



MASKTM
HYDRAULIC MACHINERIES
A TECHNOLOGY FOR RECYCLE



ADVANCED TECHNOLOGY

FOR RECYCLING

Mask Hydraulic Machineries is a pioneer in the manufacturing of recycling equipment in India, offering advanced baling solutions for various forms of garbage.



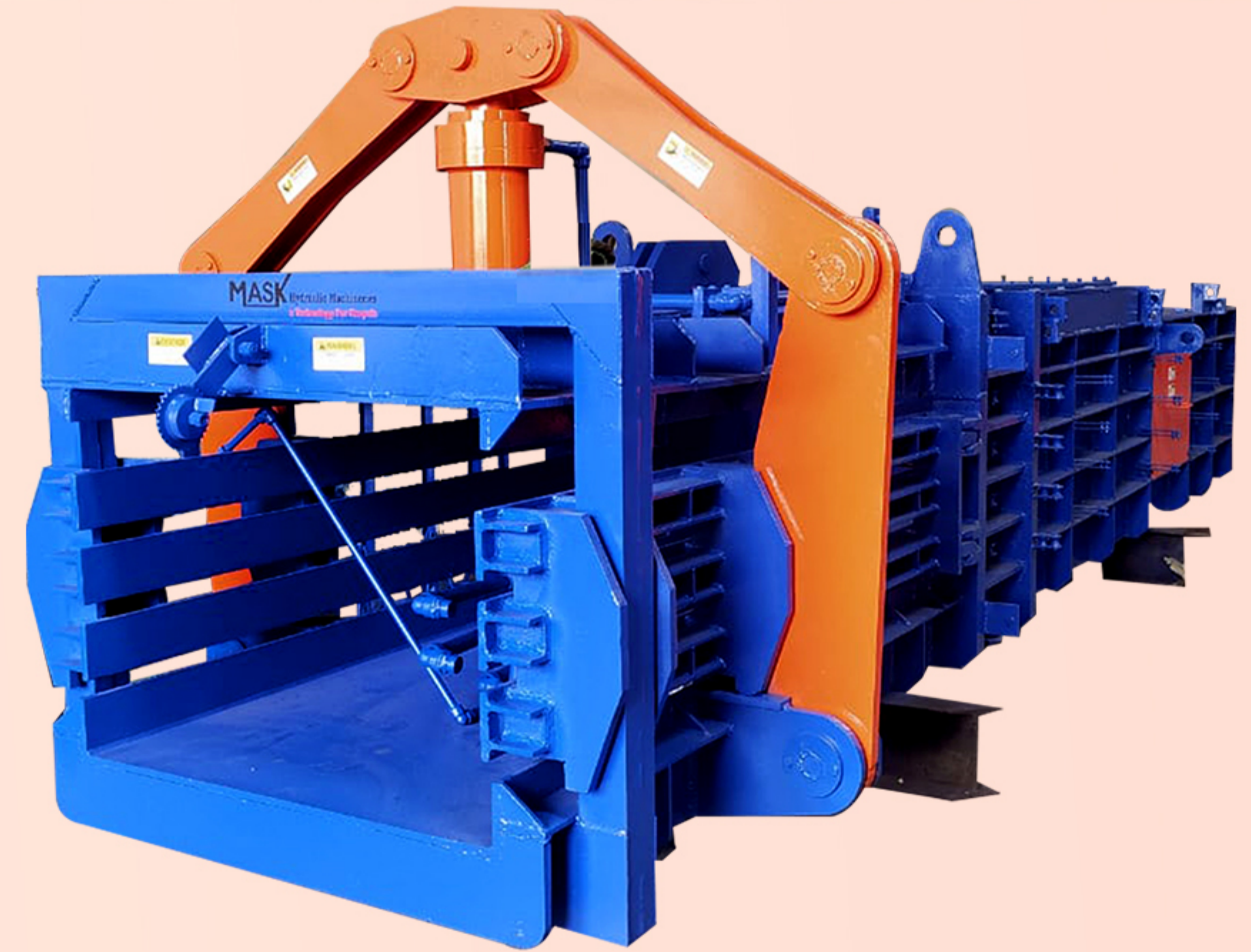
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FULLY AUTOMATIC TOP FORCE AUTO TIE HORIZONTAL BALER

Mask Hydraulic Machineries fully automatic horizontal baler is for facilities who want efficient, automatic baling of a variety of materials (from cardboard and paper to packing material and fibers). The key features include fully automatic feeding, compressing, wire threading, wire twisting, tying, wire cutting, and bale ejecting. This makes it a workhorse, capable of large scale recycling without the need for excessive labor.



The electrical functions are controlled by a PLC system, which promotes uniformity and safety, making this as close to "set it and forget it" as a baler can get. It is generally used for handling middle & large volumes of recyclable material like above 1 ton per hour.

With its automatic features, this is an ideal baling machine for paper/cardboard recycling facilities, carton manufacturers, large printing facilities, paper scrap traders, fiber traders, hay exporters, MRF plants, RDF plant, and distribution centers.

Baling Applications:

- Cardboard (OCC)
- Paper
- Newspaper
- Cartons
- Biomass
- Natural Fibers
- Hay/Straw
- Film
- PET Bottles
- And Other Packing Materials.

FEATURES OF MACHINE

<ul style="list-style-type: none"> • PLC Control System automates the operation and promotes accuracy 	<ul style="list-style-type: none"> • Fully Automatic Operation System enables automatic compressing, strapping, wire cutting, and bale ejecting. This is a very efficient machine in terms of labor
<ul style="list-style-type: none"> • Touch Screen for convenient operation, as well as setting & reading parameters 	<ul style="list-style-type: none"> • Horizontal Cutter on Feeding Aperture for cutting off the excessive material to prevent it from getting stuck at the feeding aperture
<ul style="list-style-type: none"> • Adjustable Bale Length for meeting different bale size/ weight requirements 	<ul style="list-style-type: none"> • Cyclone Feeding Device for extracting material of small shreds into the baler
<ul style="list-style-type: none"> • One Button Operation makes compressing, strapping, cutting wires, and bale ejecting as a continuous process, facilitating operation convenience & efficiency 	



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MACHINE SPECIFICATIONS

MODELS	TFATHB 500	TFATHB 1000	TFATHB 1000	TFATHB 1250
COMPRESSING FORCE IN TON	50 TON	100 TON	100TON	125TON
COMPRESSION CHAMBER SIZE (L X W X H)	2200 X 720 X 800 (88" X 28" X 32")	2600 X 1100 X 800 (104" X 44" X 32")	2600 X 1100 X 1000 (104" X 44" X 40")	2600 X 1250 X 1100 (104" X 50" X 44")
BALE SIZE(MM) (L X W X H) MM	2100-2000 X 720 X 800(84"-80" X 28" X 32")	2400-2000 X 1100 X 800(96"-80" X 44" X 32")	2400-2000 X 1100 X 1000(96"-80" X 48" X 40")	2400-2000 X 1250 X 1100(96"-80" X 50" X 44")
NO OF CYLINDERS	MAIN CYLINDER 1	MAIN CYLINDER 1	MAIN CYLINDER 1	MAIN CYLINDER 1
	COMPRESSION CYLINDER 1	COMPRESSION CYLINDER 1	COMPRESSION CYLINDEER 1	COMPRESSION CYLINDER 1
	CUTTING CYLINDER 1	CUTTING CYLINDER 1	CUTTING CYLINDER 1	CUTTING CYLINDER 1
	FORK CYLINDER 1	FORK CYLINDER 1	FORK CYLINDER 1	FORK CYLINDER 1
BODY	FABRICATED	FABRICATED	FABRICATED	FABRICATED
FEED OPENING(MM)	1500 X 720(60" X28")	2000 X 1100(80" X 44")	2000 X 1100(80" X 44")	2000 X 1250 (80" X 50")
ELECTRIC MOTOR	30 HP 1440 RPM MAIN MOTOR	50 HP 1440 RPM MAIN MOTOR	60 HP 1440 RPM MAIN MOTOR	60 HP 1440 RPM MAIN MOTOR
	5 HP 1440 RPM CONVEYOR MOTOR	5 HP 1440 RPM CONVEYOR MOTOR	5 HP 1440 RPM CONVEYOR MOTOR	5 HP 1440 RPM CONVEYOR MOTOR
	5 HP 1440 FORK AND TWISTER MOTOR	5 HP 1440 FORK AND TWISTER MOTOR	5 HP 1440 FORK AND TWISTER MOTOR	5 HP 1440 FORK AND TWISTER MOTOR
OIL DRIVE	DOUBLE VANE PUMP SYSTEM	DOUBLE VANE PUMP SYSTEM	DOUBLE VANE PUMP SYSTEM	DOUBLE VANE PUMP SYSTEM
OPERATION	FULLY AUTOMATIC PLC OPERATED	FULLY AUTOMATIC PLC OPERATED	FULLY AUTOMATIC PLC OPERATED	FULLY AUTOMATIC PLC OPERATED
WEIGHT OF MACHINE (KG)	8000 KG ± 5%	16000 KG ± 5%	17000 KG ± 5%	18000 KG ± 5%
WEIGHT OF CONVEYOR (KG)	3000 KG	5000 KG	5000 KG	5000 KG
BALE WEIGHT (FOR OCC)	500 - 600 KG	850-1000 KG	1100-1250 KG	1300-1600 KG
OUTPUT	2 - 3 TONS / HOUR(DEPENDS ON MATERIAL)	8 - 10 TONS / HOUR(DEPENDS ON MATERIAL)	9 - 11TONS / HOUR(DEPENDS ON MATERIAL)	12 - 13TONS / HOUR(DEPENDS ON MATERIAL)
MAIN CYLINDER(ID X OD X ROD)(MM)	200 MM X 245MM X 150MM	220MM X 275MM X 160MM	250MM X 300MM X 180MM	250MM X 300MM X180MM
FRONT COMPRESSION CYLINDER	140MM X165MM X80MM	160MM X190MM X100MM	160MM X190MM X 100MM	180MM X 210MM X 120MM
CUTTING CYLINDER(ID X OD X ROD)(MM)	80MMX 92MM X 50MM	80 MMX 92MM X 50MM	80MM X 92MM X 50MM	80MM X 92MM X 50MM
FORK CYLINDER(ID X OD X ROD)(MM)	100MM X 120MMX 70MM	100MM X 120MMX 70MM	100MM X 120MMX 70MM	100MM X 120MMX 70MM
MATERIAL TO BE BALED	CARDBOARD, PAPER, DUPLEX,PAPER TRIM ETC.	CARDBOARD, PAPER, DUPLEX,PAPER TRIM ETC.	CARDBOARD, PAPER, DUPLEX,PAPER TRIM ETC.	CARDBOARD, PAPER, DUPLEX,PAPER TRIM ETC.
OIL TANK	1000 LITRES	1500 LITRES	1800 LITRES	2000 LITRES
HYDRAULIC OIL	HYDRO ENCL0 68 (IN CUSTOMER SCOPE)	HYDRO ENCL0 68 (IN CUSTOMER SCOPE)	HYDRO ENCL0 68 (IN CUSTOMER SCOPE)	HYDRO ENCL0 68 (IN CUSTOMER SCOPE)
HYDRAULIC PRESSURE	3045 PSI	3045 PSI	3045 PSI	3045 PSI
CYCLE TIME	5 - 8 MIN / BALE	5 - 8 MIN / BALE	5 - 8 MIN / BALE	5 - 8 MIN / BALE
NO OF TYING	3	4	5	5
STEEL WIRE SIZE	10-12# IRON WIRE	10-12# IRON WIRE	10-12# IRON WIRE	10-12# IRON WIRE
METAL CONVEYOR (L X W)	1.5 METER X 10 METER	2 METER X 10 METER	2 METER X 10 METER	2 METER X 10 METER
BETL TYPE	METAL	METAL	METAL	METAL
CHAIN LINK (L X T)	4" X 6 MM	6" X 8 MM	6" X 8 MM	6" X 8 MM
CHAIN SPROCKET	4 NUMBERS	4 NUMBERS	4 NUMBERS	4 NUMBERS
LUBRICATION PUMP	PROVIDED	PROVIDED	PROVIDED	PROVIDED
CONVEYOR GEAR BOX WITH VFD	PROVIDED	PROVIDED	PROVIDED	PROVIDED
OIL COOLING SYSTEM	2 TON A/C WITH OIL CHILLER	3 TON A/C WITH OIL CHILLER	3 TON A/C WITH OIL CHILLER	3 TON A/C WITH OIL CHILLER



OUR CORE VALUES

MHM has always prioritized value. These values continue to guide MHM's growth and operations. Our five core values are integrity to conduct business fairly, understanding, excellence, unity, and responsibility. We are committed to doing the ideal thing for our clients, our employees, our partners, and our planet.

We Help You Grow
YOUR BUSINESS

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