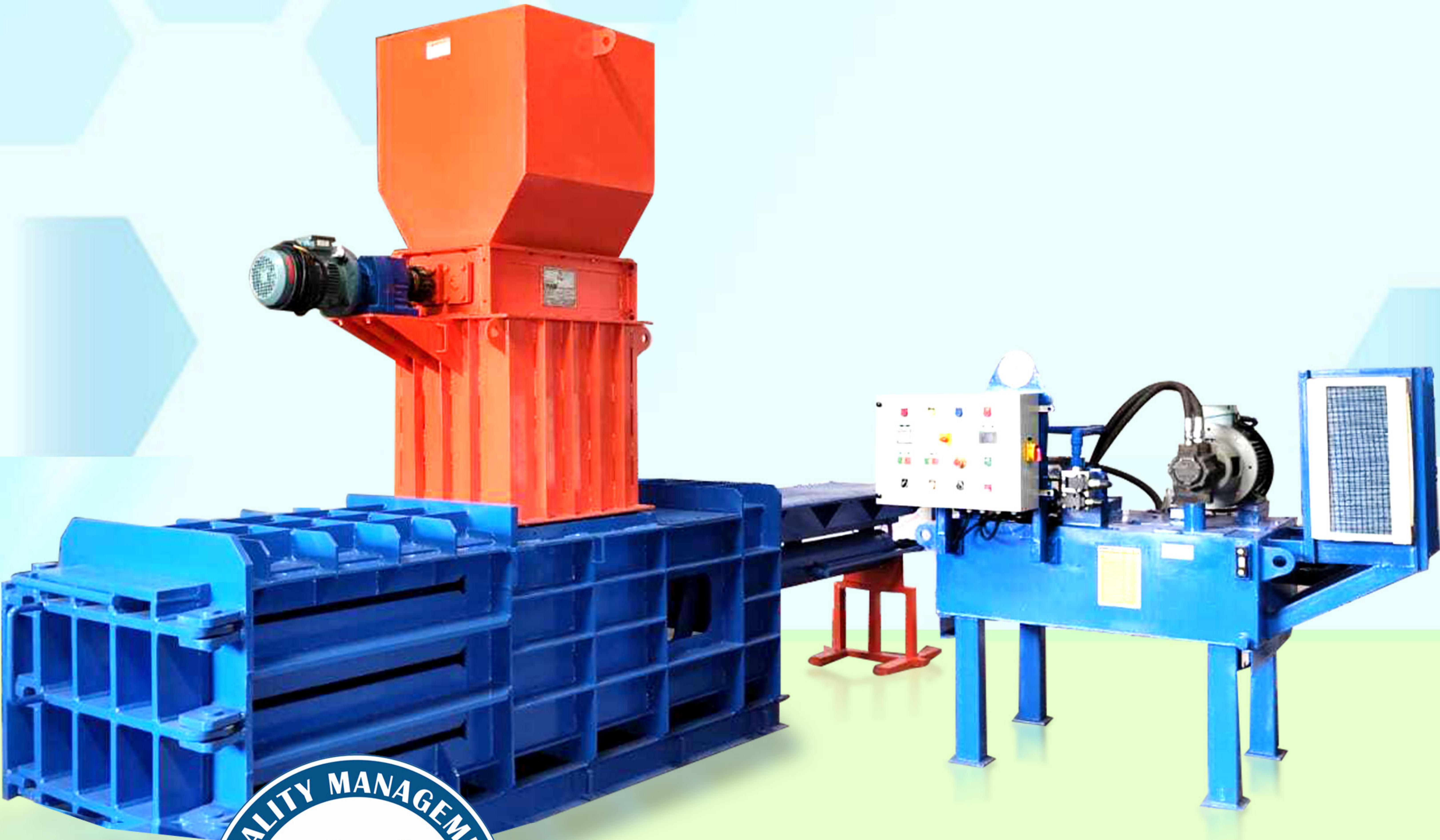




MASKTM
HYDRAULIC MACHINERIES
A TECHNOLOGY FOR RECYCLE



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.



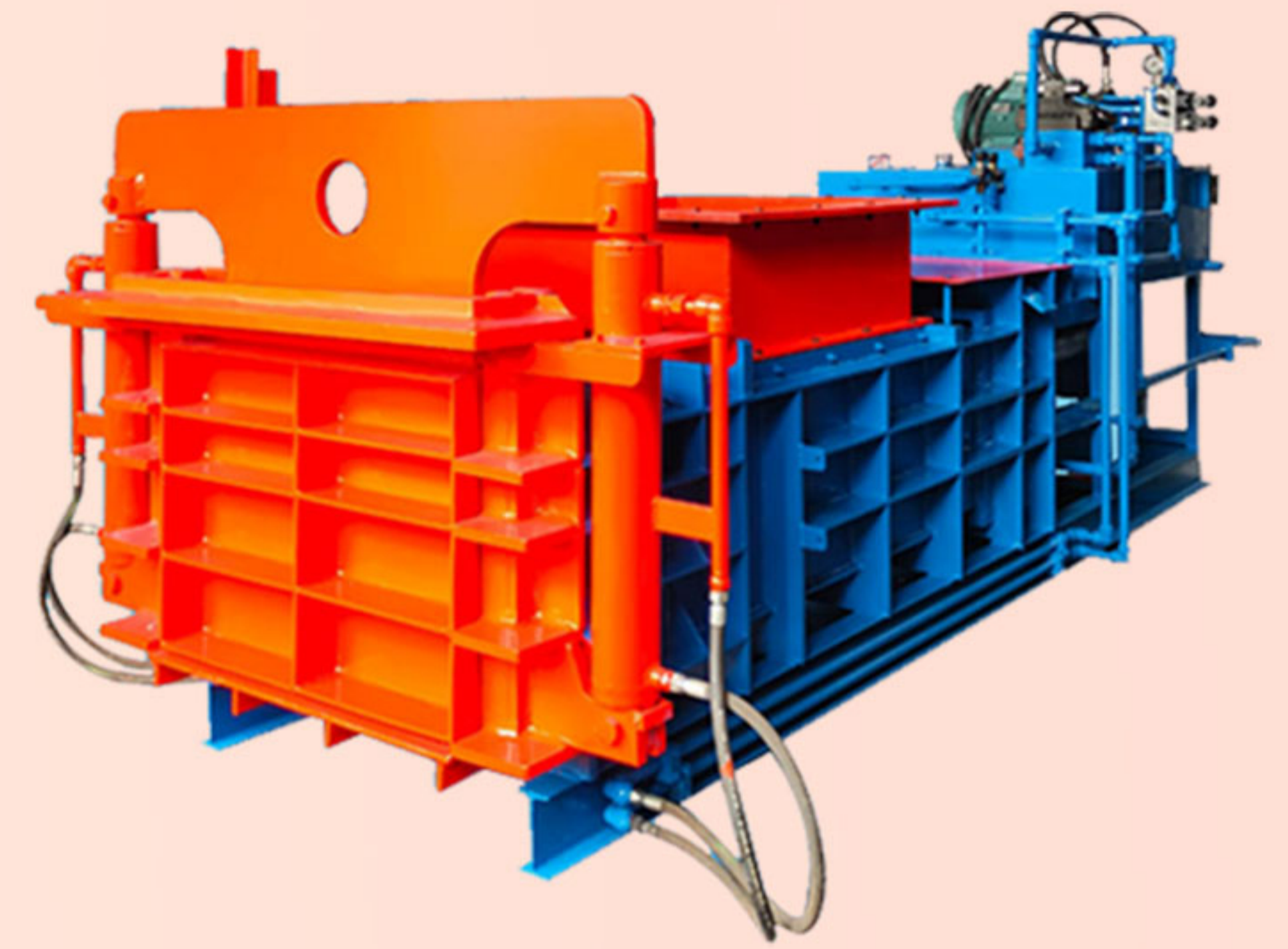
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SEMI AUTOMATIC MANUAL TIE HORIZONTAL BALER

Manual-tie horizontal balers from Mask Hydraulic Machineries, also known as semi-automatic horizontal balers, are used for pressing various material including both solid material and hollow plastic material. They are widely used in a variety of facilities, such as paper/cardboard recycling facilities, carton manufacturers, printing facilities, textile waste recycling installations, distribution centers, PET bottle recycling plants, fiber processing facilities and packaging factories.



This machine is a good choice for facilities that handle no more than 3.5 tons volume of waste per hour. Except for manual tying, all other processes are automatic such as material feeding with a conveyor, compressing, bale outlet door opening and closing, and bale ejecting.

Baling Applications:

- Cardboard
- Paper
- Textile waste
- Packing material
- Disposable plastic tableware
- PET bottles
- PP/HDPE containers
- Film
- Fiber

FEATURES OF MACHINE

<ul style="list-style-type: none"> • Electric Controlled for easy operation, simply by operating on buttons and switches to fulfill platen moving and bale ejecting 	<ul style="list-style-type: none"> • Hydraulic-driven Exit Door can automatically lifting up to let the bales come out, which promotes operation efficiency and maximize output
<ul style="list-style-type: none"> • Automatic Bale Ejecting System for efficient bale ejecting by simply pressing a button 	<ul style="list-style-type: none"> • Close-end Design ensures very dense bales especially for baling hollow products
<ul style="list-style-type: none"> • Bale Exit Island for receiving bales ejected from the machine and allowing bales to be easily removed with forklift 	<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"> • Cyclone Feeding Device for extracting material of small shreds into the baler 	<ul style="list-style-type: none"> • PLC Control System automates the operation and promotes accuracy
<ul style="list-style-type: none"> • Automatic Feeding Conveyor is Optional for achieving continuous & automatic material feeding to maximize throughput and save labor. The conveyor can automatically start or stop according to material level in hopper. 	<ul style="list-style-type: none"> • Cooling System is Optional for cooling down the temperature of the hydraulic oil, which protects the machine in high ambient temperature. Either air-cooling or water-cooling is available



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MACHINE SPECIFICATIONS

MODEL	MTHB250	MTHB 600	MTHB 800	MTHB 1000	MTHB 1500
COMPRESSING FORCE	25 TON	60 TON	80 TON	100 TON	150 TON
COMPRESSION CHAMBER SIZE (L X W X H)	1600 MM X 700 MM X 500 MM	2000 MM X 900 MM X 660 MM	1950 MM X 1100 MM X 800 MM	2200 MM X 1100 MM X 1000 MM	2200 MM X 1250 MM X 1100 MM
BALE SIZE(MM) (L X W X H) INCH	600MM-750MM X 700MM X 500MM (24"-30"X28"X20")	750MM-900MM X 900MM X 660MM (30"-36"X36"X26")	750MM-850MM X 1100MM X 800MM (30"-34"X44"X32")	750MM-1000MM X 1100MM X 1000MM (30"-40"X44"X40")	800MM-1000MM X 1250MM X 1100MM (32"-40"X50"X44")
NO. OF CYLINDERS	3 (ONE FOR PRESSING & TWO FOR DOOR OPENING)	3 (ONE FOR PRESSING & TWO FOR DOOR OPENING)	3 (ONE FOR PRESSING & TWO FOR DOOR OPENING)	3 (ONE FOR PRESSING & TWO FOR DOOR OPENING)	3 (ONE FOR PRESSING & TWO FOR DOOR OPENING)
BODY	FABRICATED	FABRICATED	FABRICATED	FABRICATED	FABRICATED
FEED OPENING (MM)	700MM X 650MM (28" X 26")	900MM X 900MM (36" X 36")	1000MM X 850MM (40" X 34")	1100MM X 1000MM (44" X 40")	1250MM X 1000MM (50" X 40")
ELECTRIC MOTOR	5 HP 3 PHASE ON 1440 RPM	12.5 H.P 3 PHASE ON 1440 RPM	20 H.P 3 PHASE ON 1440 RPM	25 H.P 3 PHASE ON 1440 RPM	30 H.P 3 PHASE ON 1440 RPM
OIL DRIVE	DOUBLE VANE PUMP	DOUBLE VANE PUMP	DOUBLE VANE PUMP	DOUBLE VANE PUMP	DOUBLE VANE PUMP
OPERATION	HAND LEVER/PLC	HAND LEVER/PLC	HAND LEVER/PLC	HAND LEVER/PLC	HAND LEVER/PLC
WORKING FLUID	HYDRO ENCL0 68	HYDRO ENCL0 68	HYDRO ENCL0 68	HYDRO ENCL0 68	HYDRO ENCL0 68
WEIGHT OF MACHINE (KG)	1600 KG ± 5%	3250 KG ± 5%	5000 KG ± 5%	7000 KG ± 5%	9000 KG ± 5%
BALE WEIGHT (FOR OCC)	100 - 120 KG	200 - 250 KG	300 - 350 KG	350 - 500 KG	500 - 625 KG
MAIN CYLINDER(B X R X S)(MM)	Ø140MM X Ø80MM X 1600 MM	Ø170MM X Ø110MM X 2000 MM	Ø180MM X Ø120MM X 1950 MM	Ø220MM X Ø160MM X 2200 MM	Ø250MM X Ø180MM X 2200 MM
DOOR CYLINDER(B X R X S)(MM)	Ø80MM X Ø50MM	Ø80MM X Ø50MM	Ø80MM X Ø50MM	Ø100MM X Ø63MM	Ø100MM X Ø63MM
MATERIAL TO BE BALED	OCC, CARTONS, PAPER TRIMS,WRAPPERS	OCC, CARTONS, PAPER TRIMS,WRAPPERS	OCC, CARTONS, PAPER TRIMS,WRAPPERS	OCC, CARTONS, PAPER TRIMS,WRAPPERS	OCC, CARTONS, PAPER TRIMS,WRAPPERS
OIL TANK	200 LITERS (IN CUSTOMER SCOPE)	400 LITERS (IN CUSTOMER SCOPE)	600 LITERS (IN CUSTOMER SCOPE)	800 LITERS (IN CUSTOMER SCOPE)	800 LITERS (IN CUSTOMER SCOPE)
HYDRAULIC PRESSURE	3000 PSI	3000 PSI	3000 PSI	3000 PSI	3000 PSI
NO. OF BALES / HOUR	3 TO 4	3 TO 4	3 TO 4	3 TO 4	3 TO 4
NO. OF BELTS	2	3	3	4	4
FRONT DOOR OPENING	SHOCK ABSORBING MECHNICAL LOCK	SHOCK ABSORBING MECHNICAL LOCK	SHOCK ABSORBING MECHNICAL LOCK	SHOCK ABSORBING MECHNICAL LOCK	SHOCK ABSORBING MECHNICAL LOCK
EJECTION OF BALE	BY MAIN CYLINDER	BY MAIN CYLINDER	BY MAIN CYLINDER	BY MAIN CYLINDER	BY MAIN CYLINDER





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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