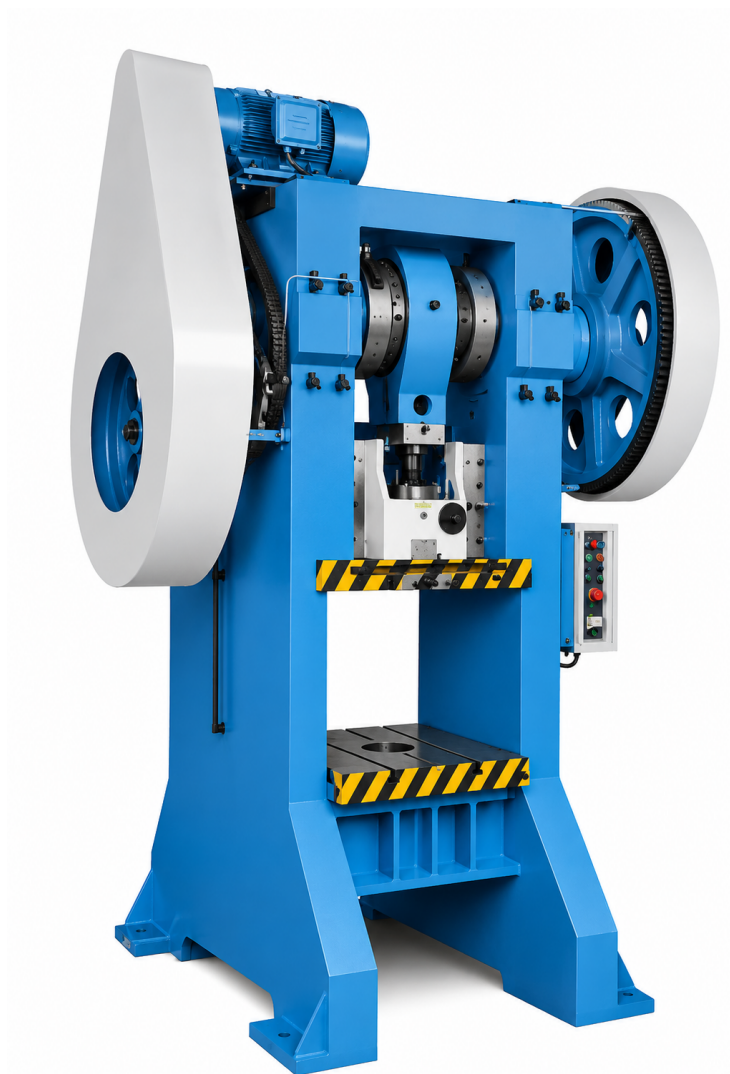
C-TYPE POWER PRESS

Technical & Performance Parameters across BCP-05 to BCP-200 Models

Model	UNIT	BCP-05	BCP-10	BCP-20	BCP-30	BCP-40	BCP-50	BCP-75	BCP-100	BCP-150	BCP-200
Capacity In Tons	Tons	5	10	20	30	40	50	75	100	150	200
Crankshaft Diameter	mm	85	105	123	140	145	118	140	165	190	210
Adj. Stroke Length	mm	38	50	63	76	76	90	100	115	125	150
Adjustment Of Ram	mm	25	25	25	25	25	30	30	35	40	40
Ram Face Size	mm	190 x 100	240 x 114	292 x 127	317 x 140	342 x 152	305 x 204 x 483	356 x 229 x 534	407 x 254 x 585	457 x 280 x 610	508 x 330 x 660
Punch Hole In Ram	mm	25	25	32	38	38	38	45	50	55	60
Hole In Bed	mm	63	76	82	89	95	150	175	200	225	268

Bed Size (Left To Right x Front To Back)	mm	355 x 178	432 x 228	534 x 305	585 x 355	635 x 355	508 x 762	560 x 812	685 x 940	735 x 1015	812 x 1220
Bed Thickness	mm	50	58	63	70	76	70	75	75	90	100
Dist. Between Bed To Ram	mm	177	204	254	292	318	330	355	430	480	508
Flywheel Weight	kg	50	70	90	110	150	280	350	450	700	900
Stroke Per Minute	mm	80	80	45	40	40	812	915	990	1117	1220
H.P. Required For Geared(1440 RPM)	hp	1	1.5	2	3	5	60	55	50	45	40
For Ungeared(96 0 RPM)	hp	1	2	3	5	-	5	5	7	10	15
Floor To Top Of Bed	mm	700	725	750	750	750	762	762	762	762	762
All Over Size (LR x FB x H)	mm	700 x 600 x 1600	800 x 800 x 1900	1000 x 1000 x 2100	1000 x 1100 x 2200	1100 x 1200 x 2400	2490 x 1090 x 1142	2640 x 1168 x 1295	2997 x 1320 x 1525	3098 x 1676 x 1728	3505 x 1930 x 2032
Weight Approximate	kg	350	600	1100	1400	1800	2250	3200	4650	6600	9100

BHARAT MACHINES



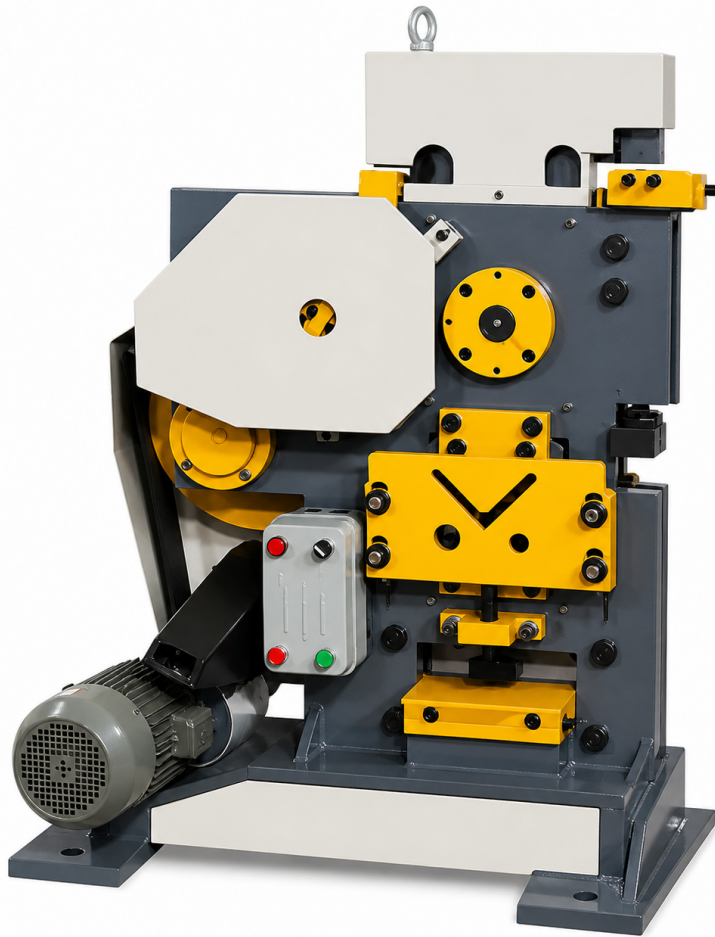
H-TYPE POWER PRESS

Technical & Performance Parameters across BHP-30 to BHP-500 Models

Model	UNIT	BHP-30	BHP-50	BHP-80	BHP-100	BHP-150	BHP-200	BHP-250	BHP-300	BHP-400	BHP-500
Capacity In Tons	Tons	30	50	80	100	150	200	250	300	400	500
Crankshaft Diameter	mm	85	140	160	190	195	220	220	255	295	295
Adj. Stroke Length	mm	75	89	115	130	150	150	165	175	200	200
Punch Hole In Ram	mm	38	45	50	50	80	80	80	80	80	80
Hole In Bed	mm	90	100	130	150	200	225	250	250	300	300
Bed Size (Length x Width)	mm	410 x 460	460 x 510	530 x 585	610 x 660	660 x 710	760 x 810	860 x 910	915 x 915	1000 x 1000	1100 x 1100

Bed Thickness	mm	70	83	95	115	125	135	140	145	150	155
Dist. Between Bed To Ram	mm	290	355	405	455	455	480	495	560	610	660
Stroke Per Minute	mm	40	40	40	40	40	35	30	30	25	25
Motor Power (1440 RPM)	hp	3	5	10	10	15	20	25	30	40	50
Floor To Top Of Bed	mm	880	1000	1000	1000	1000	1000	1000	1000	1000	1000
All Over Size (L x W x H)	mm	1000 x 1100 x 2200	1200 x 1300 x 2500	1500 x 1500 x 2750	1750 x 1750 x 2900	2050 x 2000 x 3300	2200 x 2150 x 3500	2300 x 2200 x 3800	2450 x 2350 x 4000	2600 x 2450 x 4200	2800 x 2500 x 4400
Weight Approximat	kg	1500	2500	3500	5000	6600	9000	11500	12500	13500	14500

BHARAT MACHINES



MULTIPURPOSE IRONWORKER

Technical & Performance Parameters across MIW-36, MIW-50, and MIW-90 Models

MODEL	MIW-36	MIW-50	MIW-90
Max Force	36 TON	50 TON	90 TON
Tool STROKE	27mm	36 mm	36 mm
Strokes Times	30 times/min	30 times/min	30 times/min
Motor Power	2.2 KW/415V	3 KW/415V	4 KW/415V
Round Punching	22x8 mm	22x10 mm	31x12 mm
Capsule Punching	36x16x8 mm	40x18x10 mm	40x21x12 mm
Angle Cutting	75x75x8 mm	100x100x8	125x125x8
Channel Cutting	75x40 mm	100x50 mm	150x75 mm
Cutting Blade	200 mm	230 mm	340 mm
Flate Cutting	200x8 mm	200x10 mm	340x12 mm
Notching Tool	65x65 mm	65x65 mm	80x70 mm
Round Bar	30 mm	35 mm	40 mm
Square Bar	20 mm	30 mm	35 mm
Overall Dimensions (LXWXH)	900x600x1100 mm	900x600x1250 mm	1100x600x1450 mm

Machine Weight

480 KG

700 KG

1000 KG

Accessories

ACCESSORIES
Angle Steel Mold
Notching Unit
Elctric Control Box
Punching Unit
Main Motor
Foot Switch

BHARAT MACHINES



FLY PRESS

Technical Specifications

Model	BFP - 0	BFP - 1	BFP - 2	BFP - 3	BFP - 4	BFP - 5	BFP - 6
Centre To Back (mm)	76	89	95	114	121	197	229
Base To Guide (mm)	114	127	146	171	184	127	152
Diameter Of Screw (mm)	38	42	42	48	48	48	58
Hole In Bed Without Ring (mm)	44	51	64	76	89	102	114
Hole In Bed with Ring (mm)	-	-	-	38	44	51	57
Stroke (mm)	82	102	114	152	133	152	178
Height Of The Body (mm)	406	502	546	610	720	850	990
Size Of The Bed, Left To Right	98	120	139	171	210	255	310
Size Of Bed, Front To Back	146	165	190	228	265	312	345
Hole In Ram (Diameter)	19	19	19	25.4	25.4	25.4	25.4
Hole In Ram (Depth)	38	38	38	38	38	38	51
Length Of Screw	305	419	419	469	570	660	780
Diameter Of Flywheel (mm)	-	406	457	534	635	770	920