



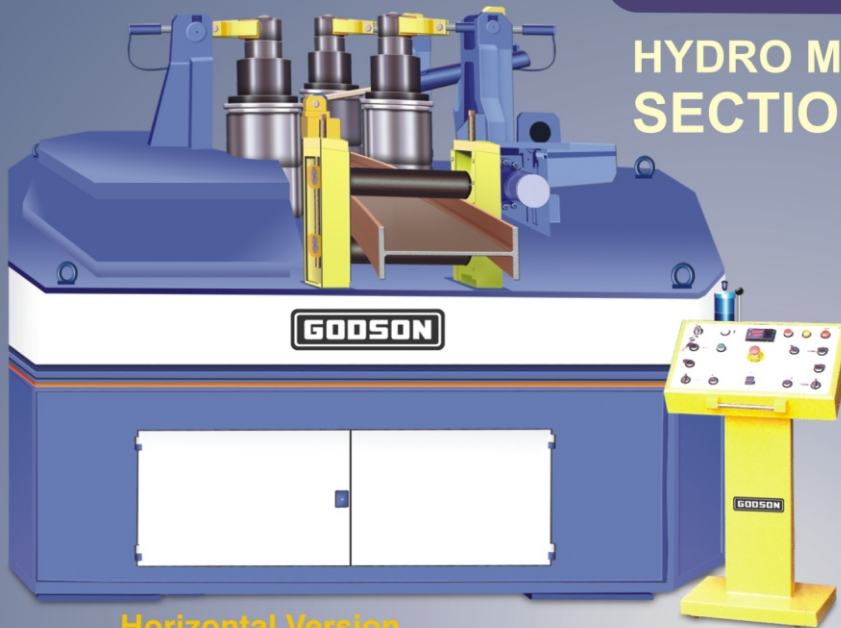
Godson Ultimate Bending Solutions

An ISO 9001 : 2008 Certified Company

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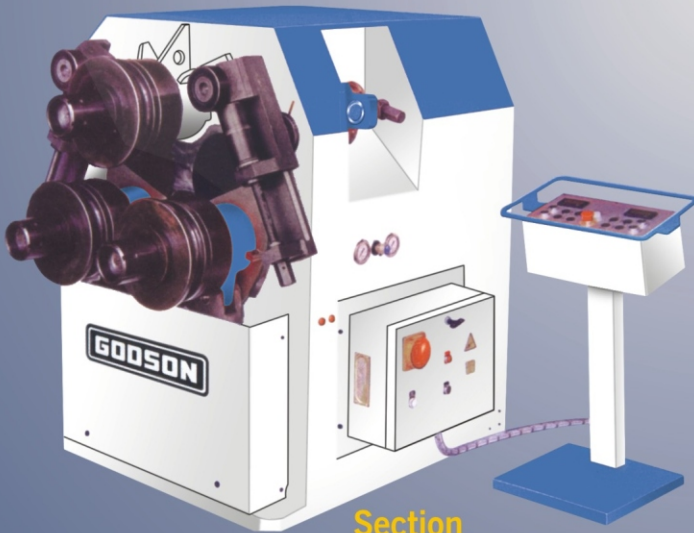
GODSON

HYDRO MECHANICAL / HYDRAULIC SECTION BENDING MACHINE



Horizontal Version Section Bending Machine

Section Bending Machine with Forming Attach



Section Bending Machine

(Also Available with PLC / CNC Option)



Godson bending systems pvt. ltd.



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SECTION BENDING MACHINE.

All models of **GODSON** section bending machines are designed & built according to the latest technology & experience of the field of last 20 years. The Material & components used are thoroughly tested in all practical bending situations and with the GODSON section bending machine the bending operation can be carried out with a minimum of manual efforts.

The main frame of the machine is of all steel welded construction, heavily proportional and welded to a structural steel base, stress relieved and machined. All three rolls are made out of alloy steel, heat treated, All shafts, Pinions & gears are also from alloy steel, rotating on high dynamic load spherical roller bearing, Rolls are driven by a special designed gear box and Electric Brake Motor or Hydraulic Motor (whichever is suitable). The two lower rolls are adjustable through individual gear box & brake motor or through hydraulic cylinders. The hydraulic unit is protected against over-load and Non-return valves elements the possibilities of lower changing position during the bending operations.

The Drive & Method of rolls adjustment of **GODSON** section bending machine give them a unique & universal range of capacities with pre bending of both the leading and trailing edges without the need to remove and turn the section being bent and with a minimum of losses in material. All operations are carried out by Portable push button type movable control desk. Machines are available in two different versions i.e.

ELECTRO-MECHANICAL : suitable to bend light & medium duty sections, lower roll adjustment are through individual Gear box & electric brake Motor, and

HYDRO-MECHANICAL : suitable to bend heavy duty sections, lower rolls adjustment are through hydraulic power pack unit & individual hydraulic cylinders.

MACHINE TYPE		ELECTRO-MECHANICAL [LIGHT DUTY]				HYDRO-MECHANICAL [LIGHT DUTY]				HYDRO-MECHANICAL [MEDIUM DUTY]				HYDRO-MECHANICAL [HEAVY DUTY]			
PROF. NO.	MODEL NO.	GSB-30 LEM		GSB-40 LEM		GSB-50 LHM		GSB-60 LHM		GSB-80 MHM		GSB-100 MHM		GSB-130 HEM		GSB-150 HEM	
1		30 x 5	Ø 350	40 x 5	Ø 450	50 x 6	Ø 600	60 x 6	Ø 650	80 x 8	Ø 900	100 x 12	Ø 1100	130 x 12	Ø 1300	150 x 16	Ø 1600
2		25 x 5	Ø 350	35 x 5	Ø 450	40 x 5	Ø 400	50 x 5	Ø 500	70 x 6	Ø 700	90 x 10	Ø 1000	100 x 12	Ø 1100	120 x 12	Ø 1500
3		30 x 5	Ø 350	40 x 5	Ø 450	50 x 50	Ø 500	60 x 60	Ø 600	80 x 80	Ø 800	100 x 100	Ø 1000	130 x 130	Ø 1200	150 x 150	Ø 1600
4		20 x 20	Ø 350	35 x 5	Ø 450	40 x 40	Ø 500	50 x 50	Ø 600	70 x 70	Ø 800	80 x 80	Ø 1000	100 x 100	Ø 1200	140 x 140	Ø 1600
5		30 x 30	Ø 500	40 x 5	Ø 450	50 x 50	Ø 600	60 x 60	Ø 700	80 x 80	Ø 900	100 x 100	Ø 1200	130 x 130	Ø 1300	150 x 150	Ø 1800
6		30 x 20	Ø 350	40 x 20	Ø 450	50 x 25	Ø 400	75 x 40	Ø 600	100 x 50	Ø 700	125 x 65	Ø 850	150 x 75	Ø 900	200 x 75	Ø 1200
7		30 x 20	Ø 450	35 x 20	Ø 550	50 x 25	Ø 500	70 x 40	Ø 750	100 x 50	Ø 900	125 x 65	Ø 1000	150 x 75	Ø 1200	200 x 75	Ø 1400
8		35 x 8	Ø 250	40 x 8	Ø 350	50 x 8	Ø 400	60 x 10	Ø 450	75 x 15	Ø 700	100 x 20	Ø 1000	125 x 25	Ø 1250	150 x 25	Ø 1400
9		40 x 12	Ø 300	50 x 12	Ø 450	63 x 16	Ø 400	75 x 20	Ø 500	100 x 25	Ø 650	125 x 35	Ø 800	150 x 50	Ø 1000	200 x 40	Ø 1500
10		20 x 20	Ø 300	22 x 22	Ø 400	25 x 25	Ø 300	32 x 32	Ø 400	45 x 45	Ø 500	50 x 50	Ø 750	63 x 63	Ø 800	75 x 75	Ø 1200
11		Ø 22	Ø 220	Ø 22	Ø 350	Ø 25	Ø 300	Ø 32	Ø 380	Ø 45	Ø 550	Ø 50	Ø 750	Ø 63	Ø 900	Ø 75	Ø 1200
12		30 x 1.5	Ø 400	40 x 1.5	Ø 450	50 x 1.5	Ø 500	60 x 2	Ø 600	75 x 2	Ø 1500	100 x 3	Ø 2800	125 x 4	Ø 3000	150 x 5	Ø 5000
13		30.5 x 2.3	Ø 400	40.4 x 2.3	Ø 450	42.4 x 3.5	Ø 450	48.3 x 4	Ø 500	63 x 4.5	Ø 750	75 x 5	Ø 1200	100 x 5	Ø 1600	150 x 6	Ø 2200
14		30 x 20 x 2		35 x 20 x 2		40 x 25 x 2		60 x 25 x 3		80 x 40 x 4		120 x 50 x 4		140 x 50 x 5		180 x 70 x 8	
15		25 x 25 x 2		30 x 30 x 2		35 x 35 x 2		45 x 45 x 3		60 x 60 x 4		80 x 80 x 5		90 x 90 x 6		100 x 100 x 8	
16			100 x 50	Ø 1000	125 x 75	Ø 1200	150 x 80	Ø 2200
17			100 x 50	x 2200	125 x 65	x 2800	150 x 80	x 5000
18			100 x 50	x 2200	125 x 75	x 2600	150 x 80	x 4000
TOTAL POWER	MOTORIZED BOTTOM ROLL ADJUSTMENT	4 H.P.		4 H.P.		5 H.P.		5 H.P.		7 H.P.		15 H.P.		25 H.P.		40 H.P.	

STANDARD EQUIPMENT : [A] Three power rolls [only one set of standard roll, suitable/ required by the customer is supplied with the machine] [B] Side guide roll. [C] Hand operated push button type movable control switch / desk.

[1] Capacity : mild steel of tensile strength 42 kg./mm² [2] All dimension are in mm. [3] Minimum diameter obtainable with profiles are reduced dimension, not less than 1.5 times roll dia. [4] Capacity not mention in above data table are available on request or demand. [5] We reserve the right to modify the design, system, construction, dimension, weight, HP, Hydraulic Tonnage & any other specification of our machine without any prior notice for better performance of machine.