



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.



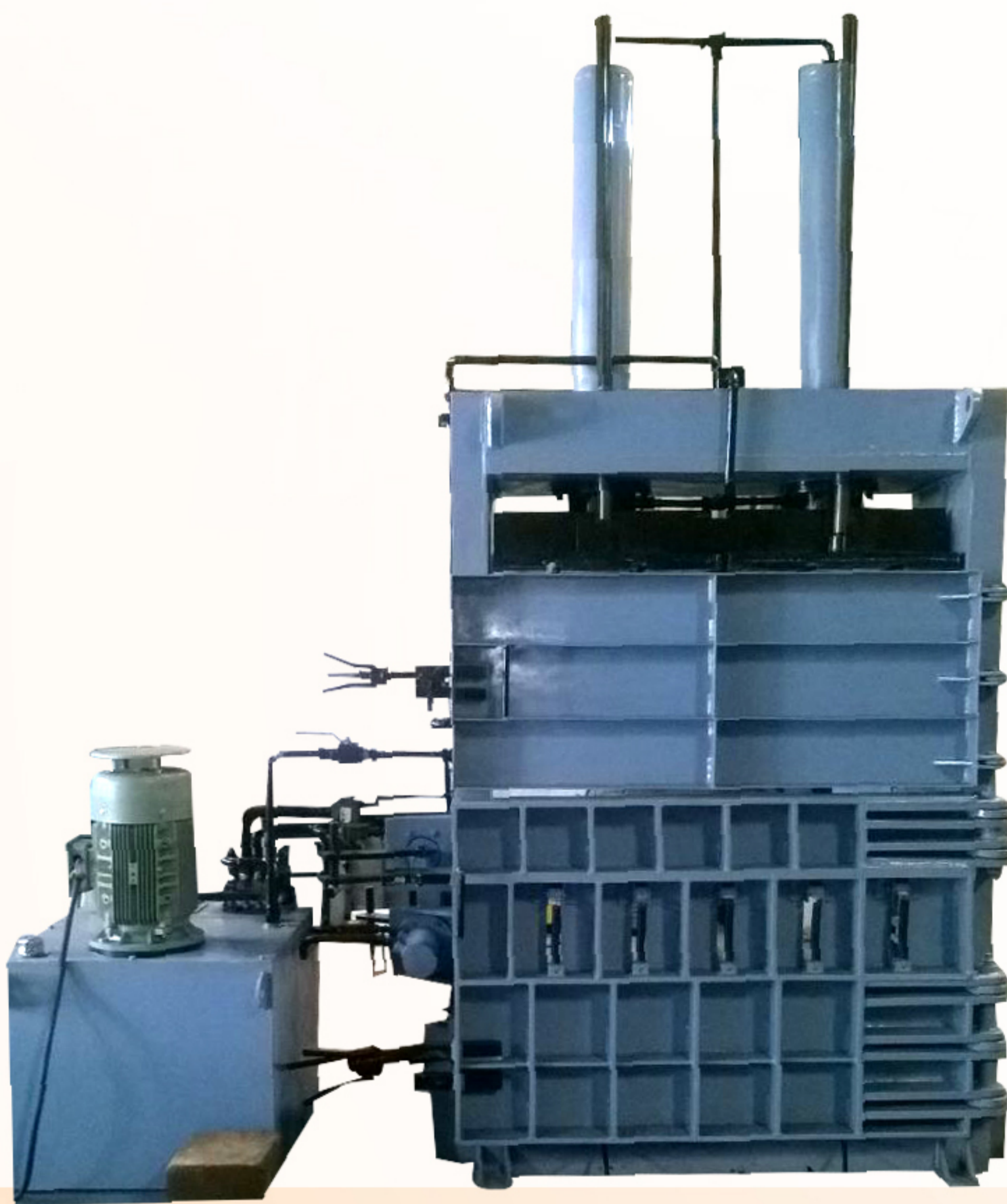
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TYRE BALER

Tyre Baler from Mask Hydraulic Machineries is a heavy-duty vertical baling machine used for compacting material with high rebound force into dense bales (What do we mean by "high rebound" material? Exactly what you think we mean tyres. In short, baling tyres requires a baling machine that is strong enough to offset the rebound properties of the rubber that makes up these items). These Tyre Bales are then converted into a comparatively new construction material used for oil refining, road foundations, lightweight embankment filler, drainage layers, landscaping initiatives and other civil engineering applications.



Tyre Baler is a must-have piece of recycling equipment for scrap tyre dealers and tyre-recycling facilities this is because this vertical baler saves storage & transportation space and increases your revenue, and also because it increases the efficiency of your recycled loads. With our equipment (let's take model TB-1200 Standard as an example), it takes 9 strokes to produce one bale containing approx. 120-140 car tyres in a 12:1 compressing ratio and weighing up to 1200kgs(2640lbs). That's efficient. To meet the demand of some clients who are looking for longer lifespan and higher operation efficiency, we have optimized models for your options, which are with upgraded hydraulic system and machine structure.

Baling Applications:

- Car Tyres
- Light Truck Tyres
- Heavy Truck Tyres
- Bicycle Tyres
- Motorcycle Tyres.

FEATURES OF MACHINE

- | | |
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| • Chain Bale Ejector
for easy and efficient bale ejecting with the lifting up of the chain | • Front & Back Chamber Doors Structure
for convenient strapping and bale ejecting |
| • Retractable Retainer Claws
prevents the compacted tyres from springing back | • Hydraulic-driven Chamber Doors
ensures operational safety and easy opening & closing |
| • Two Split Platens with Movable Link
protects the platens from being distorted under the situation of uneven material loading | |

More Features For Optimized Models:

- | | |
|---|---|
| • Industry Leading Cycle Time 39 seconds instead of standard 49 seconds for superior productivity | • Double Oil Filtration System at Oil Inlet and Outlet
for dual protection and trouble-free oil flow, prolonging the lifespan of the hydraulic system |
| • Sustained air-cooling for a High-Fidelity Hydraulics
with oil viscosity maintained at optimal levels, this energy efficient air-cooling system protects the hydraulic system from premature fatiguing. Less wear on the seals and rings means tighter bales and less maintenance cost | |



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MACHINE SPECIFICATIONS

MODELS	TB 500	TB 1200
PRESSING CAPACITY	50 TON	120 TON
BALE SIZE (L X W X H) MM, INCH	1500 X 750 X T (60" X 30" X T")	1500 X 900 X T (60" X 36" X T")
WEIGHT OF BALE (TYRES)	500 KG	1000 KG
BODY	FABRICATED	FABRICATED
BALING CHAMBER SIZE MM, INCH	1500 X 750 X 1800 (60" X 30" X 72")	1500 X 900 X 2100 (60" X 36" X 84")
FEED OPENING MM, INCH	1500 X 700 (60" X 28")	1500 X 750 (60" X 30")
PLATFORM SIZE MM, INCH	1500 X 750 (60" X 30")	1500 X 900 (60" X 36")
EJECTION OF BALE	BY CHAIN LEVER ATTACHMENT	BY CHAIN LEVER ATTACHMENT
NO OF CYLINDER	4 (2 FOR PRESSING & 2 FOR DOOR LOCKING)	4 (2 FOR PRESSING & 2 FOR DOOR LOCKING)
MAIN CYLINDER (BORE X ROD X STR) MM	2 X (Ø150 X Ø90 X 1300)	2 X (Ø200 X Ø140 X 1700)
NO OF BELTS / SLOTS	5 BELTS	5 BELTS
OPERATION	ELECTRICALLY BY PUSH BUTTON OPERATED	ELECTRICALLY BY PUSH BUTTON OPERATED
ELECTRIC MOTOR	10 HP 3 PHASE 1440 RPM	20 HP 3 PHASE 1440 RPM
OIL DRIVE	DOUBLE VANE PUMP	DOUBLE VANE PUMP
OIL TANK	400 LITER	600 LITER
WORKING FLUID	HYDRO ENCL0 68	HYDRO ENCL0 68
MAXIMUM WORKING PRESSURE	20 MPA (3000 PSI)	20 MPA (3000 PSI)
CYCLE TIME	57 SEC	60 - 70 SEC
MACHINE WEIGHT	4700 KG ± 5%	6500 KG ± 5%





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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