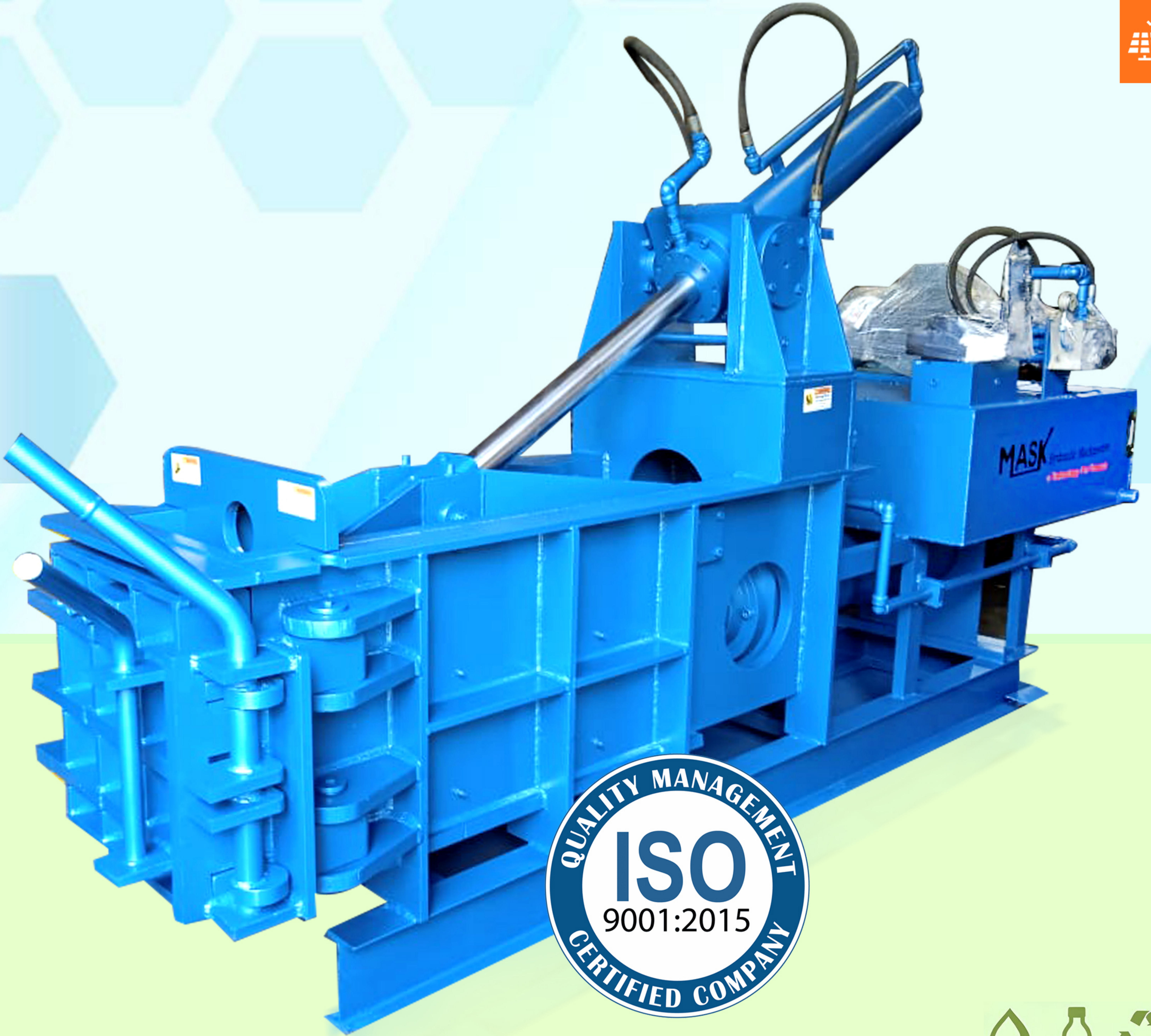




MASKTM
HYDRAULIC MACHINERIES
A TECHNOLOGY FOR RECYCLE



ADVANCED TECHNOLOGY

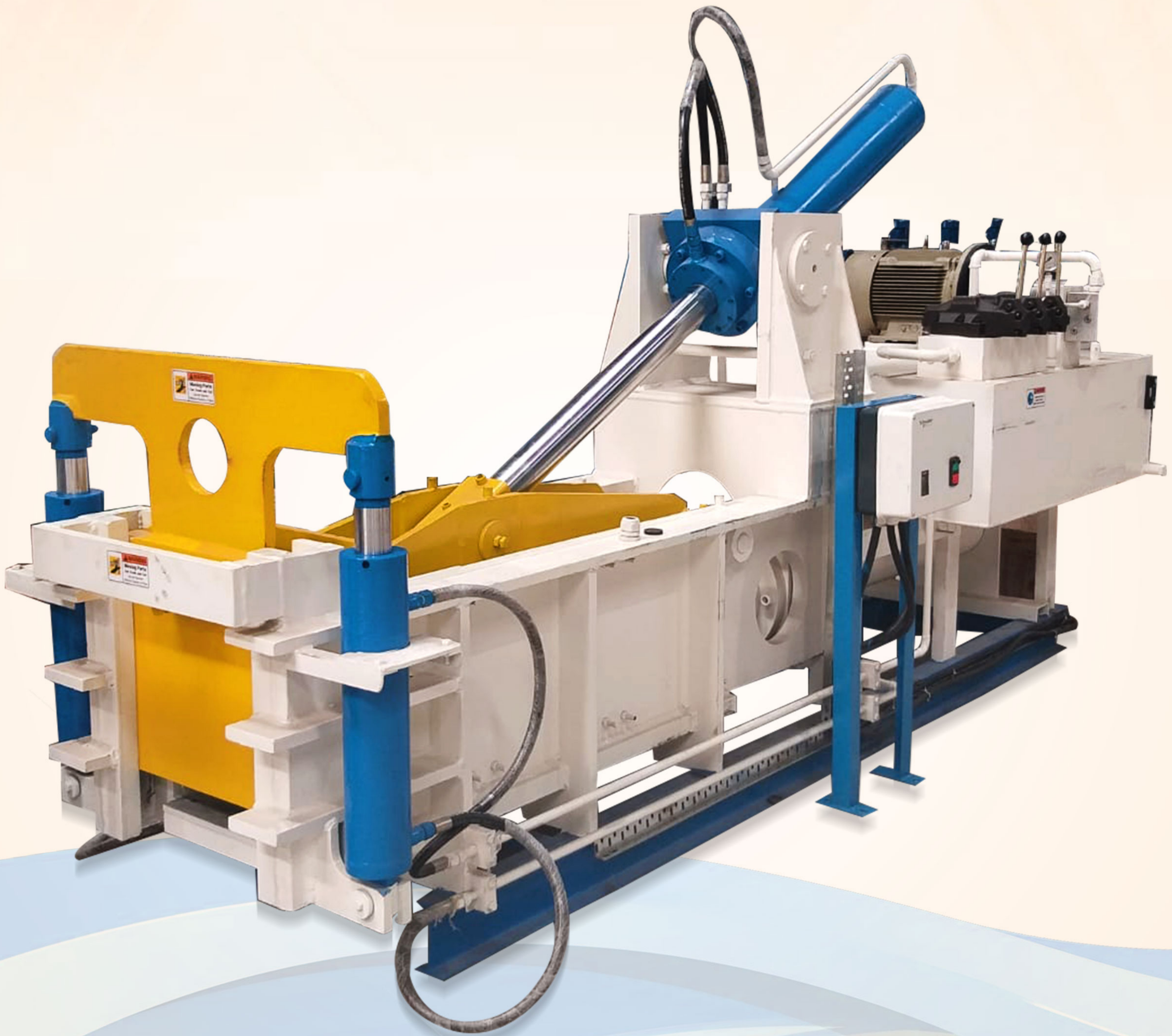


FOR RECYCLING

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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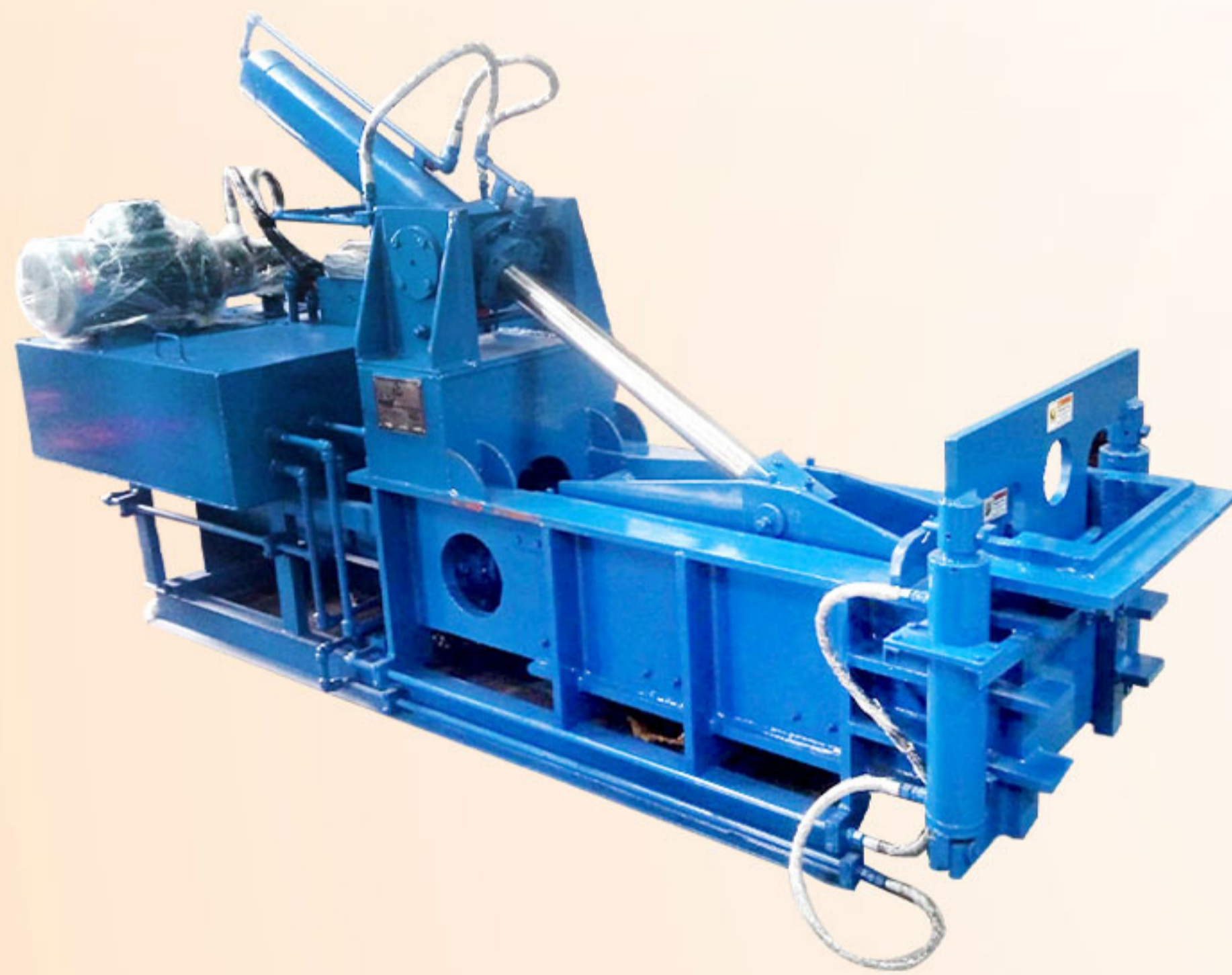
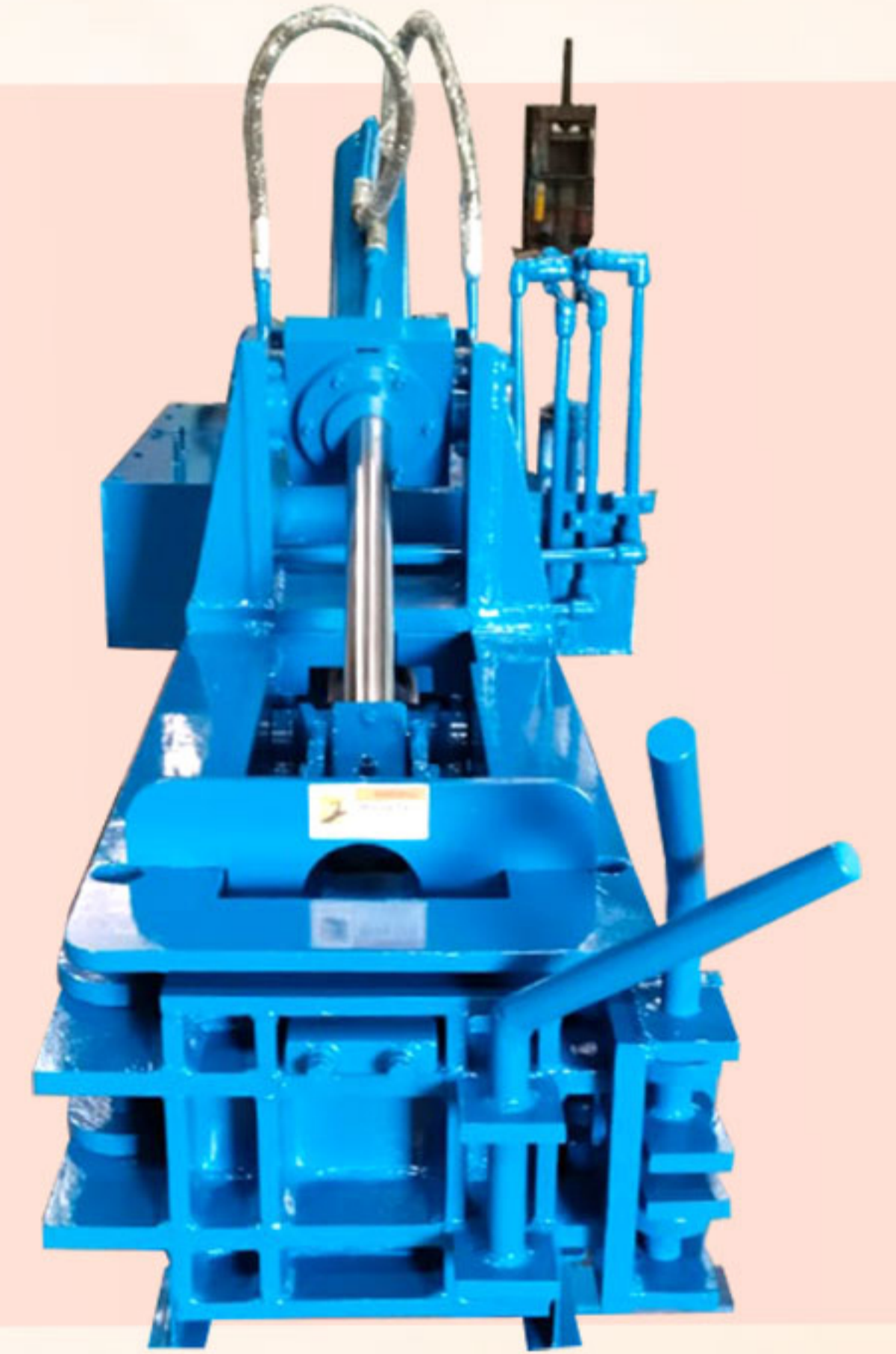




SCRAP METAL BALER DOUBLE ACTION

Double Compression Metal Scrap Baling Press Machine mainly compress light scrap metal such as waste cans tins, stainless steel scrap, copper scrap, various metal shavings, waste aluminum profiles, aluminum chips, non-ferrous and ferrous metal scrap etc...

The DOUBLE metal scrap baling press machine mainly used in steel manufacturer and many waste disposal recycling center, it is composed of three sections: hydraulic system, electrical system, main frame, automatic PLC control or manual control, more optional choice for you, can compress many materials such as metal scrap, aluminum scrap, stainless scrap, copper scrap, all kinds of ferrous and non-ferrous metals etc.



Working Principle: The metal scrap is put into the box chamber by grabber or other tools, then the lid of the baler machine is closed, and the main cylinder press the scrap metal to the limit of the side cylinder, then the locking door cylinder start to lift the door to limit of the waste cans tins baling press machine, the ejector cylinder will lift the bale upwards, at last, every cylinder back to initial position, the bale cycle is finished totally.

Baling Applications:

- Aluminum UBC Cans
- Aluminum Wire Scrap
- Cooper Wire Scraps
- Copper Tube/Pipe Scrap
- Light Scrap Metal (LSM)
- Mixed Aluminum Scrap
- Scrap Rebar Waste Steel Wire
- Stainless Steel Scrap

FEATURES OF MACHINE

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Highly Automated with only 2 lever operation & also available in PLC Controlled | <ul style="list-style-type: none"> • A Spring-controlled lock which locks the lid plate |
| <ul style="list-style-type: none"> • Suitable for Small quantities | <ul style="list-style-type: none"> • Replaceable Liners plate for enhanced maintenance efficiency. |
| <ul style="list-style-type: none"> • Shearing blades on the edges of the top lid and chamber are provided for shearing oversized material up to 5mm. | <ul style="list-style-type: none"> • Bale and Chamber size can be modified as per requirement |
| <ul style="list-style-type: none"> • Double Gear system for trouble-free operation. | <ul style="list-style-type: none"> • Fabricated body with quality plates. |
| <ul style="list-style-type: none"> • Auto Door Three Direction control valves, one for Lid cylinder, other to press the Scrap & third for operating the Sliding door | <ul style="list-style-type: none"> • Top Ejection Three Directional control valves, one for Lid and lock, other to press the scrap and third for ejecting the Bale out of the chamber. |



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MACHINE SPECIFICATIONS

| MODELS | ECONOMY 6" X 15" | ECONOMY 8" X 15" | ECONOMY 12" X 18" | ECONOMY 16" X 24" |
|---------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| BALING CHAMBER SIZE(INCH) (L X W X H) | 45 X 15 X 13 | 45 X 15 X 15 | 45 X 18 X 20 | 50 X 24 X 24 |
| BALE SIZE(INCH) | 6 X 15 X T | 8 X 15 X T | 12 X 18 X T | 16 X 24 X T |
| ELECTRIC MOTOR | 15 HP 3 PHASE 1440 RPM | 15 HP 3 PHASE 1440 RPM | 15 HP 3 PHASE 1440 RPM | 20HP 3 PHASE 1440 RPM |
| BODY FABRICATED | 36 MM | 36 MM | 45 MM | 45 MM |
| OIL DRIVE | DOUBLE VANE PUMP | DOUBLE VANE PUMP | DOUBLE VANE PUMP | DOUBLE VANE PUMP |
| WORKING FLUID | HYDRO ENCLLO 68 | HYDRO ENCLLO 68 | HYDRO ENCLLO 68 | HYDRO ENCLLO 68 |
| FORCE ON DOOR CYLINDER | 25 TON | 30 TON | 35 TON | 40 TON |
| FORCE ON MAIN CYLINDER | 60 TON | 70 TON | 65 TON | 100 TON |
| DOOR CYLINDER(B X R) (MM) | Ø125 X Ø70 | Ø140 X Ø80 | Ø150 X Ø90 | Ø160 X Ø100 |
| MAIN CYLINDER(B X R)(MM) | 2 X (Ø140 X Ø80) | 2 X (Ø150 X Ø90) | Ø200 X Ø150 | Ø220 X Ø160 |
| WORKING PRESSURE | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI |
| HARD LINEAR PLATES | PROVIDED HARDNESS 45 | PROVIDED HARDNESS 45 | PROVIDED HARDNESS 45 | PROVIDED HARDNESS 45 |
| SHEARING BLADES | PROVIDED | PROVIDED | PROVIDED | PROVIDED |
| MOTOR STARTER | OPTIONAL (IN CUSTOMER SCOPE) | OPTIONAL (IN CUSTOMER SCOPE) | OPTIONAL (IN CUSTOMER SCOPE) | OPTIONAL (IN CUSTOMER SCOPE) |
| OIL TANK CAPACITY | 400 LITER (IN CUSTOMER SCOPE) | 400 LITER (IN CUSTOMER SCOPE) | 400 LITER (IN CUSTOMER SCOPE) | 500 LITER (IN CUSTOMER SCOPE) |
| WEIGHT OF BALE(FERROUS SCRAP) | 20-25 KG | 20-25 KG | 35-40 KG | 65-70 KG |
| WEIGHT OF BALE(NON - FERROUS SCRAP) | 10-12 KG | 10-12 KG | 15-20 KG | 30-35 KG |
| IDLE CYCLE TIME | 60 sec | 60 sec | 60 sec | 60 sec |
| WEIGHT OF MACHINE(KG) | 3000 KG ± 5% | 3000 KG ± 5% | 3800 KG ± 5% | 5000 KG ± 5% |
| OPERATION | HAND LEVER OPERATED | HAND LEVER OPERATED | HAND LEVER OPERATED | HAND LEVER OPERATED |
| FEEDING HOPPER | OPTIONAL | OPTIONAL | OPTIONAL | OPTIONAL |
| OIL COOLING SYSTEM | OPTIONAL | OPTIONAL | OPTIONAL | OPTIONAL |





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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