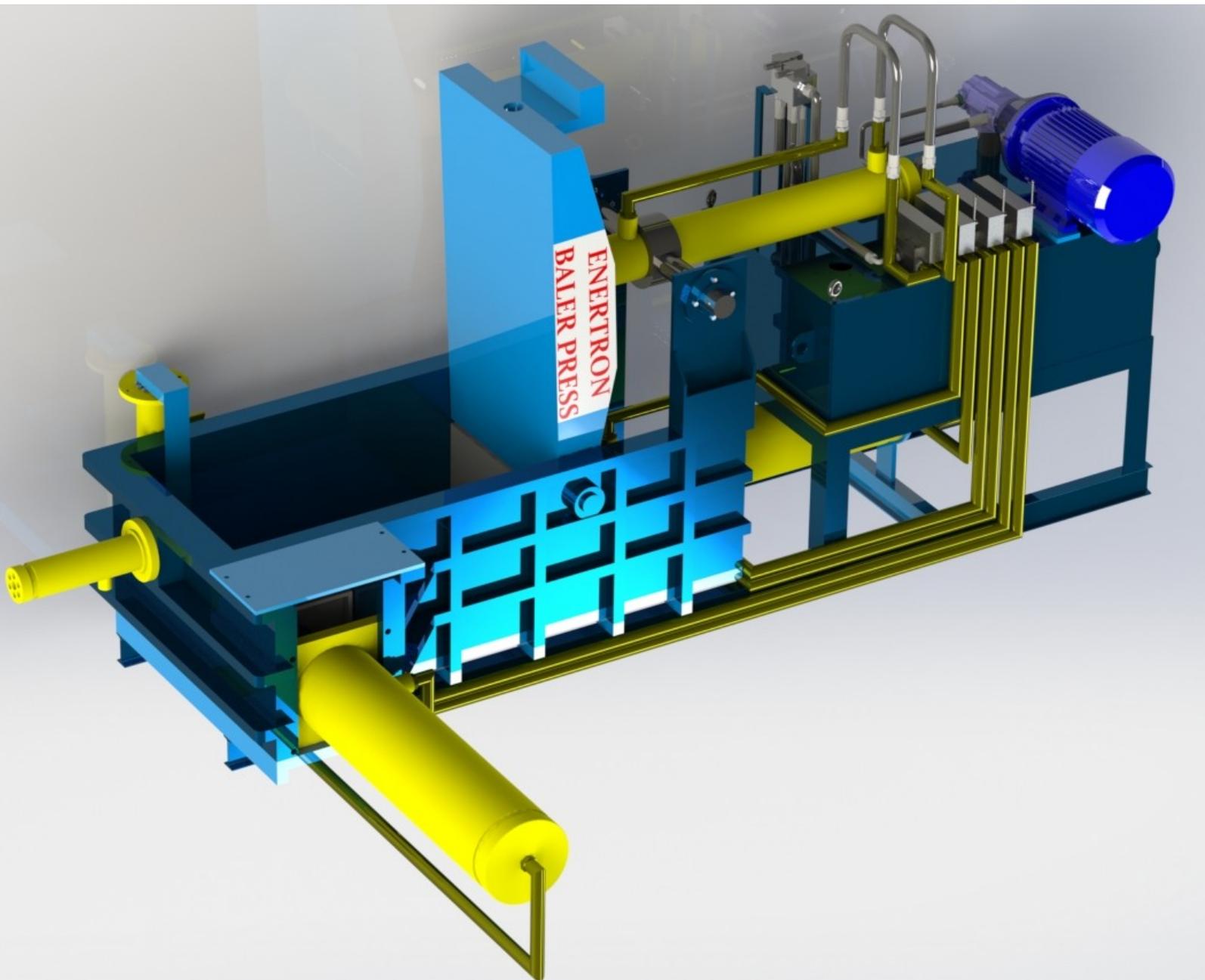


# Horizontal BALING PRESS

**STANDARD  
&  
CUSTOMISED  
SOLUTIONS**



## ➤ ABOUT US

Established in the year 2015, Enertron Technologies Pvt Ltd is a vibrant company driven by passion for Hydraulic solutions. Started by young entrepreneurs (Post Graduates from Germany and Alumni of Nirma University) with profound knowledge and vast experience, company is dedicated to develop innovative, cost-effective, energy efficient solutions for Hydraulics.

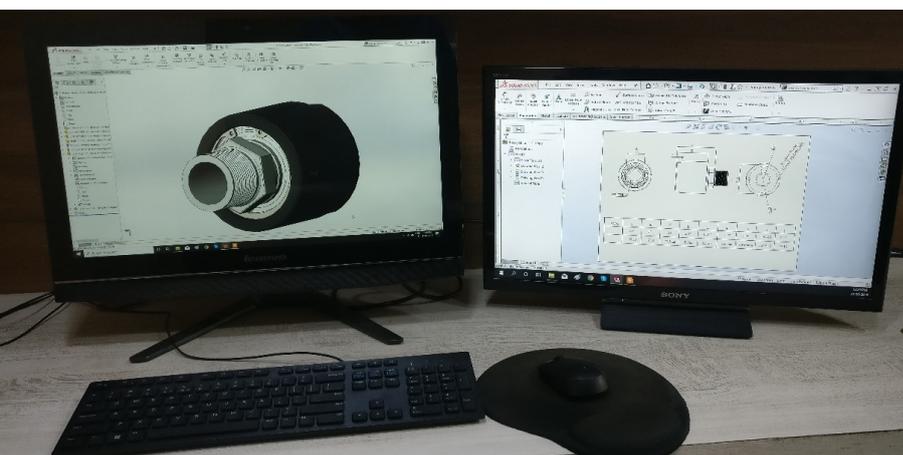
The company is a pioneer of Hydraulic Solutions in India and currently its expertise spans across a gamut of verticals such as Rotary Unions, Swivel Joints, Slip Rings, Hydraulic Cylinders, Hydraulic Power Pack and Hydraulic Press Machineries with standard and customised solutions.

## ➤ WHY US

We have in-house 3D/2D CAD designing team which can very well understand customer expectations and design and develop optimum solutions as per requirements.

Our production team is capable of precisely manufacturing parts and assemblies as per drawings given by design team. End products are designed and tested to their extremes for providing enhanced product life.

Our focus is on constantly innovating and implementing efficient solutions to elevate productivity and reliability while lowering cost helps us empower our customers.



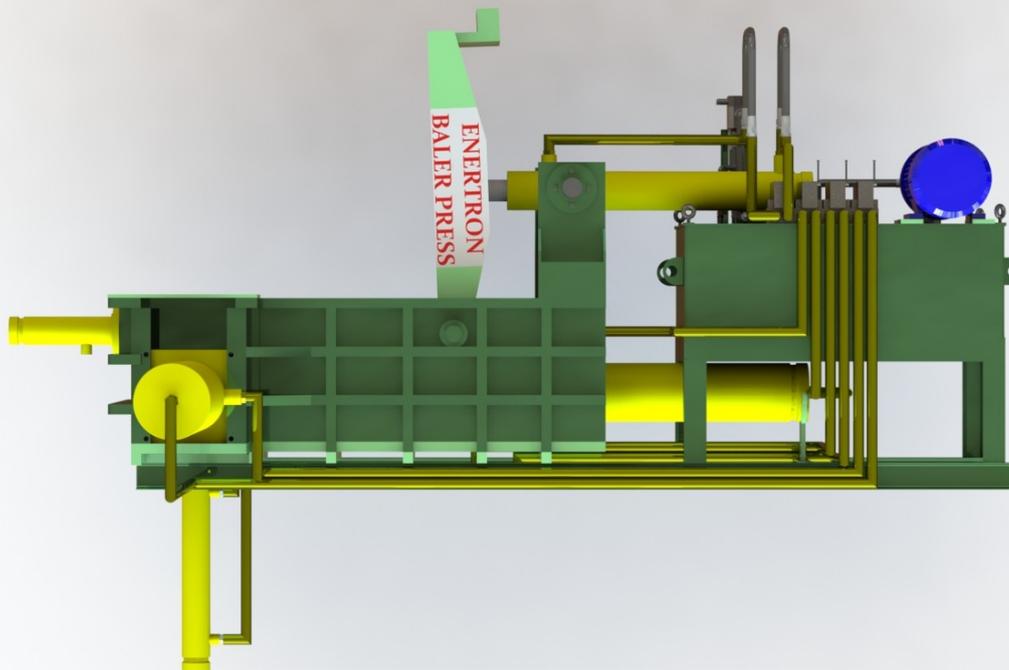
## ➤ What Is Baling Press :

A hydraulic baling press is a machine used to compress materials into compact bales using hydraulic pressure.

This leads to

- 1) Volume reduction of material
- 2) Ease of storage and transportation
- 3) Reduction in required storage space and cost
- 4) Reduction in transportation cost

We offer multiple type of baling presses including Vertical baling machine, Horizontal baling machines (Single, Double and Triple compression). We also make fully automatic baling machine and customised solutions.



### Salient Features

• Perfect alignment	• Easy and safe to operate and control	• PCM control to cylinder pressure
• A robust and heavy body structure	• Lowest operating costs and Low maintenance	• Shearing Blades are optional
• Customised type of bale ejecting system	• Automation upto extent of customer	• Adjustable bale length
• Plated with SS and Hard chrome	• Reliable hydraulic system and power pack ensured by the use of components of reputed make	• Customisation according to Customers/Clients requirement
• For Safety : Over load protection, Auto pressure cut-off, Limit switches, Pusher interlocking system		

# ➤ Machine Specification For Single Acting Horizontal Baling Press :

<b>Compressing Cylinder Capacity (MT)</b>	<b>40</b>	<b>60</b>	<b>100</b>	<b>125</b>
<b>Compressing Chamber Size(mm<sup>3</sup>) (L x W x H)</b>	1600mm x 700mm x 500mm	2000mm x 900mm x 650mm	2200 mm x 1100 mm x 1000 mm	2200 mm x 1250 mm x 1100 mm
<b>Bale Size (mm<sup>2</sup>) (L x W x H)</b>	L x 700 x 500	L x 900 x 650	L x 1100 x 1000	L x 1250 x 1100
<b>Bale weight (kg) (For Cardboards)</b>	100-120	200 – 250	350 – 500	500 – 650
<b>No. Of Compressing Cylinders</b>	1	1	1	1
<b>Main Cylinder Specification (All in mm)</b>	Bore : 140 Rod : 80 Stroke : 1600	Bore : 170 Rod : 110 Stroke: 2000	Bore : 220 Rod : 160 Stroke: 2200	Bore : 250 Rod : 180 Stroke: 2200
<b>Feed Opening (mm<sup>2</sup>)</b>	700 x 650	900 x 900	1100 x 1000	1250 x 1000
<b>Door Operation</b>	Manual or By Hydraulic Cylinder			
<b>Body</b>	Fabricated			
<b>Electric Motor</b>	5 HP 3 PHASE, 1440 RPM	12.5 HP 3 PHASE, 1440 RPM	25 HP 3 PHASE, 1440 RPM	30 HP 3 PHASE, 1440 RPM
<b>No of Bales / Hour</b>	3 to 4			
<b>Oil Tank Capacity (Litre) (In Customers Scope)</b>	200	400	800	800
<b>Oil Used</b>	Enklo 68 / Hydraulic oil 68 grade			
<b>Hydraulic System</b>	Double Vane Pump System			
<b>Operation</b>	Push Button(PLC) / Hand Lever			
<b>Ejection of Bale</b>	By Main Cylinder			

# ➤ Machine Specification For Double Acting Horizontal Baling Press :

<b>Compressing Chamber Size(mm<sup>3</sup>) (L x W x H)</b>	1150mm x 400mm x 350mm	1150mm x 400mm x 400mm	1150mm x 460mm x 500mm	1250 mm x 600 mm x 600 mm
<b>Bale Size (L x W x H) (mm<sup>2</sup>)</b>	L x 400 x 150	L x 400 x 200	L x 460 x 300	L x 600 x 400
<b>Bale weight (kg) (For Ferrous Scrap)</b>	20-25 kg	20 – 25	35 – 40	65 – 70
<b>No. Of Compressing Cylinders</b>	2	2	2	2
<b>Force on Lid Cylinder</b>	30	35	45	50
<b>Force on Main Cylinder</b>	35	45	80	100
<b>Lid Cylinder Specification (All in mm)</b>	Bore : 125 Rod : 70	Bore : 140 Rod : 80	Bore : 150 Rod : 90	Bore : 160 Rod : 100
<b>Main Cylinder Specification (All in mm)</b>	Bore : 140 Rod : 80	Bore : 150 Rod : 90	Bore : 200 Rod : 120	Bore : 220 Rod : 160
<b>Body</b>	Fabricated			
<b>Electric Motor</b>	15 HP 3 Phase, 1440 RPM	15 HP 3 Phase, 1440 RPM	15 HP 3 Phase, 1440 RPM	20 HP 3 Phase, 1440 RPM
<b>Ideal Cycle Time</b>	60 - 90 sec			
<b>Oil Tank Capacity (Litre) (In Customers Scope)</b>	400	400	400	500
<b>Oil Used</b>	Enklo 68 / Hydraulic oil 68 grade			
<b>Hydraulic System</b>	Double Vane Pump System			
<b>Operation</b>	Push Button(PLC) / Hand Lever			
<b>Ejection of Bale</b>	By Hydraulic Cylinder			

# Machine Specification For Triple Acting Horizontal Baling Press :

<b>Compressing Chamber Size (mm<sup>3</sup>) (L x W x H)</b>	1200 x 600 x 500	1300 x 600 x 500	1300 x 600 x 500	1400 x 600 x 500	1400 x 600 x 500	1550 x 900 x 600
<b>Bale Size (mm<sup>2</sup>) (L x W x H)</b>	150 x W x 150	200 x W x 200	250 x W x 250	300 x W x 300	350x W x 350	400 x W x 400
<b>Bale weight (kg) (For Ferrous Scrap)</b>	20-25	25 – 30 kg	30 – 35	35 – 40	45 – 50	100 - 125
<b>No. Of Cylinders</b>	5	5	5	5	5	5
<b>Force on Lid Cylinder</b>	35	45	45	45	45	50
<b>Force on Main Cylinder (Ton)</b>	30	80	80	80	80	95
<b>Force on Side Cylinder (Ton)</b>	60	120	120	120	120	150
<b>Force on Ejector Cylinder (Ton)</b>	12	12	12	20	20	30
<b>Force on Lock Cylinder (Ton)</b>	20	20	20	20	20	30
<b>Lid Cylinder Specification (All in mm)</b>	Bore : 140 Rod : 80	Bore : 150 Rod : 90	Bore : 160 Rod : 100			
<b>Main Cylinder Specification (All in mm)</b>	Bore : 125 Rod : 80	Bore : 200 Rod : 150	Bore : 220 Rod : 160			
<b>Side Cylinder Specification (All in mm)</b>	Bore : 180 Rod : 110	Bore : 250 Rod : 150	Bore : 280 Rod : 160			
<b>Lock Cylinder Specification (All in mm)</b>	Bore : 100 Rod : 70	Bore : 100 Rod : 70	Bore : 100 Rod : 70	Bore : 100 Rod : 70	Bore : 100 Rod : 70	Bore : 125 Rod : 80
<b>Ejector Cylinder Specification (All in mm)</b>	Bore : 80 Rod : 50	Bore : 80 Rod : 50	Bore : 80 Rod : 50	Bore : 100 Rod : 63	Bore : 100 Rod : 63	Bore : 125 Rod : 70
<b>Body</b>	Fabricated					
<b>Electric Motor</b>	25/30 HP 3 Phase, 1440 RPM	25/30 HP 3 Phase, 1440 RPM	25/30 HP 3 Phase, 1440 RPM	25/30 HP 3 Phase, 1440 RPM	25/30 HP 3 Phase, 1440 RPM	40 HP 3 Phase, 1440 RPM
<b>Ideal Cycle Time</b>	50 sec					
<b>Oil Tank Capacity (Litre) (In Customer Scope)</b>	600	600	600	600	600	1200
<b>Oil Used</b>	Enklo 68 / Hydraulic oil 68 grade					
<b>Hydraulic System</b>	Double Vane Pump System					
<b>Operation</b>	Push Button(PLC) / Hand Lever					
<b>Ejection of Bale</b>	By Hydraulic Cylinder					

# Applications Of Baler Press

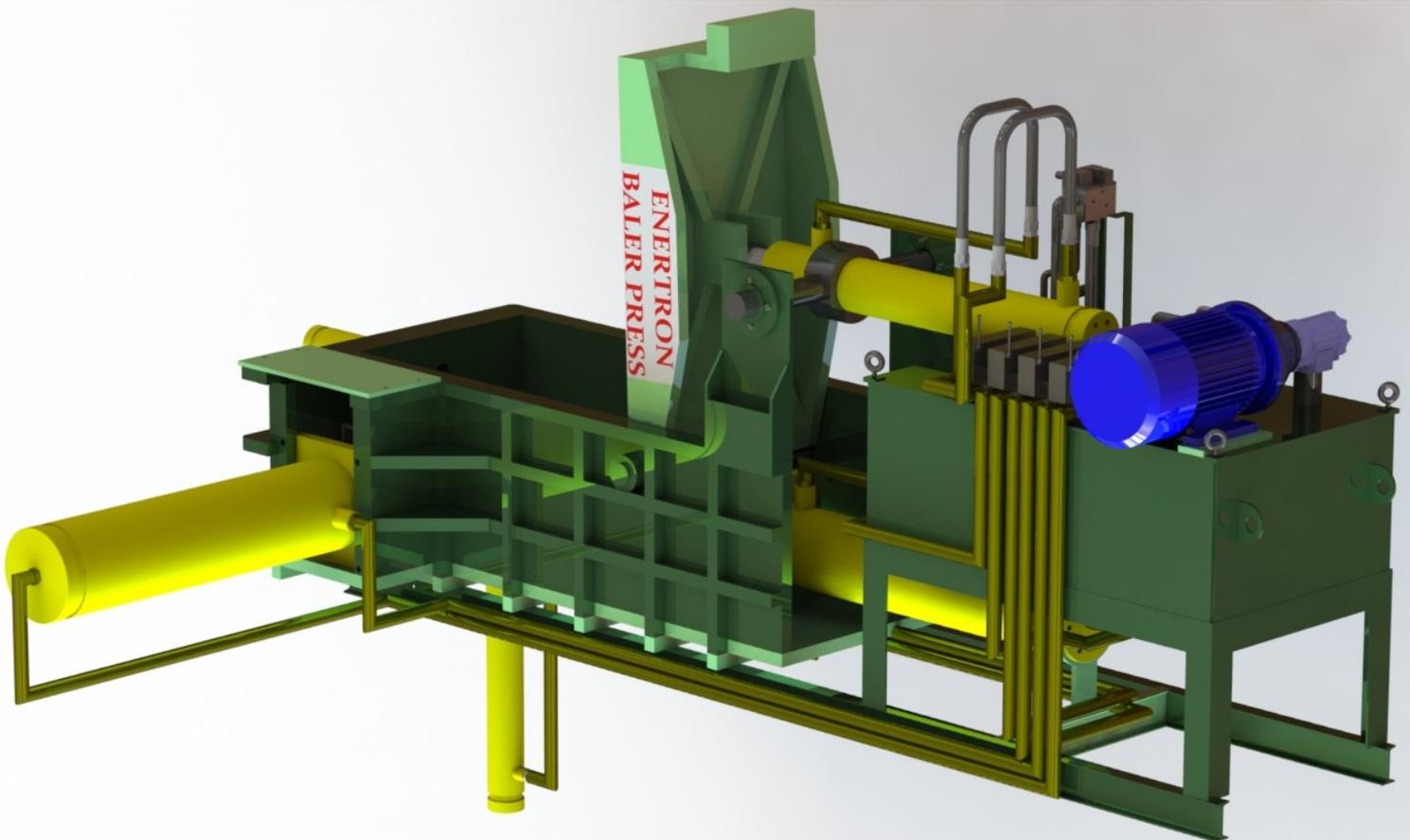
## APPLICATIONS

Fully Automatic Baling Press are used for compact baling of following materials

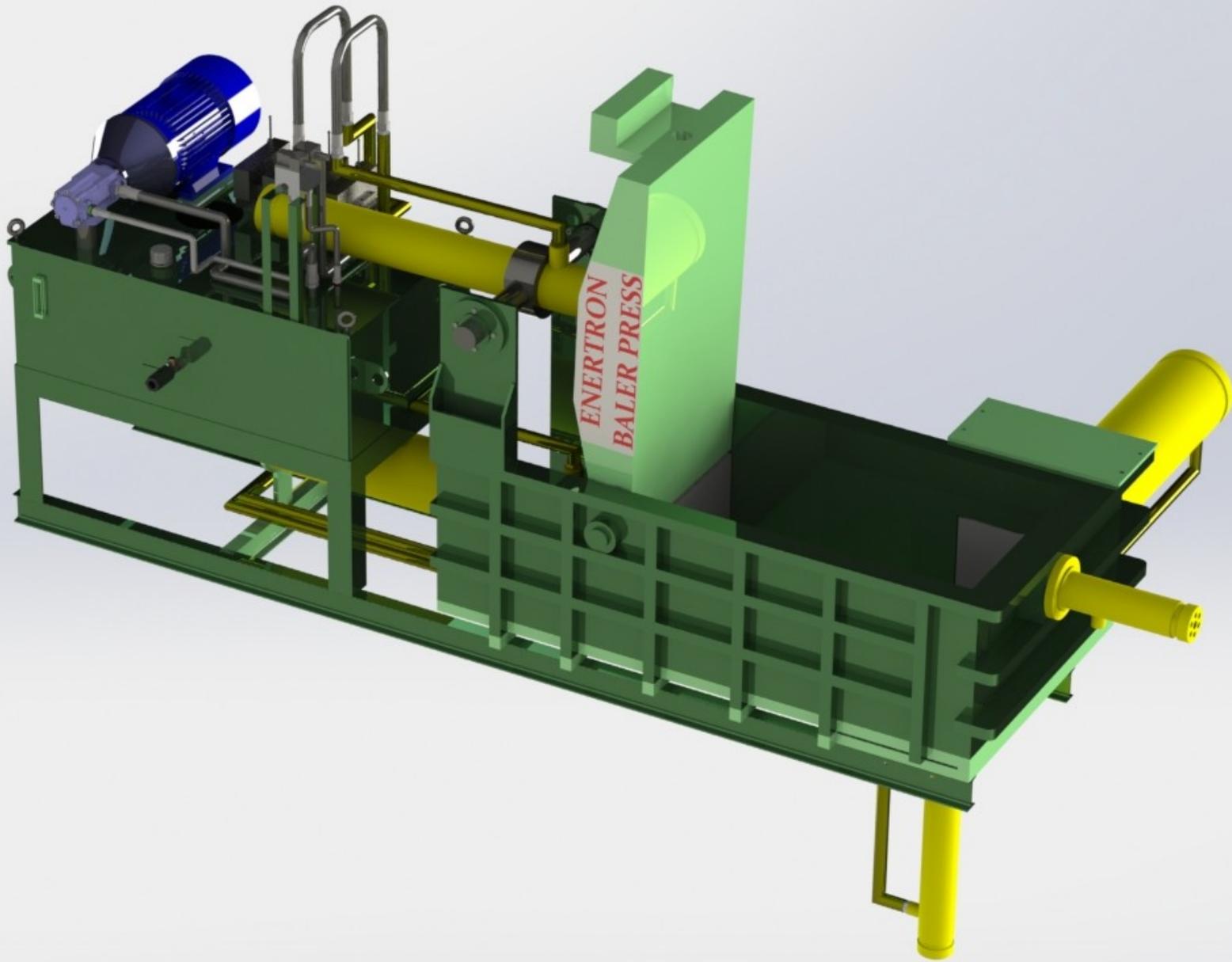
- › Metal Scrap
- › Cardboards
- › PET Bottles
- › Wastage Papers
- › Municipal Waste
- › Old News Papers & Magazines
- › Plastic Films & Polythenes
- › PP Scraps & Raffia Scraps
- › Office Wastes
- › Various Types Of Garbage
- › Other Packing Materials
- › Cloths
- › Cotton
- › Bags

## CUSTOMISED BALING PRESS

- We provide Customised Baling Press according to the requirements of our valuable customers



# Applications Of Baler Press



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