

Customer Case



Scrap: Copper Cable
Country: America
Year: 2016



Scrap: Metals
Country: Poland
Year: 2017



Scrap: Metals
Country: Australia
Year: 2018



Scrap: Aluminum
Country: Australia
Year: 2013



Scrap: IBC
Country: England
Year: 2014



Scrap: Aluminum
Country: Israel
Year: 2014



Scrap: Aluminum
Country: Bahrain
Year: 2018



Scrap: Oil UBC
Country: China
Year: 2016

| Specification | AMB-L1270 | AMB-L1490 | AMB-L1610 | AMB-L1812 |
|---------------|-----------|-----------|-----------|-----------|
| Ram Force kn | 1250 | 1350/1600 | 1600/2000 | 2000/2500 |
| Chamber mm | 1200x700 | 1400x900 | 1600x1000 | 1800x1200 |
| Bale mm | 300x300 | 350x350 | 400x400 | 500x500 |
| Motor kw | 15 | 22 | 22 | 37/44/60 |
| Capacity t/h | 1.0-1.5 | 2.0-3.0 | 2.0-3.5 | 3.5-5.0 |

| Specification | AMB-L2014 | AMB-L2017 | AMB-L2520 | AMB-L3020 |
|---------------|-----------|-----------|----------------|----------------|
| Ram Force kn | 2500 | 2500/3150 | 2500/3150/4000 | 2500/3150/4000 |
| Chamber mm | 2000x1400 | 2000x1750 | 2500x2000 | 3000x2000 |
| Bale mm | 500x500 | 500x500 | 600x600 | 700x700 |
| Motor kw | 44 | 60/74 | 60/74/90 | 60/74/90 |
| Capacity t/h | 4.5-6.0 | 5.0-7.0 | 6.0-8.0 | 7.0-10.0 |

| Specification | AMB-H1075 | AMB-H2010 | AMB-H2015 | AMB-H2017 |
|---------------|-----------|-----------|------------|---------------|
| Ram Force kn | 1000 | 1250/1600 | 2000/4000 | 1250/5000 |
| Chamber mm | 1000x750 | 2000x1000 | 2000x1500 | 2000x1700 |
| Bale mm | 300x300 | 350x350 | 400x400 | 400x400 |
| Motor kw | 30 | 74 | 74/111/148 | 74/74/111/148 |
| Capacity t/h | 60 | 60 | 60 | 60 |



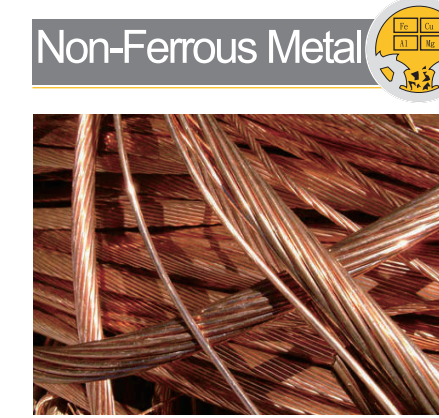
Automatic Scrap Metal Baler

**AMB
SERIES**



Enerpat Automatic Scrap Metal Baler

Enerpat supply reliable and quality automatic scrap metal baler for scrap metal size reduction.



After the solid waste enters the single shaft shredder through the hopper, the pusher pushes the solid waste to the cutter shaft under the driving of the hydraulic cylinder. The rotation of the motor is transmitted to the reducer through the transmission of the belt. The operation of the reducer drives the cutter shaft to rotate, and the cutter is broken by the fixed cutter and the movable cutter, and the finished product conforming to the screen size is dropped by the screen. The movable knife is fixed on the seat of the cutter shaft by bolts. When the equipment is running, the feed material is shredded by the cutting and breaking of the movable knife and the fixed knife, and the gap between the movable knife and the fixed knife can be adjusted by adjusting the bolt. The shredded material particles are extruded through a screen, and the particle size of the discharge is determined by the mesh size of the screen.



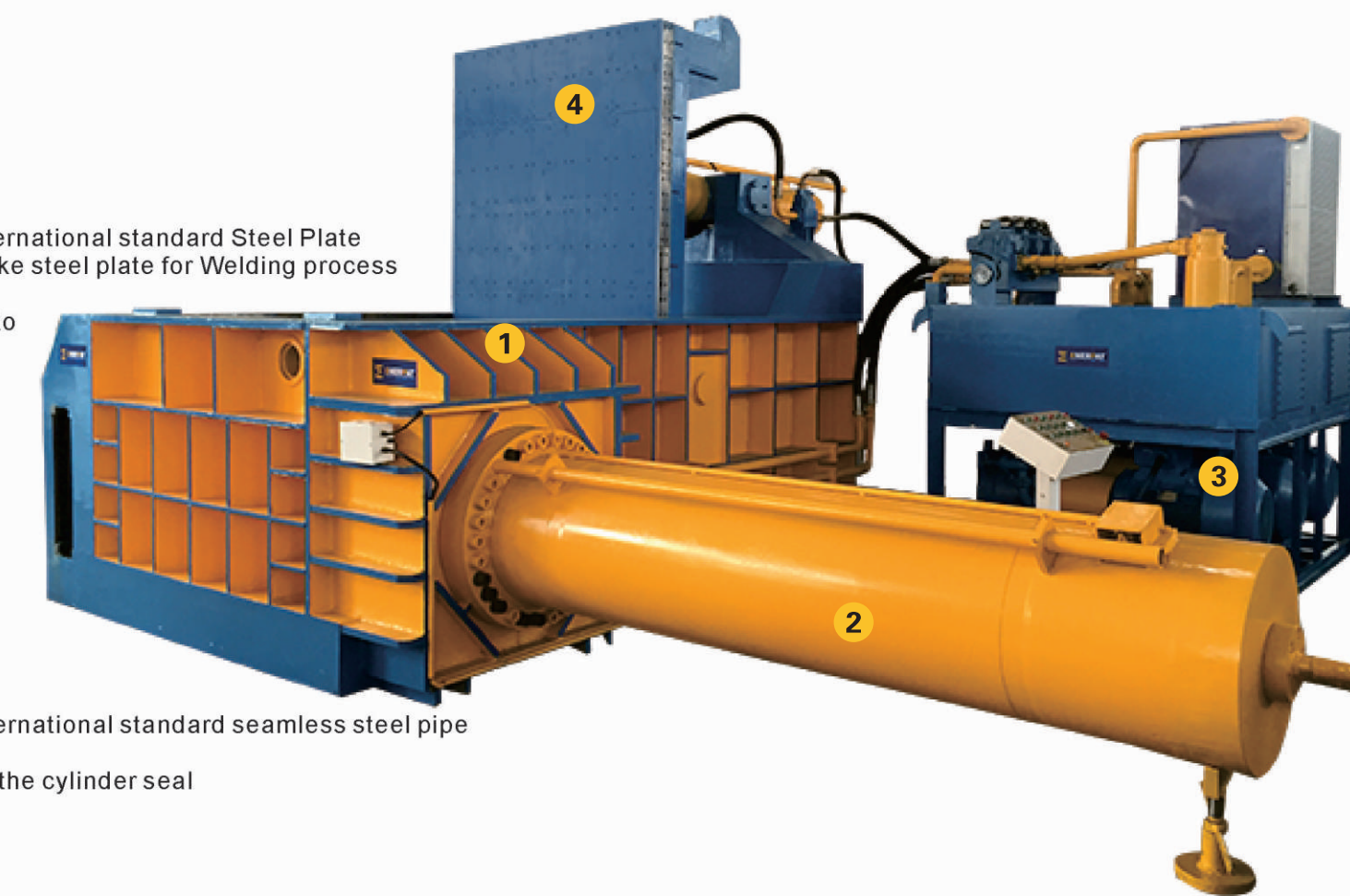
Baler Structure
Choose the brand company and international standard Steel Plate
Using plasma CNC machines to make steel plate for Welding process
All steel parts are CO2 welded.
Using the method of flaw detection to detect the quality of welding.



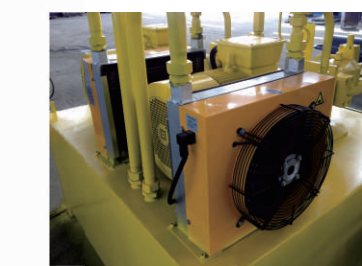
Pressing Cylinder
Choose the brand company and international standard seamless steel pipe
All piston rods are chrome plated
Choose the British Hallite brand as the cylinder seal



Power Pack
Power unit pumps are based on European standard
All power units have 90 micron suction filters and 25 micron return filters as standard. Pressure filters to 3microns are optional and give our power units high cleanliness levels.
Hydraulic power unit suppliers offer a hydraulic circuit and parts list, Hydraulic products offer this as well as a full installation and maintenance manual.
Each power unit is supplied with a test certificate and CE approval documentation.



Pressing Lid
An unequalled compacting efficiency
The baling presses with lid are perfectly versatile machines.
They are ideal to process bulky and heterogeneous materials.
Feeding with scrap is very easy as the lid covers the upper part of the compression box



Cooling Fan
Cooling fan unit installed on the hydraulic system
Cooling fan supports 24 hours without stopping
Cooling fan is supplied with a test certificate and CE approval documentation.



Electrical Control System
Factory assembled, wired tested
Control wiring: minimum 2.5
SQ, mm, 600/1000V, pvc insulated copper
conductor colour coded as per iec standards
Support touch screen control, choose Schneider or Siemens brand



Motor
Siemens brand
Support 24 hours non-stop operation
Secondary energy consumption motor is more environmentally friendly
Explosion-proof motor can be installed



Remote operation
Balers supports remote operation
Remote operation ensures operator safety without dead ends
Supports remote operation of 50-100 meters