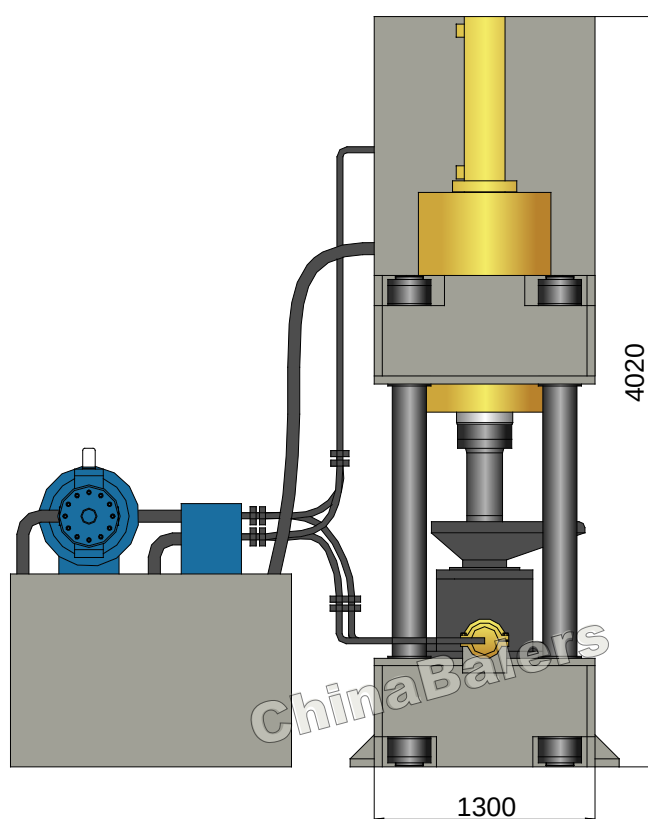
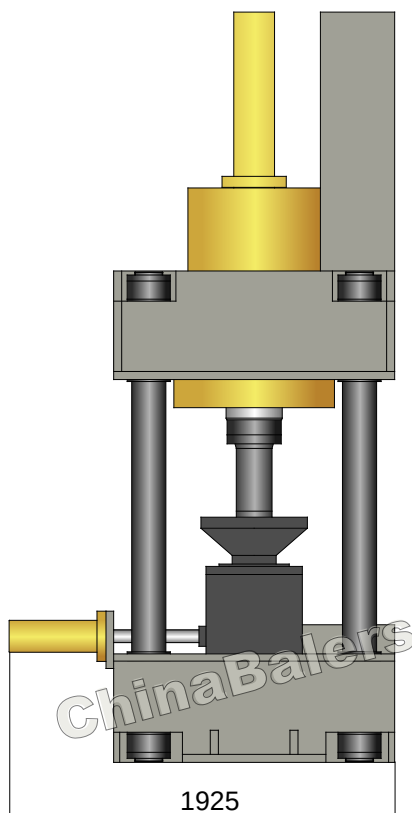
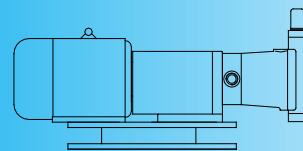


# Y83-500



# Y83-500



## Scrap Briquetting Machine

Model: Y83-500

### Power System (Motor)

Type: Y225M-6 / Y280S-6  
 Rated Power: 30 / 45 kW  
 Rated Speed: 980 rpm  
 Power Spec: 3PH, 50 / 60Hz

### System Parameters

Main Cyl. Force: 490 Ton  
 Auxiliary Cyl. Force: 60 Ton  
 Discharging Cyl. Force: 30 Ton  
 Hydraulic System Pressure: 25 MPa  
 Idle Cycle Time: 18-20 Sec

### Hydraulic System (Pump)

Pump #1: 160YCY14-1B  
 Rated Displacement: 160 ml/r  
 Max Operating Pressure: 31.5 MPa

### Operation System

PLC Operation

Pump #2: 80YCY14-1B  
 Rated Displacement: 80 ml/r  
 Max Operating Pressure: 31.5 MPa

### Optional Configuration

Cooler / Heater;  
 Feeding Conveyor & Vibrating Motor;  
 Diesel / Diesel Generator for Power.

### General Description

Main Machine Size (L×W×H): 1925×1300×4020 mm  
 Press Mould Size (Dia×H): Φ150×300 / Φ180×300 mm  
 Pressure on Briquet: 283 / 196 MPa  
 Briquet Size (Dia×H): Φ150×(70-100) / Φ180×(70-100) mm  
 Briquet Weight (Cast Iron): 6.9-9.9 / 8.9-12.8 kg  
 Production Rate (Cast Iron): 1300-1800 kg/hr  
 Shipping Weight: Approx. 15 tons  
 Loading (Standard Containers):

### Hydraulic Oil Brand

Oil Tank Volume: 2500 ltr

| ISO VG | China     | U.S.       |         | Britain   | France     |
|--------|-----------|------------|---------|-----------|------------|
|        | GB11118.1 | CALTEX CO. | MOBIL   | SHELL     | ELF CO.    |
| HM 46  | 46 #      | Rando HD46 | D.T.E46 | Tellus 46 | Elfolna 46 |
| HM 68  | 68 #      | Rando HD68 | D.T.E68 | Tellus 68 | Elfolna 68 |

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