

WEIMA briquetting presses TH Standard series



TH 514 · TH 614 · TH 714 · TH 814

Briquette diameter (mm)

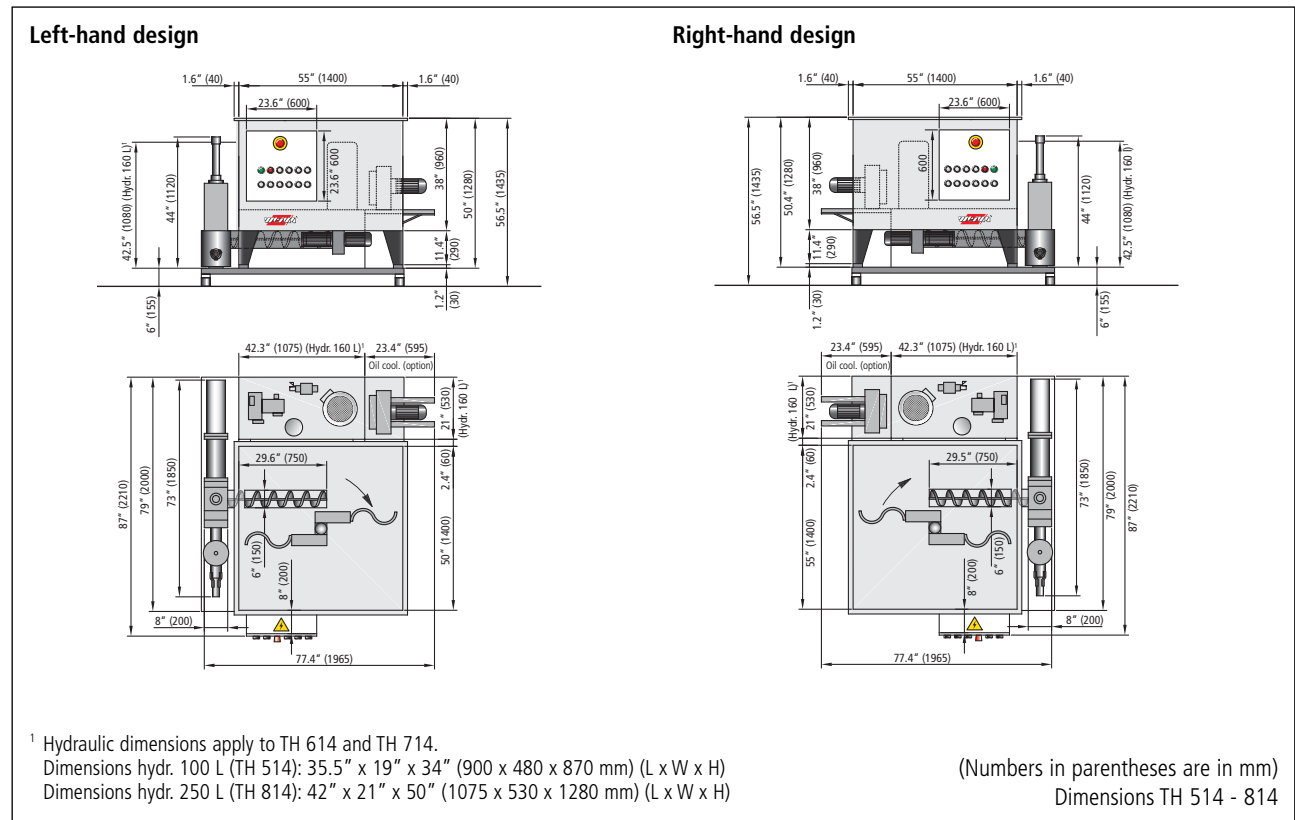


Performance profile

The TH Standard series is designed for plants with required throughput rates of more than 175 lbs (80 kg) per hour or more than 440 lbs (200 kg) per day. The sturdy press housing enables the production of highly compact briquettes – from materials such as wood, polystyrene, foam, light alloy, paper or biomass.

All machines are available as a left or right-hand design. The hopper is mounted on a sturdy base frame which allows for easy installation and mobile use.

An overview of the TH Standard series



TECHNICAL DATA

	TH 514	TH 614	TH 714	TH 814
Briquette diameter	2" (50 mm)	2.4" (60 mm)	2.8" (70 mm)	3" (80 mm)
Throughput rate	154-220 lb/hr (70-100 kg/hr) ²	198-265 lb/hr (90-120 kg/hr) ²	220-353 lb/hr (9100-160 kg/hr) ²	331-397 lb/hr (150-180 kg/hr) ²
Hydraulic oil quantity	26.5 g (100 L)	42 g (160 L)	42 g (160 L)	66 g (250 L)
Hydraulic motor	10 hp (7.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)	15 hp (11 kW)
Weight	2,094 lbs (950 kg)	2,205 lbs (1,000 kg)	2,425 lbs (1,100 kg)	2,866 lbs (1,300 kg)

² The throughput rate depends on the type of material. Details are average values.

SPECIFICATION

Press

- High performance pressing mechanism with low-wear, chrome-plated tongs
- Pre-compactor with end position limited cylinder and screw-on cover
- Hardened pressing chamber bushing for minimal wear
- Switch box with SPC

Hydraulic system

- Separate oil tank with pump motor and valve control
- Safety switch for oil temperature

Hopper

- 55" x 55" x 38" (1400 x 1400 x 960 mm) (L x B x H)
- Worm channel with delivery worm and gearmotor

Accessories (optional)

- Automatic "On/Off" with filling level limit switch
- Briquette length control
- Oil cooling for continuous operation
- Transport line by the meter, straight or curved (45°/90°)

Briquettes can be made from materials such as wood, polystyrene, foam, light alloy, paper or biomass (precondition: material residual moisture ≤ 18%). All models are mounted on a sturdy base frame with rubber feet.