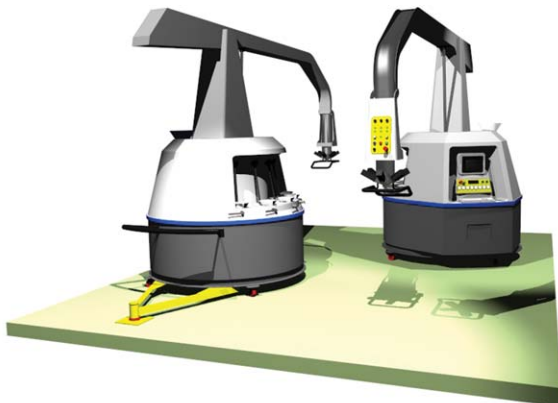


MPU-500(PC)

Melt Processing Unit

The MPU-500(PC) is a mobile, automatic melt processing unit designed to dispense precise quantities of activated monomer melts as used in cast nylon.



- Fully programmable PC command centre for all machine processes
- Mobile, automatic blend and melt unit for a range of cast nylon grades
- Unit contains five 20 litre component tanks and one 400 litre monomer tank
- Each tank and respective delivery line can be individually heated to different temperatures

SPECIFICATION

Monomer Tank Capacity:	400 litres
Component Tanks Capacity:	20 litres
Dispensing Flow Rate:	5 to 50 l/min
Weight:	1700kg
Max. Power Consumption:	43.5kW

Power supply is available in a range of industry standards to accommodate local services.

The MPU-500(PC) comprises of six tank / pump assemblies integrated within a common structure with an easily removable casing.

The unit is supported on castors and has the option of a slewing ring or a powered steerable wheel enabling easy movement.

Jacketed hoses transport the various chemicals via an articulated arm to a multivalved head where they are recirculated or mixed and dispensed into an appropriate vessel or mould.

All electrical and electronic controls are integrally contained in sealed cabinets. Full PC. control enables all of the machines functions to be monitored and accessed from the command centre whilst dispensing controls are positioned at the mixing head.

The six stainless steel chemical tanks are oil jacketed and immersion heated. They are also equipped with variable speed agitators and are designed to operate at high vacuum.

Each tank supplies its own pump assembly, delivery hoses and mixing head valve with oil at the required temperature. The tanks are further fitted with level gauges, atmospheric controls and chemical filling ports.

Situated beneath each tank assembly is a precision stainless steel gear pump, itself driven by a variable speed servo motor equipped with an encoder which provides a closed loop speed control and highly accurate control over the dispensing of activated nylon monomer.

Global EPP reserves the right to alter specifications without prior notice.

