



**MASK**<sup>TM</sup>  
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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# LONG STROKE BALER

This vertical hydraulic baler is designed for long stroke pressing which is perfect for pressing products like plastic bottles and aluminum cans. It is a must-have piece of equipment for any hollow plastic or can recycling facilities to compress the waste material into tight and compact bales for easy handling, storage, and transportation. One time-saving factor is that it combines baling and draining in one step. The liquid tray drainage system serves to catch fluid residues in bottles and cans (which are excreted during the crushing process).



This makes for a far neater (and safer) recycling area. In terms of pressing force and ability, our standard long stroke baler models range from 30tons to 70tons pressure force. Volume reduction ratio can reach 25:1 (this is one of the main advantages of the long-stroke - it ensures full compaction of materials like cans and bottles). These different models are with varying chamber sizes, ensuring there is a model for every business. Of course, we can work with you and set the chamber size according to your specific needs.

## Baling Applications:

- PET Bottles
- Disposable Plastic Tableware
- HDPE/PP Containers
- POP/Soda Cans

## FEATURES OF MACHINE

### • Long Stroke

for effective and full compaction of every hollow article in the bale

### • Adjustable Bale Height

for meeting different demand on bale weight and size

### • Liquid Drainage Channel

for draining residual liquid in the containers out of the baler to keep the recycling area neater and safer

### • Sliding Door is Optional

for convenient opening/closing and also reducing space occupation. When platen goes up, the door will be lifted up automatically, which promotes work efficiency and saves labor

### • Chain Bale Ejector

for easy and efficient bale ejecting with the lifting up of the chain

### • Fixed Retainer Claws

for holding the pressed material from springing back

### • Electric Controlled

for easy operation, simply by operating on buttons and switches to fulfill platen moving and bale ejecting

### • Hydraulic Driven Chamber Door is Optional

to enable door opening/closing only with an operation on a rotary switch, which promotes work efficiency and saves labor



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# MACHINE SPECIFICATIONS

| MODELS                              | LSB 400                             | LSB 500                             | LSB 600                                 | LSB 750                               |
|-------------------------------------|-------------------------------------|-------------------------------------|---|---------------------------------------|
| PRESSING CAPACITY                   | 40 TON                              | 50 TON                              | 60 TON                                  | 75 TON                                |
| BALE SIZE (L X W X H) MM, INCH      | 700 X 500 X 600-750(28"X20"X24-30") | 750 X 500 X 600-750(30"X20"X24-30") | 800 X 650 X 600-800(32" X 26" X 24-32") | 900 X 660 X 750 - 900(36"X26"X30-36") |
| WEIGHT OF BALE (HARD PLASTIC)       | 100-120 KG                          | 120-150 KG                          | 150-200 KG                              | 200-250 KG                            |
| BODY                                | FABRICATED                          | FABRICATED                          | FABRICATED                              | FABRICATED                            |
| BALING CHAMBER SIZE MM, INCH        | 700 X 500 X 1600 (28"X20"X64")      | 750 X 500 X 1600 (30"X20"X64")      | 800 X 650 X 1600 (32"X26"X64")          | 900 X 660 X 1800 (36"X26"X72")        |
| FEED OPENING MM, INCH               | 700 X 600 (28"X24")                 | 750 X 600 (30" X 24")               | 800 X 600 (32" X 24")                   | 900 X 600 (36"X24")                   |
| PLATFORM SIZE MM, INCH              | 700 X 500 (28"X20")                 | 750 X 500 (30" X 20")               | 800 X 650 (32" X 26")                   | 900 X 660 (36"X26")                   |
| EJECTION OF BALE                    | BY HYDRAULIC PUSHER                 | BY HYDRAULIC PUSHER                 | BY HYDRAULIC PUSHER                     | BY HYDRAULIC PUSHER                   |
| NO OF CYLINDER                      | 2                                   | 2                                   | 2                                       | 2                                     |
| MAIN CYLINDER (BORE X ROD X STR) MM | Ø160 X Ø100 X 1200                  | Ø170 X Ø110 X 1200                  | Ø180 X Ø110 X 1200                      | Ø200 X Ø150 X 1400                    |
| PUSHER CYLINDER (BORE X ROD)        | Ø100 X Ø63                          | Ø100 X Ø63                          | Ø100 X Ø63                              | Ø100 X Ø63                            |
| NO OF BELTS / SLOTS                 | 3 TO 4                              | 3 TO 4                              | 3 TO 4                                  | 3 TO 4                                |
| OPERATION                           | HAND LEVER OPERATED                 | HAND LEVER OPERATED                 | HAND LEVER OPERATED                     | HAND LEVER OPERATED                   |
| ELECTRIC MOTOR                      | 7.5 HP 3 PHASE 1440 RPM             | 10 HP 3 PHASE 1440 RPM              | 12.5 HP 3 PHASE 1440 RPM                | 15 HP 3 PHASE 1440 RPM                |
| OIL DRIVE                           | GEAR CUM PLUNGER                    | GEAR CUM PLUNGER                    | DOUBLE VANE PUMP                        | DOUBLE VANE PUMP                      |
| OIL TANK                            | 200 LITER                           | 200 LITER                           | 250 LITER                               | 300 LITER                             |
| WORKING FLUID                       | HYDRO ENCL0 68                      | HYDRO ENCL0 68                      | HYDRO ENCL0 68                          | HYDRO ENCL0 68                        |
| MAXIMUM WORKING PRESSURE            | 3000 PSI                            | 3000 PSI                            | 3000 PSI                                | 3000 PSI                              |
| PRODUCTION RATE                     | 2 TO 3 BALES / HOUR                 | 2 TO 3 BALES PER HOUR               | 2 TO 3 BALES PER HOUR                   | 2 TO 3 BALES PER HOUR                 |
| MACHINE WEIGHT                      | 1800 KG ± 5%                        | 2000 KG ± 5%                        | 2500 KG ± 5%                            | 3200 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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