

Oxifree Polymelt 50 Application Machine Datasheet 2011



The Polymelt 50 was designed to offer the following advantages:

- Greater levels of sustained working application of the Oxifree TM198 material
- The machines have been designed to go in a handy transport and storage trolley
- The 50lb machine features a remote control unit to control flow pressure and pump operation at point of application
- Machines can operate all day, but do not require removal of material or cleaning when finished
- Totally self sufficient without the need for a separate compressor to pressurize the expelled material

Specifications

Hopper Capacity	22KG / 50lbs
Operating Temperature	10 to 218°C / 50 to 425°F
Melt Rate (per hour)	10kg/hr / 23Kg/hr / 50lb/hr
Melt Rate (per hour) w/ Option Grid	41Kg/hr / 90lb/hr
Pump Rate per minute	Piston / 4.5cc Gear = .91Kg / 2lb Piston / 10cc Gear = 1.8Kg / 4lb
Piston Pump Compression Ratios	12:1

Gear Pump Standard	4.5cc/rev 1.5, or 10cc
Hose Output Zones	2
Maximum Working Hydraulic Pressure	68 bar (1000psi)
Temperature Control Stability	±1°C / 1°F
Electrical Service Standard	240 VAC 1 Phase or 3 Phase 50/60Hz 380 VAC 3Phase Y 50/60 Hz
Working Viscosity	500-50,000 cps

Dimensions of Machine	
Height (H)	61cm / 24in
Depth (D)	84cm / 33in
Width (W)	35.5cm / 14in
Weight (Empty)	50kg / 110lbs
Hose Length	24ft standard

Dimensions of Machine mounted in enclosure trolley	
Height (H)	109cm / 43in
Depth (D)	121cm / 48in
Width (W)	96.5cm / 38in
Weight (Empty machine)	173kg / 380lbs
Hose Length	24ft standard

For more information please contact



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