

RATTAN



Manufacturer of:
 Friction Drop Hammer | Hot Forging Press | Two Point Power Press
 Roll Forge Reducer | Bar Cropping Machine | Billet Shearing Machine
 C-Frame Power Press | H-Type Power Press | Knuckle Joint Press
 Shot Blasting Machine, De-Scaller and all Machines Spare Parts

RATTAN HAMMERS

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FRICITION DROP HAMMER & THEIR PARTS

Size of Hammers	Kgs	300	500	750	1000	1250	1500	2000	2500	3000	3500	4000
Weight of Top	kgs.	325	550	800	1100	1300	1500	2100	2600	3100	3600	4100
Space Between Slides	mm/inches	360/14	432/17	495/20	542/21	575/23	620/25	670/27	727/29	750/32	780/32.5	832
Stroke Maximum	mm/inches	1450/57	1565/62	1630/64	1700/67	1835/72	1835/72	1980/78	2100/83	2235/88	2402/95	
Max. Weight top Die	kgs.	100	155	225	280	330	460	510	650	740	775	870
Top Front to Back	mm/inches	330/13	400/16	430/17	490/19	520/21	550/22	610/24	640/26	700/28	762/30	800
Total Height of Machine	mm/ft.	5000/15'8"	5500/18'	5590/18'9"	6020/19'6"	6300/20'6"	6600/21'6"	6750/22'	7000/23'	7250/24'	7490/24'6"	76
Max. No. of Blows	short stroke	95	90	82	75	75	66	66	62	56	51	45
Per Minute	full stroke	45	44	40	36	36	32	32	30	25	20	15
Max. Weight of Job	kgs.	1/2	1	2	3	5	10	15	25	35	50	50
Gross Weight (approx.)	M.T.	10	17	26	32	38	48	58	72	82	90	115
Motor 1440 RPM	HP	20	30	40	50	60	75	100	125	150	180	240



TWO POINT POWER PRESS

Model	250-TON	300-TON	400-TON	500-TON	600-TON	800-TON	1000-TON
CAPACITY	250	300	400	500	600	800	1000
Type	Crank Type	Crank Type	Crank Type	Crank Type	Crank Type	Crank Type	Crank Type
Construction	H-Type	H-Type	H-Type	H-Type	H-Type	H-Type	H-Type
Stroke Length	175mm Fix	175mm Fix	175mm Fix	200mm Fix	200mm Fix	200mm Fix	250mm Fix
Adjustment of Ram (Motorized)	68mm	75mm	75mm	80mm	80mm	80mm	100mm
Bed Area (LxR)	1000x800	1000x800	1150x1000mm	1200x1000mm	1200x1000mm	1400x1200mm	1500x1250mm
Day Light	575mm	600mm	650mm	700mm	700mm	800mm	800mm
Stroke Per Minutes	45-SPM	45-SPM	40-SPM	40-SPM	40-SPM	40-SPM	40-SPM
Boiler Opening	Ø150mm	Ø150mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm	Ø200mm
Ram Face Area (FbxR)	900x600mm	900x700mm	1000x800mm	1000x800mm	1100x800mm	1200x900mm	1300x1000mm
Floor to Top of Bed	900mm	900mm	900mm	900mm	900mm	900mm	900mm
Hole Size on Ram for Face for Shank	Ø60mm	Ø60mm	Ø60mm	Ø60mm	Ø60mm	Ø70mm	Ø60mm
Type of Clutch and Brake	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Ram Balancing	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder
Electric Control Panel	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable
Main Motor	25HP 1440RPM	25HP 1440RPM	40HP 1440RPM	50HP 1440RPM	60HP 1440RPM	75HP 1440RPM	90HP 1440RPM
Lubrication	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Pressure	5.5Kg/cm ²	5.5Kg/cm ²	5.5 Kg./cm ²	5.5 Kg./cm ²	5.5 Kg./cm ²	5.5 Kg./cm ²	5.5 Kg./cm ²
Approx. Weight	13 TON	16 TON	18 TON	23-TON	25-TON	30-TON	34-TON

TRIMMING PRESSES (H-TYPE)

Capacity In Tons	10	20	30	50	75	100	150	200	250	300	400	500	600
Table Size MM	350x350	400x400	450x450	475x500	533x585	555x600	625x650	750x800	850x900	900x900	1000x1000	1100x1000	1200x1000
Distance Table To RAM	240	254	280	300	350	375	450	450	550	600	700	700	700
Stroke	68	75	75	90	100	100	125	150	175	200	200	200	200
Punch Hole	28	32	32	32	38	38	45	63	63	63	75	75	75
Stroke Per Minute	75	80	70	60	45	45	40	35	35	35	30	30	30
Bore In Table	100	125	125	150	175	200	225	250	250	300	350	350	350
Ram Adjustment	38	45	45	45	45	50	50	50	50	50	60	60	60
HP Required 1440 RPM	2	2	3	5	5	5	7.5	10	15	20	40	50	60
Pully Size	125	125	150	150	150	150	175	200	200	225	225	225	225

TRIMMING PRESSES (C-TYPE)

Capacity In Tons	10	20	30	50	75	100	150	200	250
Table Size MM	355x430	400x505	450x525	450 X 600	530 X 760	600 X 890	700 X 1000	750 X 1100	800x1200
Distance Table To RAM	240	254	280	300	350	375	430	450	450
Stroke	68	75	75	90	100	100	125	150	150
Punch Hole	28	32	32	32	38	38	45	63	63
Stroke Per Minute	90	80	70	60	45	45	40	35	35
Main Motor	100	125	125	150	175	200	225	250	250
Ram Adjustment	28	45	45	45	45	50	50	50	50
HP Required 1440 RPM	2	2	3	5	5	7.5	10	15	20
Pully Size	125	150	150	150	150	150	175	200	225

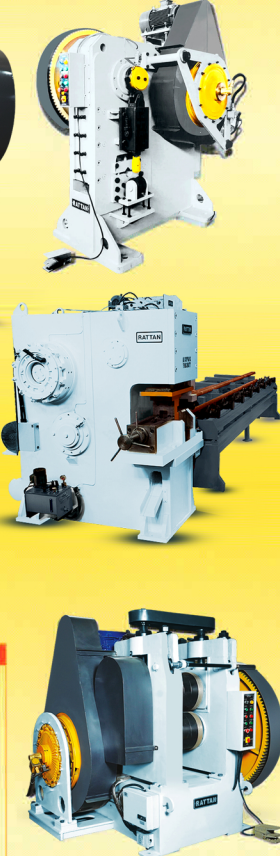
HOT FORGING PRESS

Model	UNITS	RHF-300	RHF-400	RHF-600	RHF-800	RHF-1000	RHF-1300
CAPACITY	Tons	300	400	600	800	1000	1300
Tonnage Rating Point	MM.	3	3	5	5	5	5
Stroke Length	MM.	140	160	200	250	300	325
Stroke Per Minute	S.P.M	110	110	100	90	90	90
Day Light	MM.	460	530	550	650	650	750
Adjustment of Slide	MM.	8	8	8	8	10	10
Boiler Area (LxR)	MM.	600x620	850x850	880x880	980x1000	1000x1050	1150x1150
Slide Area (LxR)	MM.	500x570	650x615	700x660	800x790	940x800	1000x1000
Slide Opening (WxH)	MM.	300x450	450x450	500x500	550x600	500x600	500x650
Main Motor	KW/HP	22/30	30/40	45/60	55/75	75/100	100/125
Adjustment Motor	KW/HP	0.5	0.75	0.75	1.5	1.5	1.5
Air Pressure	KG./CM ²	5.5	5.5	5.5	5.5	5.5	5.5
Upper Ejector Type	MECH.	MECH.	MECH.	MECH.	MECH.	MECH.	MECH.
1.Capacity	TONN	1	1	2	2	3	3
2. Stroke	MM.	20	20	20	30	30	40
3.Pin Dia	MM.	40	50	50	60	65	70
Lower Ejector Type	AIR.	AIR.	AIR.	AIR.	AIR.	AIR.	AIR.
1.Capacity	TONN.	3	4	6	6	7.5	7.5
2. Stroke	MM.	20	20	20	30	30	40
3.Pin Dia	MM.	40	50	50	50	50	50
Approx WT	TONN	23	30	40	55	70	90



KNUCKLE JOINT PRESS MACHINE

Model	Units	RKJ-250	RKJ-400	RKJ-630
CAPACITY	TONS	250	400	630
TONNAGE RATING POINT	MM	4	7	8
STROKE LENGTH	MM	120	160	160
STROKE PER MINUTE	S.P.M	30	40	40
DIE HEIGHT	MM	400	450	450
ADJUSTMENT OF SLIDE	MM	15	15	15
BOLSTER AREA (LxR)	MM	650x500	700x600	750x600
SLIDE AREA (LxR)	MM	640x400	650x500	680x500
UPPER EJECTOR	MM	15	15	25
LOWER EJECTOR	MM	50	50	60
MAIN MOTOR	HP/RPM	20/960	25/960	40/960



BILLET SHEARING MACHINE

Capacity (Mild Steel)	50mm	75mm	100mm	125mm	150mm
Capacity (Alloy Steel)	40mm	60mm	80mm	110mm	125mm
Measuring Length	50/300	50/300	75/350	100/350	100/450
No. of Pcs. per minute	35	28	22	18	12
Working height	800	800	800	800	800
Clutch	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Air Pressure Kg/cm ²	5.5	5.5	5.5	5.5	5.5
Motor HP	10	20	30	40	50
Approx Weight Kgs	7000	8500	12000	18000	22000

BAR CROPPING MACHINE

Model	50	75	100
Number Of Cuts Per Minute	40	35	25
Round M.S./Alloy	50/40	75/65	100/80
Square	40	60	90
Measuring Length	35/300	50/300	50/300
Bar Length	6	6	6
Loading Table Capacity	3	5	8
Clutch And Brake Type	Pneumatic	Pneumatic	Pneumatic
Installed Power	H.P.	13	23
Main Motors	H.P.	10	20
Air Pressure	Kg./cm ²	5.5	5.5
Bar Lifter	Pneumatic	Pneumatic	Pneumatic
Oil Lubrication	Auto	Auto	Auto
Electrical Control	PLC	PLC	PLC
Weight Approx	Kg.	10000	16000

ROLL FORGING REDUCERS

Model	UNIT	RF-140	RF-170	RF-220	RF-300
Roller Dia	MM	140	170	220	300
Roller Center Distance	MM	250	310	360	480
Forge Roll Effective Width	MM	220	240	260	520
Roll Forge Center Adjustment	MM	3	3	3	5
Maximum Mat. Dia	MM	30	45	60	80
Maximum Mat. Length	MM	400	500	600	725
Stroke Per Minutes	S.P.M	40	35	30	25
Clutch Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Air Pressure	Kg/cm ²	5.5	5.5	5.5	5.5
Main Motor	KW	7.5/10	15/20	18.5/25	32/40

SHOT BLASTING MACHINE TUMBLE TYPE

Model	Chamber Size	Machine Dimensions LxWxH	Conveyor Drive	Rotor Drive Motor	Blower Drive Motor	Elevator Drive Motor	Loader Drive Motor	Unloader Drive Motor	Rotor Dia	Batch Capacity	WT.OF Machine (Approx)	Type Of Dust Collector
RSHB-2027	20"x27"	9"x5"x12"	1.0 H.P.	5.0 H.P.	3.0 H.P.	1.0 H.P.	1.0 H.P.	1.0 H.P.	305 MM	150-200 Kg	2500 Kg.	Dry Type
RSHB-2736	27"x36"	10"x6"x13"	1.0 H.P.	10 H.P.	3.0 H.P.	2.0 H.P.	2.0 H.P.	1.0 H.P.	380 MM	300-350 Kg.	4000 Kg.	Dry Type
RSHB-3642	36"x42"	11"x7"x15"	2.0 H.P.	10 H.P.	5.0 H.P.	2.0 H.P.	2.0 H.P.	1.0 H.P.	380 MM	550-600 Kg	7000 Kg	Dry Type

SHOT BLASTING MACHINE TURN TABLE TYPE

Model	Chamber Size	Machine Dimensions LxWxH	Table Drive	Rotor Drive Motor	Blower Drive Motor	Elevator Drive Motor	Rotor Dia	Batch Capacity Kg	WT.OF Machine (Approx)	Type Of Dust Collector
RSHB-C 48"	73"x44"	99"x75"x54"	1.0 H.P.	15 H.P.	3.0 H.P.	2.0 H.P.	482 MM	400-500	6500 Kg	Dry Type
RSHB-C 72"	93"x73"	134"x105"x80"	2.0 H.P.	15 H.P.	5.0 H.P.	2.0 H.P.	482 MM	800-900	9000 Kg	Dry Type
RSHB-C 96"	121"x102"	156"x130"x105"	2.0 H.P.	15 H.P.	5.0 H.P.	2.0 H.P.	482 MM	1200-1300	12500 Kg	Dry Type

