

# LUBRIMIX 3000

## *Coolant mixing and distribution system*

The LUBRIMIX 3000 coolant mixing station, is capable of delivering freshly mixed coolant via a distribution pipework system or locally via a dispensing gun. Quick delivery and accurate mixing.



Free standing unit with bund



Wall mounted unit

- *Suitable for direct connection to water supply*
- *Stainless steel water and emulsion tanks*
- *Free standing or wall mount options*
- *Accurate mixing*
- *Up to 400M distance and 30M height*
- *3000L/Hour flowrate*
- *Auto stop for empty water or concentrate*
- *Conforms to Water Authority regulations*

## LUBRIMIX 3000 Operation

Via a water pump, fresh water is pumped through the mixing unit into the emulsion tank. During the mixing process, a pre-set quantity of concentrate is added to the fresh water. When the emulsion tank is full, the floating switch in the emulsion tank will switch off the water pump. The water level in the system separator (backflow preventer) is also controlled by a level switch, which opens the fresh water supply as required. The mixed emulsion is then pumped to the individual CNC machines via the supply pump. When no top up is required – the coolant top up valve/nozzles are shut, a pressure and flow monitor will automatically switch off the supply pump. As the fresh water reduces in the water tank it is refilled automatically by means of the floating switch valve, allowing the machine to be operated continuously.

### Technical data

<b>Power supply</b>	V - Hz	230 - 50
<b>Power consumption</b>	kW	1
<b>Flowrate</b>	Litres/min	50
<b>Water connection</b>	inches	G3/4
<b>Connection specification</b>	conforms	DIN EN 1717, Type A
<b>Dimensions (Free standing unit)</b>	L x W x H	850 x 850 x 1420 mm
<b>Dimensions (Wall mounted unit)</b>	L x W x H	820 x 575 x 700 mm
<b>Weight (Freestanding / Wall mount)</b>	Kg	60 / 40