

Thermoplastic preheaters

Accessories

BORUM thermoplastic preheaters for trouble-free heating of block, granulate or liquid thermoplastic material.

Efficient vertical double mixer arms, which ensure uniform heating of the material. 50 mm heat isolation. Hydraulic forward/reverse transmission. Preheaters driven by efficient hydraulic power units, which can be installed independent of location of preheater. Standard length for connection of hoses and cables 6.0 m. Propane gas or diesel oil burner system can be supplied for heating.

All sizes of preheaters up to 1500 can be delivered as double units with common power units.

ID Indirectly heated preheater.

Hydraulic motor with agitator bearing. Start/stop/reverse valve for agitator drive. Vertical agitator with double arms and paddles. Material container surrounded by heat transfer oil, to distribute heat. Oil-heated center pipe in material tank. Oil-heated material outlet. The preheater is equipped with a thermostat for thermoplastic material and for heat transfer oil temperatures from +50 to +300° C. Includes an integrated display showing actual temperatures.

Standard sizes 250, 400, 600, 800, 1100, 1500, 1600, 2500 L.

D Directly heated preheaters

Hydraulic motor with agitator bearing. Start/stop/reverse valve for agitator drive. Agitator with double arms and paddles. The preheater is equipped with a thermostat for thermoplastic material temperatures from +50 to +300° C. Includes an integrated display showing actual temperatures.

Standard sizes 300, 500, 750, 1000 L.

Hydraulic Power Units:

BM PS-9 Hydraulic power unit

5.2 kW (7 HP) at 3000 rpm. Water-cooled 1-cylinder diesel engine. 35 L diesel oil tank with level control and diesel oil filter. 35 L hydraulic oil tank with filter. Alternator 12 V DC/65 Amp. Engine foundation with vibration absorbers.

BM PS-15 Hydraulic power unit

9.5 kW (13 HP) at 3600 rpm. Water-cooled 2-cylinder diesel engine. 40 L diesel oil tank with level control and diesel oil filter. 90 L hydraulic oil tank with filter. Alternator 12 V DC/65 Amp. Engine foundation with vibration absorbers.

Diesel oil burner

Diesel oil burner for 12 V DC power supply.

Propane burner

Propane burner with electric ignition and safety system. Active flame control.

Modification rights reserved.



– it's straightforward