

Oxifree Polymelt 50 Mk3

Datasheet 2026



The Polymelt 50 Mk3 was designed for the purpose of melting and pumping Oxifree Metal Protection polymers only.

Specifications

Hopper Capacity	22Kg / 50lbs
Operating Temperature	10 to 180°C / 50 to 356°F
Melt Rate with Pre-Melt Grid	41Kg/hr / 90lb/hr
Pump Rate per minute	8.5cc Gear = 0.5Kg / 1.1lb
Gear Pump Standard	8.5cc
Hose Output Zones	2 (1 in operation at any time)
Maximum Working Hydraulic Pressure	68 bar (1000psi)
Minimum Hose Burst Pressure	510 bar (7310 psi)
Applicator Maximum Hydraulic Pressure	103 bar (1500psi)
Maximum PRV Set-point Pressure	40 bar (580psi)
Operating Nozzle Output Pressure	0.75 bar (11 psi)
Temperature Control Stability	±1°C / 1°F
Electrical Configurations	Standard: 220/240 VAC 1 Phase 50/60Hz 30Amp Options: 380/415 VAC 3 Phase 50/60Hz 16Amp (with Neutral Line) 220-240 VAC 3 Phase 50/60Hz 16Amp (without Neutral Line) CE Standard conformity
Working Viscosity	500-50,000 cps

Dimensions of Machine mounted in enclosure trolley

Height (H)	878mm
Depth (D)	1050mm
Width (W)	500 mm
Weight (Empty machine)	131kg / 289lbs
Hose Length	15m/50ft

