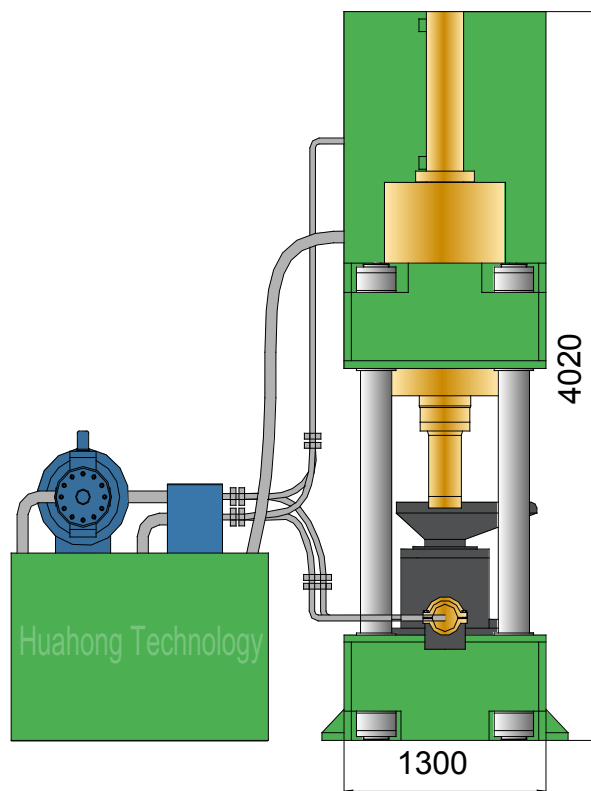
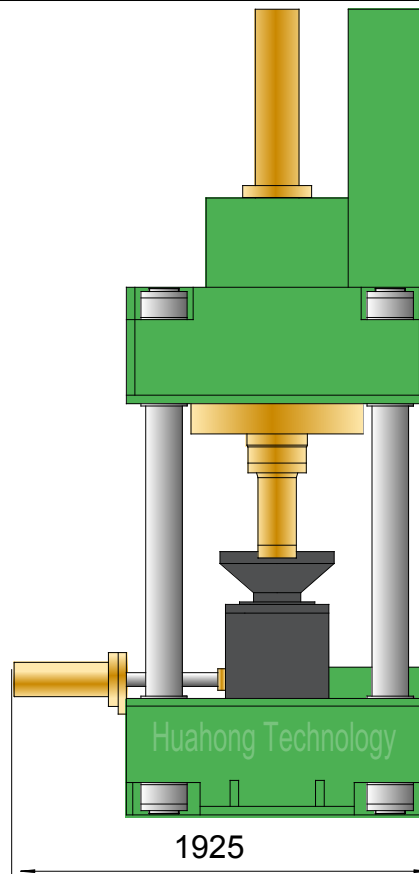




**Y83-500**

Plan View





# Y83-500

## Technical parameters

### Scrap Briquetting Press

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):  $\Phi$ 150×300 /  $\Phi$ 180×300 mm  
 Pressure on Briquet: 283 / 196 MPa  
 Briquet Size (Dia×H):  $\Phi$ 150×(70-100) /  $\Phi$ 180×(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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