



**MASK**<sup>TM</sup>  
HYDRAULIC MACHINERIES  
A TECHNOLOGY FOR RECYCLE



**ADVANCED TECHNOLOGY**

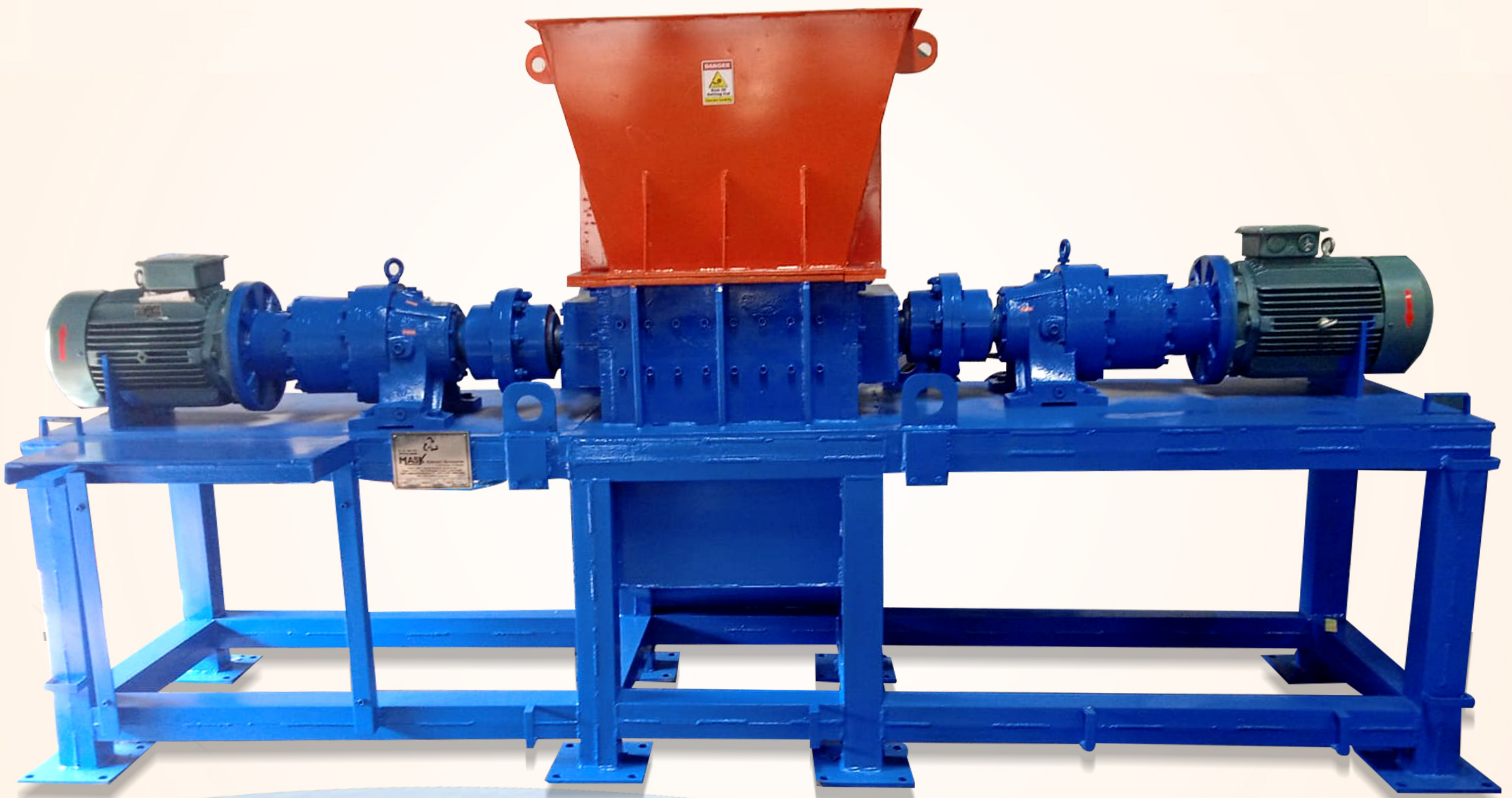


# FOR RECYCLING

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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# INDUSTRIAL SHREDDER

A double-shaft shredder is a machine with a low speed and high torque shear design that is ideal for crushing bulk materials containing metal or bundled large-size materials. In addition to the advantages of low speed, high torque, big shearing force, high stability, and long service life, the double-shaft shearing shredder has a smaller feed size. Large size, more passability, higher crushing efficiency, and less dust may effectively solve the problems of large space occupied, difficult transportation, low manual dismantling efficiency, and a dirty working environment in the process of bulky waste disposal. After being sheared by the machine, the material pile density can be increased, lowering transportation costs.



Furthermore, the bulk density of materials will be decreased, lessening shipping expenses. The speed reducer is attached to the rotor according to DIN 5480. The machine boasts strong transmission torque, a stable connection, a low speed, minimal noise, and a relatively low maintenance cost, among other features. The electrical component adopts Siemens PLC which has automatic overload reversal functionality. The entire machine system meets the European Union's CE standard.

## Baling Applications:

- Plastic
- Rubber
- Paper Waste
- Wood
- Electronics
- Electric Waste
- Metal

## FEATURES OF MACHINE

• Alloy knives

• Planetary Reducer

• Low speed, high torque, low noise, and dust

• Knives are made from imported materials that are durable

• The bearing is properly sealed and has its lubrication system



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# MACHINE SPECIFICATIONS

MODEL	MS 40	MS 60	MS 100	MS 150
ELECTRIC MOTOR	40 HP THREE PHASE 1440 RPM( 2 X 20 HP MOTORS)	60 HP THREE PHASE 1440 RPM( 2 X 30 HP MOTORS)	100 HP THREE PHASE 1440 RPM ( 2 X 50 HP MOTORS)	150 HP THREE PHASE 1440 RPM ( 2 X 75 HP MOTORS)
SHREDDING CHAMBER (L X W)	550 X 750 (MM)	650 X 1000 (MM)	800 X 1315 (MM)	1200 X 800 (MM)
CUTTER THICKNES	30 MM	38 MM	50 MM	60 MM
CUTTER DIAMETER	300 MM	300 MM	350 MM	350 MM
CUTTER SPEED (RPM)	20-25 RPM	20-25 RPM	15 - 16 RPM	15 - 16 RPM
SHAFT DIAMETER	115 MM	140 MM	175 MM	175 MM
DISCHARGE HEIGHT	800 MM	800 MM	800 MM	800 MM
HOPPER SIZE (LX W)	650 X 1000 MM	800 X 1200 MM	1000 X 1500 MM	2000 X 1500 MM
DRIVE MECHANISM	ELECTRIC PANELWITH GEAR BOX SYSTEM	ELECTRIC PANELWITH GEAR BOX SYSTEM	ELECTRIC PANELWITH GEAR BOX SYSTEM	ELECTRIC PANELWITH GEAR BOX SYSTEM
MACHINE CONTROL	DOL STAR WITH REVERSE FORWARD SWITCH	DOL STAR WITH REVERSE FORWARD SWITCH	DOL STAR WITH REVERSE FORWARD SWITCH	DOL STAR WITH REVERSE FORWARD SWITCH
OUTPUT ARRANGEMENT	DISCHARGE AT REAR/BOTTOM WITH BAG CLAMPING FACILITY	DISCHARGE AT REAR/BOTTOM WITH BAG CLAMPING FACILITY	DISCHARGE AT REAR/BOTTOM WITH BAG CLAMPING FACILITY	DISCHARGE AT REAR/BOTTOM WITH BAG CLAMPING FACILITY
FEEDING HOPPER	AS PER CUSTOMER REQUIREMENT	AS PER CUSTOMER REQUIREMENT	AS PER CUSTOMER REQUIREMENT	AS PER CUSTOMER REQUIREMENT
CUTTER CONFIGURATION	SERRATED ROLL CUTTERS, 6-4-2-1 POINTS, COMPOSITE CUTTERS	SERRATED ROLL CUTTERS, 6-4-2-1 POINTS, COMPOSITE CUTTERS	SERRATED ROLL CUTTERS, 6-4-2-1 POINTS, COMPOSITE CUTTERS	SERRATED ROLL CUTTERS, 6-4-2-1 POINTS, COMPOSITE CUTTERS
CUTTER MATERIAL	HARDOX 500 OR EQUIVALENT	HARDOX 500 OR EQUIVALENT	HARDOX 500 OR EQUIVALENT	HARDOX 500 OR EQUIVALENT
SHAFT CONFIGURATION	2 NO,S HEXAGONAL SHAFT FROM EN MATERIAL	2 NO,S HEXAGONAL SHAFT FROM EN MATERIAL	2 NO,S HEXAGONAL SHAFT FROM EN MATERIAL	2 NO,S HEXAGONAL SHAFT FROM EN MATERIAL
GEAR BOX	HELICAL/ PLANETARY GEAR BOX OF IMPORTED MAKE	HELICAL/ PLANETARY GEAR BOX OF IMPORTED MAKE	HELICAL/ PLANETARY GEAR BOX OF IMPORTED MAKE	HELICAL/ PLANETARY GEAR BOX OF IMPORTED MAKE
MACHINE STRUCTURE	FABRICATED FROM MS CHANNELS AND STEEL PLATES	FABRICATED FROM MS CHANNELS AND STEEL PLATES	FABRICATED FROM MS CHANNELS AND STEEL PLATES	FABRICATED FROM MS CHANNELS AND STEEL PLATES
NO OF BLADES	8 TO 10	11 TO 12	11 TO 12	20
MACHINE WEIGHT	3000-3500	4500-5000	6000 - 6500 KG	9000 - 9500 KG
MATERIAL TO BE SHREDDED	METAL SCRAP	METAL SCRAP	METAL SCRAP	METAL SCRAP





## 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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