

*Godson Ultimate Bending Solutions*

An ISO 9001 : 2008 Certified Company

®

## HORIZONTAL PIPE & TUBE BENDING MACHINE

# GODSON



**MECHANICAL  
VERSION**



**HYDRAULIC  
VERSION**



®

## GODSON

**Godson bending systems pvt. ltd.**

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**CRISIL  
RATINGS**





# *SemiAutomatic* Horizontal Pipe & Tube Bending Machine

'**GODSON**' introduces series of light duty/heavy duty mechanical / hydraulic operated tube bending machine.for various applications like furniture, two wheeler - automobile accessories & seat frams, decorative items, crash guards, Hydraulic piping, chemical and process tubes &electrical appliances. Heat exchanger concentric tubes. Machine is suitable for Farous - Non farous material like M.S., S.S., Alluminium, Copper, Brass & others. These machines are very compact and robust in design and useful for mass production

## TECHNICAL SPECIFICATION

MODEL NO.	GPTB 20	GPTB 20 - Hyd.	GPTB 50	GPTB 50 - Hyd.
Tube OD x thickness	32 x 2 m.m.	38 m.m x 2.5 m.m	38 x 6 m.m.	50 x 2.5 m.m
Square Tube	30 x 30 x 3 m.m.	30 x 30 x 3 m.m	40 x 40 3 m.m.	40 x 40 m.m x 3
Rectangular Tube	30 x 35 x 3 m.m.	30 x 35 x 3 m.m	30 x 35 x 4 m.m.	30 x 35 x 4 m.m
Higher radius	on request	on request	on request	on request
Minimum radius possible	2.5 D (D=Tube Dia)	2.5 D (D=Tube Dia)	2.5 D (D=Tube Dia)	2.5 D (D=Tube Dia)
Bend angle	5 to 180° degrees	5 to 180° Degree	5 to 180° degrees	5 to 180 Degree
Bending speed	4 rpm	3.5 RPM Approx	4 rpm	3.5 RPM Approx
Bending direction	Clockwise & Anticlockwise	Clockwise & Anticlockwise	Clockwise & Anticlockwise	Clockwise & Anticlockwise
Bend accuracy	± 1°	± 0.5°	± 1°	± 0.5°
Tube indexing	Manual	Manual	Manual	Manual
Tube positioning	With suitable fixturing	With suitable fixturing	With suitable fixturing	With suitable fixturing
Length setting	With mechanical stopper	With mechanical stopper	With mechanical stopper	With mechanical stopper
Tube holding controls	Manual or vice Semi automatic with Dog setting for angle	Manual of vice Semi automatic with Dog setting for angle	Manual or vice Semi automatic with Dog setting for angle	Manual of vice Semi automatic with Dog setting for angle
Production rate (approx.)	600 Bends / shift	600 Bends / Shift	600 Bends / shift	600 Bends / Shift
Weight	500 Kg. Approx.	400 Kg Approx	600 Kg. Approx.	450 to 500 Kgs.
Size	700 W x 600 D x 1000 H	1780 L x 410 D x 1050 H 460 x 460 x 760	700 W x 600 D x 1000 H	1780 L x 460 D x 1100 H
Oil	2 HP	3 HP	5 HP	5 HP
	—	70 Ltr. ( 68 No.)	—	120 Ltr. ( 68 No.)

[1] Capacity : mild steel of tensile strength 42 kg./mm<sup>2</sup>

[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, Speed, Ratio, & any other specification of our machine without any prior notice for better performance of machine.