

MECHANICAL UNDER CRANK SHEARING MACHINE



JAY-SHREE Brand Steel Body Geared operated Shearing Machine are designed and parallel sheet cutting. The Machine is applicable to M.S., S.S., Copper, Brass, Aluminum, CRC, P.S.B. etc. cutting industries. It is also applicable to manufacturers of Electric stamping, Automobiles, Tin Drum Barrel, Control Panels and Boards, Steel Furniture, Tube light Patties, Fabricators & Kitchenware items etc.

- SIDE FRAMES** : Are of Steel Plates designed for maximum rigidity to eliminate deflection and to with stand continuous high speed performance at full capacity.
- RAM (UPPER BEAM)** : Is of solid steel plate and additional ribs on back side the ram adds to its strength, carrying the upper knife. Its maximum weight ensure lesser load on the bearing. The ram moves in accurate machined guide-ways to avoid deflection. for smooth running and maintains the proper strength of the upper knife.
- TABLE** : Is of closed box type steel fabricated, which forms a rigid backbone for the shear and a solid backing for the lower knife. Additional ribs, under the table adds to its strength.
- BLADE** : Is four edged HC HCR provided for longer tool life.
- CRANK SHAFT & FLYWHEEL SHAFT** : Is of best Steel, accurately machined and runs in gun metal bearing and all other installed in gun metal bearings.
- HOLD DOWN** : Is of steel fabricated spring loaded ensures uniform pressure through out the cutting length without any slipping irrespective to the sheet.
- ROLLING KEY CLUTCH** : Made of EN-24 steel for positive engagements and continuous operation having three key way. Single revolving key system in incorporated in the machine ensuring easy and efficient working of the machine.
- DRIVE** : Is through "B" Belts on the fly wheel and other chain of job cut gears for smooth running and longer life.
- BRAKE** : Constant Spring Loaded adjustable brake is provided.
- LUBRICATION** : For sufficient Lubrication oil cups and oil points are provided.
- STANDARD ACCESSORIES** : Gear & Wheel Guard, Hand Operated Back Gauge, Manual Lubrication System, T-Slot Front Supporters, Front Scale Gauge, Hydraulic Hold Down & Instruction Manual.
- OPTIONAL ACCESSORIES** : Automatic Lubrication System, Electrical consist of Electric Motor, Control Panel, V-Belts, Stroke Counter, Ball Roller or Ball Transfer, N.C. Back Gauge, Extension Squaring Arm, Foundation Bolts, Motorized Back Gauge With D.R.O.

SPECIFICATIONS

Model	CUTTING CAP. IN MS LENGTH X THICKNESS	STROKE PER MINUTE	TABLE HEIGHT	TABLE WIDTH	FRONT GAUGE	PEAR GAUGE	MOTOR HP / KW	BLADE LENGTH x WIDTH x THICK	OVERALL DIMENSION IN MM (APP)		
									LEANTH A	BREADTH B	HEIGHT C
JSML-1	610 x 2	55	700	300	600	600	2 / 1.5	610 x 63 x 12	1250	1000	1100
JSML-2	1000 x 2	55	700	300	600	600	2 / 1.5	1000 x 63 x 12	1700	1000	1100
JSML-3	1270 x 2	55	750	350	600	600	2 / 1.5	1270 x 63 x 12	2000	1500	1200
JSML-4	1525 x 2	55	750	350	600	600	2 / 1.5	1525 x 63 x 12	2300	1500	1200
JSML-5	2030 x 2	55	750	400	600	600	3 / 2.2	2030 x 63 x 14	2700	1600	1200
JSML-6	2540 x 2	55	800	400	600	600	5 / 3.7	2540 x 63 x 14	3200	1600	1200
JSML-7	3125 x 2	55	800	400	600	600	5 / 3.7	3125 x 63 x 14	3800	1600	1200
JSMH-1	610 x 4	50	750	350	600	600	3 / 2.2	610 x 63 x 14	1300	1400	1200
JSMH-2	1000 x 4	50	800	350	600	600	5 / 3.2	1000 x 63 x 14	1750	1400	1200
JSMH-3	1270 x 4	50	800	400	600	600	5 / 3.7	1270 x 63 x 14	2050	1500	1200
JSMH-4	1525 x 4	50	900	450	600	750	5 / 3.7	1525 x 75 x 18	2350	1700	1300
JSMH-5	2030 x 4	50	900	450	600	750	7.5 / 5.6	2030 x 75 x 18	2750	1700	1300
JSMH-6	2540 x 4	50	900	450	600	750	10 / 7.7	2540 x 75 x 18	3300	1800	1350
JSMH-7	3125 x 4	40	900	450	600	750	15 / 11.2	3125 x 75 x 18	3900	1800	1350

NOTE : Electrical & Blades are not under Warranty. Specification / Design are Subject to change without prior notice All Dimension are in mm

Mfg. & Exporter By.:
JAY-SHREE[®]
MACHINES PVT. LTD.
 AN ISO 9001: 2008 CERTIFIED COMPANY

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MECHANICAL OVER CRANK SHEARING MACHINE



JAY-SHREE Guillotine Shearing Machines have been designed & develop through structural analysis technique for continuous production, accuracy and repeatability.

- FRAMES** : Rigid Steel Frame of JAY-SHREE shears are optimally designed to avoid weak sections and is of interlocked design, The Ram is guided throughout its length by accurate machined guide ways ensuring proper clearance and clean cut.
- CLUTCH, BRAKE & DRIVE** : Revolving Key Clutch linked with the Main Gear engages every time when Foot Pedal is pressed. Drive provided through V-Belt & all journals are fitted in Gun Metal Bearings. Brake is adjustable and incorporated on end of Crank Shaft.
- HOLD DOWN SYSTEM** : Hydraulic Hold Down Pads are actuated by Hydraulic Power Pack / Cam Operated Pump. Hydraulic Hold Down Pads hold the Sheet Securely to avoid Slipping and bowing resulting in clean square cut. Hold Down Units are Provided with oversize pads to avoid impressions on sheet metal on request.
- BLADES** : JAY-SHREE Shears are provided with high quality single segment (H.C.H.C.R.) Blade for longer tool life. Ease in assembling of knife reduces down time, the shear Blade are four edged.
- LUBRICATION** : All bearing parts and guide surfaces are lubricated through hand operated lubrication system.
- MECHANICAL BACK GAUGE** : This is a standard equipment proved on all JAY-SHREE Shears. Scale on the back gauge gives instantaneous reading of distance Between Shear and Back Gauge, thus avoiding errors and maintenance encountered in electronic equipment.
- FINGER GUARD** : Fitted in front of hold down for operator protection without abstraction viewing.
- STANDARD ACCESSORIES** : Gear & Wheel Guard, Hand Operated Back Gauge, Manual Lubrication System, T-Slot Front Supporters, Front Scale Gauge, Hydraulic Hold Down & Instruction Manual.
- OPTIONAL ACCESSORIES** : Automatic Lubrication System, Electrical consist of Electric Motor, Control Panel, V-Belts, Stroke Counter, Ball Roller or Ball Transfer, N.C. Back Gauge, Extension Squaring Arm, Foundation Bolts, Motorized Back Gauge With D.R.O.

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									LEANTH A	BREADTH B	HEIGHT C
JSOC-1	1270 x 6	25	750	450	600	750	7.5 / 5.6	1270 x 75 x 18	2200	1900	2200
JSOC-2	1525 x 6	25	750	450	600	750	7.5 / 5.6	1525 x 75 x 18	2500	1950	2300
JSOC-3	2030 x 6	25	750	450	600	750	10 / 7.7	2030 x 75 x 18	3000	1950	2300
JSOC-4	2540 x 6	25	750	450	600	750	10 / 7.7	2540 x 75 x 18	3550	1950	2300
JSOC-5	3125 x 6	25	750	450	600	750	15 / 11.2	3125 x 75 x 18	4150	1950	2400
JSOC-6	1270 x 8	20	750	450	600	750	10 / 7.7	1270 x 75 x 18	2250	1900	2200
JSOC-7	1525 x 8	20	750	450	600	750	10 / 7.7	1525 x 75 x 18	2570	1950	2300
JSOC-8	2030 x 8	20	750	450	600	750	12.5 / 9.7	2030 x 75 x 18	3150	1950	2500
JSOC-9	2540 x 8	20	750	450	600	750	15 / 11.2	2540 x 75 x 22	3670	1950	2500
JSOC-10	3125 x 8	20	750	450	600	750	20 / 15	3125 x 75 x 22	4250	1950	2600
JSOC-11	1270 x 10	20	800	450	600	750	12.5 / 9.7	1270 x 100 x 22	2300	1950	2400
JSOC-12	1525 x 10	20	800	450	600	750	12.5 / 9.7	1525 x 100 x 22	2600	1950	2400
JSOC-13	2030 x 10	20	800	450	600	750	15 / 11.2	2030 x 100 x 22	3200	1950	2600
JSOC-14	2540 x 10	20	800	450	600	750	20 / 15	2540 x 100 x 22	3700	1950	2600
JSOC-15	3125 x 10	20	800	450	600	750	25 / 18.7	3125 x 100 x 25	4300	1950	2600
JSOC-16	1270 x 13	20	800	450	600	750	15 / 11.2	1270 x 100 x 25	2300	1950	2500
JSOC-17	1525 x 13	20	800	450	600	750	15 / 11.2	1525 x 100 x 25	2600	1950	2500
JSOC-18	2030 x 13	20	800	450	600	750	20 / 15	2030 x 100 x 25	3250	1950	2600
JSOC-19	2540 x 13	20	800	450	600	750	25 / 18.7	2540 x 100 x 25	3750	1950	2600
JSOC-20	3125 x 13	20	800	450	600	750	30 / 22.5	3125 x 100 x 25	4350	1950	2600
JSOC-21	2030 x 16	20	800	450	600	750	25 / 18.7	2030 x 100 x 25	3450	2100	3100
JSOC-22	2540 x 16	20	800	450	600	750	30 / 22.5	2540 x 100 x 25	3950	2200	3100
JSOC-23	3125 x 16	20	800	450	600	750	40 / 30	3125 x 100 x 25	4350	2300	3100

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Web : www.jayshreemachines.com / E-mail : jayshreemachines@ymail.com

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1270 x 6 mm to 3125 x 16 mm



more than **3000** machines
are working with satisfaction

MECHANICAL UNDER CRANK SHEARING MACHINE

610 x 2 mm to 3125 x 4 mm



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