

EFFICIENT PREHEATERS WITH DIRECT OR INDIRECT HEATING

available in various capacities



Borum thermoplastic preheaters are melting, heating and mixing the thermoplastic material making it ready for application via the road marking machine. They are provided either as a directly heated (D) or indirectly heated (ID).

The preheaters are equipped with efficient mixer arms and 50 mm heat insulation, which ensure uniform heating of the material. You also have the possibility to manually select the direction of rotation for better mixing of the material.

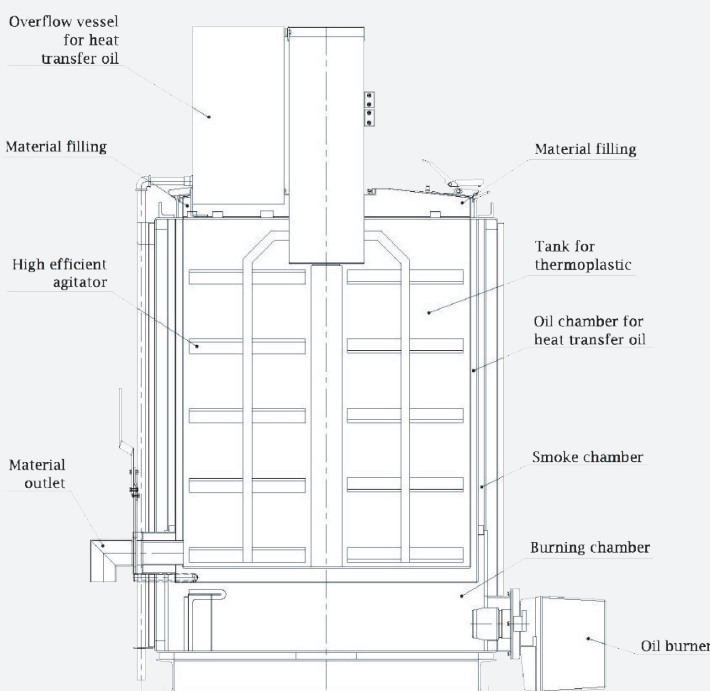
The preheaters are also equipped with a thermostat for thermoplastic material temperatures from +50 to +250 °C (+122 to 482 °F)

Includes an integrated display showing actual thermoplastic temperature.

Diesel oil burner is supplied as standard.

Direct heating (D): The thermoplastic material is heated directly from the burner. Standard capacities: 300 L, 500 L, 750 L, 1000 L (660 Lb wt, 1100 Lb wt, 1650 Lb wt, 2200 Lb wt)

Indirect heating (ID): The thermoplastic material is heated via thermal transfer oil in a separate chamber heated by the burner. Standard capacities: 250 L, 400 L, 600 L, 800 L, 1100 L, 1600 L, 2500 L (550 Lb wt, 880 Lb wt, 1320 Lb wt, 1760 Lb wt, 2420 Lb wt, 3520 Lb wt, 5500 Lb wt)



REVISION-003

HYDRAULIC POWER UNITS



Depending on the number of preheaters, we offer two options of hydraulic power units:

- BM PS-15 HYDRAULIC POWER UNIT, which is suitable for powering one with a higher capacity than 1100 L (4840 lbs) or sets of two preheaters
- BM PS-9 HYDRAULIC POWER UNIT, which is suitable for powering one preheater only.

BM PS-9

7.0 kW (9HP) at 3600 rpm.

Air-cooled 1-cylinder diesel engine.

83 L (22 gal) diesel oil tank with level control and diesel oil filter.

4,5 cm³/rpm hydraulic pump with safety valve.

Capacity 11 L/min v. 2400 rpm.

66 L (17.5 gal) hydraulic oil tank with filter.

Alternator 12 V DC/60 Amp.

Engine foundation with vibration absorbers.

Noise level @ 7m distance ≈ 68 dbA

BM PS-15

9.5 kW (13 HP) at 3600 rpm.

Watercooled 2-cylinder diesel engine.

83 L diesel oil tank with level control and diesel oil filter.

2x4,5 cm³/rpm hydraulic pump with safety valve.

Capacity 2x11 L/min v. 2400 rpm.

66 L (17.5 gal) hydraulic oil tank with filter.

Alternator 12 V DC/55 Amp.

Engine foundation with vibration absorbers.

Noise level @ 7m distance ≈ 73 dbA

