

## FLEXXPUMP 400 FLEXXPUMP 500

Automatic Re-lubrication System

- Up to 4 outlets
- Battery operated 3.0V or 24VDC time control, pulse control or external control
- Operating temperature -20° to 70°C
- Maximum 70 bar (1000 psi)
- Easy to install
- Programmable
- Easy to operate
- Replaceable grease cartridae or refillable oil uni

For Grease



For Oil

### **MODELS AVAILABLE:**

### **Battery operated:**

FP401B FP402B FP501B FP502B

#### 24VDC time controlled:

FP401 FP402 FP501 FP502

### 24VDC pulse controlled:

FP401DLS FP402DLS FP403DLS

FP404DLS FP422DLS FP501DLS FP502DLS

FP503DLS FP504D<u>LS FP522DLS</u>

#### **FLEXXMASTER** controlled:

FP401FM FP402FM FP403FM FP404FM FP422FM FP501FM FP502FM FP503FM FP504FM FP522FM



### **MODELS AVAILABLE:**

### For Grease

FLEXXPUMP 1502 – 2 OUTLETS FLEXXPUMP 1504 – 4 OUTLETS FLEXXPUMP 1506 – 6 OUTLETS FLEXXPUMP 1508 – 8 OUTLETS FLEXXPUMP 1510 – 10 OUTLETS



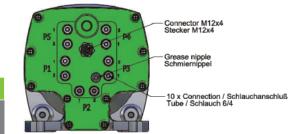
#### For Oil

FLEXXPUMP 2002 – 2 OUTLETS FLEXXPUMP 2004 – 4 OUTLETS FLEXXPUMP 2006 – 6 OUTLETS FLEXXPUMP 2008 – 8 OUTLETS FLEXXPUMP 2010 – 10 OUTLETS

## FLEXXPUMP 1500 FLEXXPUMP 2000

Automatic Re-lubrication System

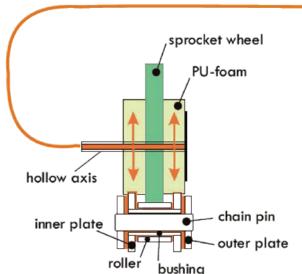
- Maximum 10 outlets
- 24VDC supply
- Operating temperature -20°C to 80°C
- Modular system, simple and easy to install
- Rotating piston pump (patented by TriboServ)
- Programmable
- Max. back pressure: 70bar / 1,000 psi
- Replaceable grease cartridge or refillable oil



## FLEXXPINION FLEXXROLL

Lubrication Solution for Chains





- Open pore PU foam
- Temperature range 30°C to 150°C
- Suitable for Oil and Grease
- Easy Installation for Retro Fit
- Available in various sizes

cross-section chain lubrication pinion and chain

- The PU foam stores the oil or grease and releases it at minimal quantity to the contact surface
- Lubricant is supplied from the Flexxpump to the tube going to the PU foam







## **FLEXXGEAR**

ubrication Solution for Open Gears



- Open pore PU foam
- Temperature range -30°C to 150°C
- Segmented Design
- Suitable for Oil and Grease
- Easy Installation for Retro Fit
- Available in various sizes and gear types



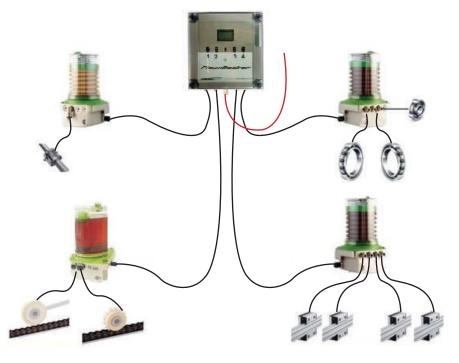


## **FLEXXMASTER**

A new generation centrally controlled lubrication system

- Controls up to 4 FlexxPumps
- Each pump can be programmed individually
- 24VDC Power Supply
- Operating temperature -20°C to 80°C
- Easy to install
- Easy to operate



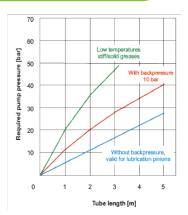


### FLEXXPUMP MONITORING



## TriboServ

## QUICK CHECK FUNCTION



Displays the back pressure reading of the pump



Wbrication point needs to be checked. Pump stops as it has reached the max. pressure (E2).

> Critical region: tubing maybe too long, lubrication point clogged . Used grease prevents re lubrication.

Very high back pressure grease could get damaged careful with sealings !

Higher back pressure caution danger of oil separtion using pump sensitive greases!

Normal back pressure, also using longer tubing => OK

Low back pressure -"gentle and safe" transportation of the grease.

# FAULT DETECTION



E1 - EMPTY CARTRIDGE



E2 - HIGH BP READING





E3 - BATTERY EMPTY



BACK PRESSURE READING DISPLAY

## **APPLICATIONS**





**CONVEYOR CHAIN** 

**COOLING TOWER** 





**CNC MACHINE** 

**VACUUM PUMP** 





EXHAUST AIR HANDLING UNITS



### **ACCESSORIES**



PA TUBE
Polyamide PA 12
For oil and grease
Pressure up to 70 bar
Temp range -20°C to 90°C



GREASE, SOLID CARTRIDGE 400 cm3



TUBE FITTINGS
Brass, Nickel Plated
For oil and grease
Pressure up to 70 bar
Temp range -20°C to 90°C



SPLITTER
Available in 1:2ports, 1:3ports &
1:4ports
For oil and grease
Temp range +10°C to 80°C
Ideal for symmetrical applications
like linear guides



POWER SUPPLY Input Voltagae: 100/240VAC Output Voltage: 24VDC



TENSIONER
Tensioning force of 350N
Maximum Deflection: 50mm

## **WARRANTY AND SERVICES**

The Flexxpump is covered by 1 year warranty.



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