



Godson Ultimate Bending Solutions

An ISO 9001 : 2008 Certified Company

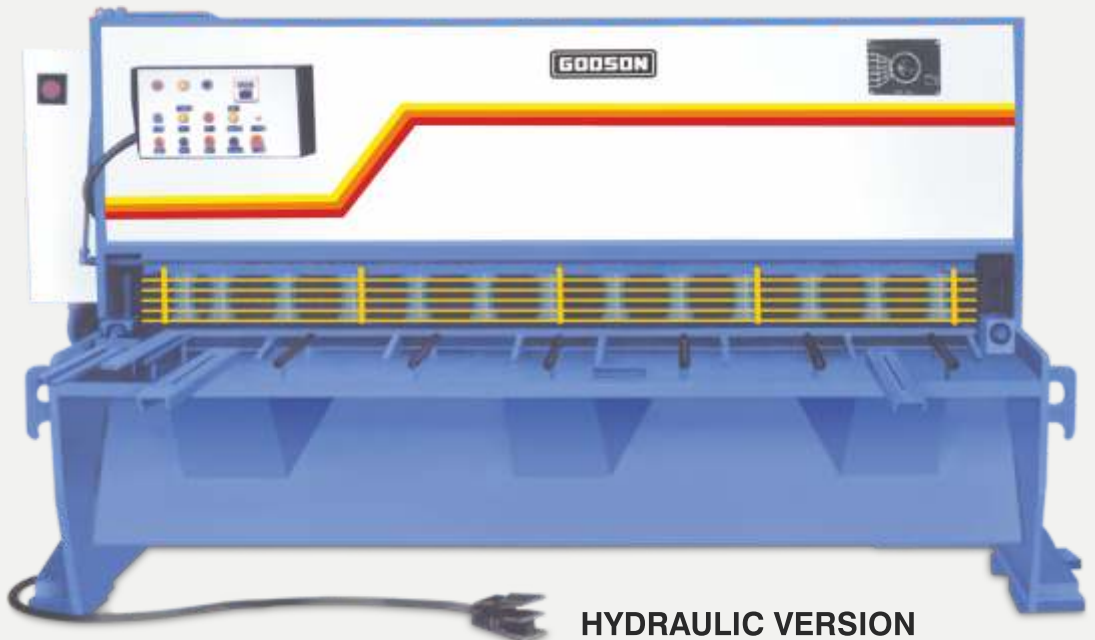
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GODSON

SHEARING MACHINE



MECHANICAL VERSION



HYDRAULIC VERSION
(Variable rake angle type)



Godson bending systems pvt. ltd.

ATIKA IND. AREA, MARG NO. 1, DHEBAR ROAD (SOUTH), RAJKOT-360 002 (INDIA).
Ph.: +91- 281- 2361467, 2361449 • Fax: +91- 281- 2361873
Website: www.godson-india.com • E-mail: godsonindia@hotmail.com





SHEARING MACHINE

GODSON Shearing Machines are constructed sturdily and designed for accuracy and dependability by employment of latest technology and experience.

- A. Side Walls :** Are designed from Mild Steel to take heavy loads.
- B. Bed and Upper Beam :** Fabricated from Mild Steel to withstand and absorb heavy loads designed specially to adjust the blade clearance as required.
- C. Pressure Plate :** Fabricated from Mild steel is spring loaded.
- D. Clutch, Brake and drive :** Revolving key Clutch, linked with the main Gear Engages every time when the foot pedal is pressed. Drive provided through V-Belts and all the journals are fitted in Gun Metal Bearings. Brake is adjustable one incorporated on the end of the Crank Shaft.
- E. Back Gauge :** In GSH-1-2-3-4 are Screw Drive where as in GSL-1-2-3-4 and GSM-1-2-3 are of Rack Pinion Type designed to accurate and easy operation.
- F. Blades :** Are generally four edged and Grade-1 with single segment.
- G. Lubrication :** Lubrication oil cups provided connected with various pipes rendering supply of oil. Lubrication hand pump is provided in Model No. GSH-1-2-3-4 & GSL-4

Standard Equipments : Back Gauge, Front Gauges, Wheel and Gear Guards, Foot pedal and Pulley.

Extra items : Electric Motor, Starter, V-Belts, Stoke Counter and Scales.

MECHANICAL VERSION

All measurements are approximate.

MODEL	LENGTH CUTTING THICKNESS M.M.	DEPTH OF THROAT M.M.	STROKE PER MINUTE	TABLE HEIGHT M.M.	TABLE WIDTH M.M.	FRONT GAUGE M.M.	BACK GAUGE M.M.	FRONT T-SLOT LENGTH	ELEC. MOTOR HP/KW	BLADE LENGTH X WIDTH X THICK M.M.	OVERALL DIMENSIONS IN M.M.		
											A	B	C
GSEH-1	1270 x 5	62	45	900	430	600	600	600	7.5 / 5.6	1270 x 75 x 18	2200	1550	1370
GSEH-2	1525 x 5	62	45	900	430	600	600	600	7.5 / 5.6	1525 x 75 x 18	2450	1550	1370
GSEH-3	2030 x 5	62	45	900	430	600	600	600	10 / 7.5	2030 x 75 x 18	2960	1550	1370
GSEH-4	2540 x 5	62	45	900	430	600	600	600	12.5 / 9.3	2540 x 75 x 18	3470	1550	1370
GSH-1	1270 x 4	62	45	900	430	600	600	600	5 / 3.7	1270 x 63 x 14	2200	1475	1320
GSH-2	1525 x 4	62	45	900	430	600	600	600	5 / 3.7	1525 x 63 x 14	2450	1475	1320
GSH-3	2030 x 4	62	45	900	430	600	600	600	7.5 / 5.6	2030 x 63 x 14	2960	1475	1320
GSH-4	2540 x 4	62	45	900	430	600	600	600	10 / 7.5	2540 x 75 x 14	3470	1475	1320
GSM-1	1270 x 3	62	45	800	380	600	600	600	5 / 3.7	1270 x 63 x 12	2150	1400	1275
GSM-2	1525 x 3	62	45	800	380	600	600	600	5 / 3.7	1525 x 63 x 12	2400	1400	1275
GSM-3	2030 x 3	62	45	800	380	600	600	600	7.5 / 5.6	2030 x 63 x 12	2900	1400	1275
GSM-4	2540 x 3	62	45	800	380	600	600	600	7.5 / 5.6	2540 x 63 x 12	3410	1400	1275
GSL-1	1270 x 2	50	45	785	350	600	600	600	1.5 / 1.1	1270 x 50 x 12	2000	1200	1150
GSL-2	1525 x 2	50	45	785	350	600	600	600	2 / 1.5	1525 x 50 x 12	2260	1200	1150
GSL-3	2030 x 2	50	45	785	350	600	600	600	3 / 2.2	2030 x 50 x 12	2850	1200	1150
GSL-4	2540 x 2	62	45	800	380	600	600	600	5 / 3.7	2540 x 63 x 12	3425	1400	1275

GODSON Hydraulic Shearing Machine with a variable rack angle is having rigid side wall Roller guides hydraulic power pack incorporating world class components, hydraulic cylinders are of precisely honed with hard chrome piston rod and best quality sealing elements, Hydraulic hold down to hold sheet securely to avoid slipping and bowing which also give better clamping while cutting narrow strips. Blades are of four edge single segment HcHcr material. Finger guards are provided to protect operator's finger. The machine is operated through electric panel at left side of the machine foot switch is provided to carry out Shearing operation.

HYDRAULIC VERSION (Variable rake angle type)

MODEL NO.	CAPACITY			RAKE ANGLE RANGE (Degree)	No. OF STROKES		NO. OF HOLD DOWN	LENGTH OF BACK GAUGE M.M.	HOLDING FORCE (Kgs.)	MOTOR HP KW	APPROXIMATE WEIGHT (Kg)	OVERALL DIMENSIONS M.M.		
	WIDTH	RAKE ANGLE			MAX. ANGLE RANGE	MIN. ANGLE RANGE						LENGTH	WIDTH	HEIGHT
		NOMI.	MAX.											
HS-1	1600	4	6	0.5 - 3	15	30	9	600	4500	7.5 (5.5)	3000	2300	1500	1800
HS-2	2000	4	6	0.5 - 3	15	30	11	600	6200	7.5 (5.5)	3500	2700	1500	1950
HS-3	2500	4	6	0.5 - 3	10	25	13	600	8000	7.5 (5.5)	5000	3000	1500	1950
HS-4	3000	4	6	0.5 - 3	10	24	16	600	10000	10 (7.5)	7500	3500	1600	1950
HS-5	1600	6	8	0.5 - 3	10	20	9	600	6600	10 (5.5)	4200	2300	1600	1800
HS-6	2000	6	8	0.5 - 3	15	30	11	600	7000	15 (11)	4500	2500	1600	1950
HS-7	2500	6	8	0.5 - 3	10	24	13	600	8500	15 (11)	5500	3000	1600	1950
HS-8	3000	6	8	0.5 - 3	10	24	16	600	10800	15 (11)	6500	3500	1600	1950
HS-9	1600	8	10	0.5 - 3	8	17	9	600	10500	10 (7.5)	5000	2300	2050	1950
HS-10	2000	8	10	0.5 - 3	10	20	11	600	12500	20 (15)	6000	2500	2050	2150
HS-11	2500	8	10	0.5 - 3	9	20	13	600	16300	20 (15)	7500	3000	2050	2150
HS-12	3000	8	10	0.5 - 3	8	18	16	600	18500	20 (15)	9500	3500	2050	2150

Standard accessories : • Variable rake angle adjustment with selector switch. • Hydraulic hold downs. • Rapid blade clearance adjustment. • Front gauge. • Main Electric control panel. • Front operator control box. • Movable foot switch. • Four edge interchangeable shear blade. • Operation and maintenance manual book.

[1] Capacity : mild steel of tensile strength 42 kg./mm² [2] Capacity not mention in above data table are available on request or demand.

[3] We reserve the right to modify the design, system, construction, dimension, weight, HP, & any other specification of our machine without any prior notice for better performance of machine.