

# SMART 2



**Oil lubrication pumps  
for Orifice (01)  
and Injector (33V)  
Lubrication Systems**



**Automatic Lubrication Systems**

**SMART2**

**GB  
USA**

# OIL LUBRICATION PUMPS for Orifice (01) and Injector (33V) Lubrication Systems



The SMART2 range oil lubrication pumps provides innovative pump packages for the machine Tool Industry.

The SMART2 Electric Gear Pump has been designed for systems with a working pressure of up to 28 bar.

## Innovative pump package for the machine tool industry

All units are fitted as standard with built in Pressure switch, Low Level Switch and Pressure Gauge and PCB user interface.

The pumps are available either with a built in controller card which controls the entire system or the manual version can be connected to a separate control device.

The controlled versions contain the Dropsa "VIP05" controller offering all the benefits of an advanced lubrication controller and infra-red programming.

It is suitable for systems requiring flow rates of up to 100cm<sup>3</sup>/min and pressure of up to 28 bar.

### ORDERING INFORMATION

Codice	Descrizione
3600240	Manual SMART2 110V /50 Hz
3600241	Manual SMART2 110V / 60Hz
3600242	Manual SMART2 230V / 50 Hz
3600210	Automatic SMART2 110V / 50 Hz
3600211	Automatic SMART2 110V / 60 Hz
3600212	Automatic SMART2 230V / 50 Hz

### TECHNICAL CHARACTERISTICS

Reservoir Capacity	3 lt (0.66 galls) in oil-proof transparent plastic		
Compatible lubricants	Mineral oil		
Storage temperature	- 20°C + + 60°C (-4°F + +140°F)		
Electrical power	110 / 220 V AC 50 Hz 110 V 60 Hz		
Absorbed consumption	110V/50Hz	110V/60Hz	220V/50Hz
	162W	155W	150W
Pump flowrate	110V/50Hz	110V/60Hz	220V/50Hz
	180	220	180
	cm <sup>3</sup> /min (10,98 cu.in.)/min	cm <sup>3</sup> /min (13,42 cu.in.)/min	cm <sup>3</sup> /min (10,98 cu.in.)/min
Max. pressure	30 bar (411psi)		
Lubricant viscosity (Working temperature)	68 + 320 cSt (320 + 1480 SUS)		
Working temperature	+ 5°C + + 60°C (+41°F + +140°F)		
Working humidity	90% max relative humidity		
Mechanical Protection Grade	IP 55		
Pressure sound continuous level	< 70 dB (A)		



## Features

- Cycle time: 10 seconds to 2 minutes (10 seconds increments).
- Pause Time: 1 minute to 60 hours (1 minute increments).
- Cycle and Level monitoring capabilities.
- 4 Digit Display for easy operation and setting.
- InFra red program download function.
- External Cycle Counting Capability .
- Suspend function (pause and cycle).