

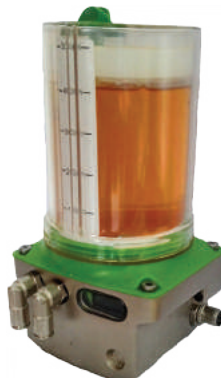
## FLEXXPUMP 400 FLEXXPUMP 500

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 cartridge or refillable oil unit



**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	
FP504DLS	FP522DLS

#### FLEXXMASTER controlled:

FP401FM	FP402FM	FP403FM
FP404FM	FP422FM	
FP501FM	FP502FM	FP503FM
FP504FM	FP522FM	

## MODELS AVAILABLE:

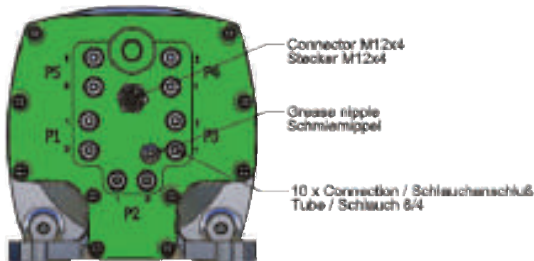
### For Grease

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



### For Oil

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



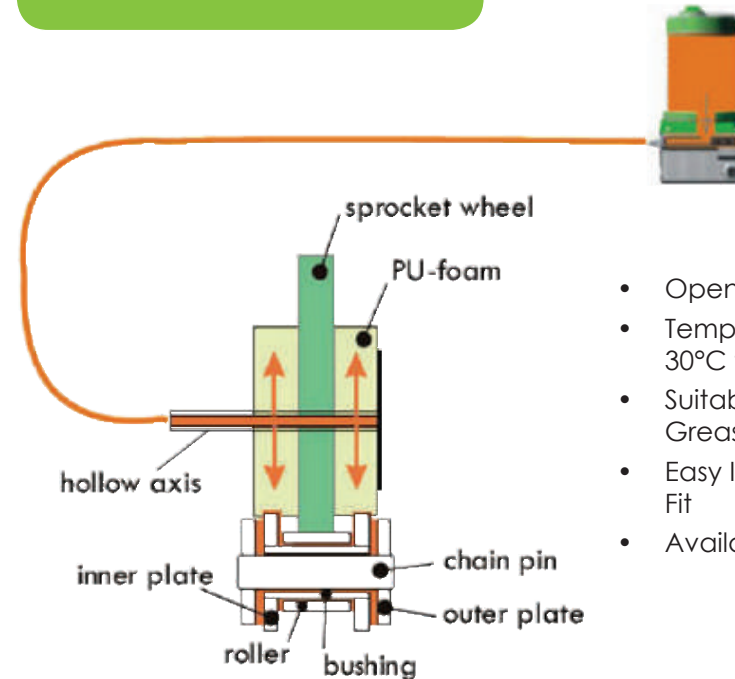
## FLEXPUMP 1500 FLEXPUMP 2000

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

## FLEXPINION FLEXXROLL

Lubrication Solution for Chains



cross-section  
 chain lubrication pinion  
 and chain

- 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

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

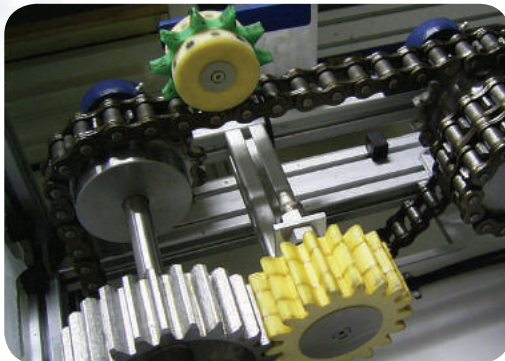


## FLEXXGEAR

Lubrication Solution for Open Gears



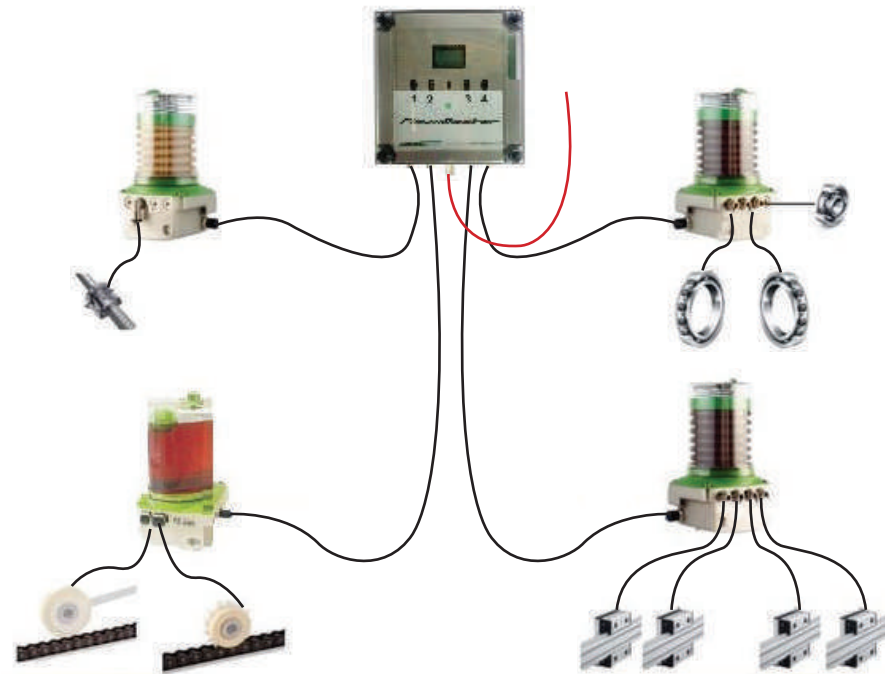
- Open pore PU foam
- Temperature range -30°C to 150°C
- Segmented Design
- Suitable for Oil and Grease
- Easy Installation for Retro Fit
- Available in various sizes and gear types



## FLEXXMASTER

A new generation centrally controlled lubrication system

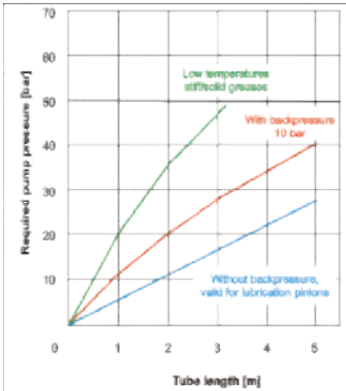
- Controls up to 4 FlexxPumps
- Each pump can be programmed individually
- 24VDC Power Supply
- Operating temperature -20°C to 80°C
- Easy to install
- Easy to operate



# FLEXPUMP MONITORING



## QUICK CHECK FUNCTION



**Lubrication point dogged**

Lubrication 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 separation using pump sensitive greases!**

**Normal back pressure, also using longer tubing => OK**

**Low back pressure - „gentle and safe“ transportation of the grease.**

**Quick Check is a new easy method to make a preventive check on a lubrication point. It only takes a few seconds and does not require a special effort. The measurement of the back pressure is done during the dispensing pumping process and the result will be shown on the display.**

**Example: Quick Check result, shown on the display**

**Lubrication point in perfect condition. Grease easy to pump**

Displays the back pressure reading of the pump

## FAULT DETECTION

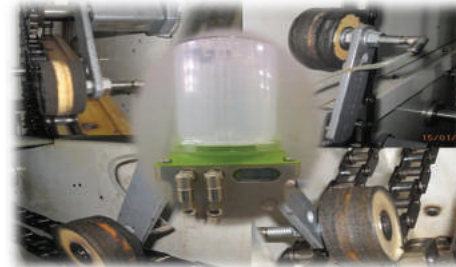
E1 - EMPTY CARTRIDGE

E3 - BATTERY EMPTY

E2 - HIGH BP READING

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 cm<sup>3</sup>



**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 Voltage: 100/240VAC  
Output Voltage: 24VDC



**TENSIONER**  
Tensioning force of 350N  
Maximum Deflection: 50mm

## WARRANTY AND SERVICES

The Flexxpump is covered by 1 year warranty.