



# MOTORIZED TRANSFER PUMPS

## MOTOLUBERR

MOTOLUBERR 180KG



MOTOLUBERR PAIL



MOTOLUBERR 40KG



### WHY LUBERR ALS ON YOUR EQUIPMENT ?

In today's market the machine is considered best when it is available to the customers 100% throughout the day. There are various reasons for machine not available for production. And greasing the machine manually is considered the major reason for machine stoppage and production loss.

Customer not minding the periodic greasing and running the machine 100% without regular interval of greasing feel they have achieved the production but fail to understand that they stand to lose more on the bush failure and serving cost. Eventually bringing down the machine life as the worn out bushes without lubrication causes heavy stress on the machine body and construction. This cannot be controlled by the machine manufacturer knowing the customer problem.

The only solution to the above problem for both customer and the machine manufacturer is LUBERR - AUTOMATIC LUBRICATION SYSTEM.

- 👉 Improves equipment availability by reducing downtime
- 👉 Increased equipment bearing life due to periodic lubrication
- 👉 Saves minimum 40% grease wastage.

### RIKKON GROUP OF COMPANIES

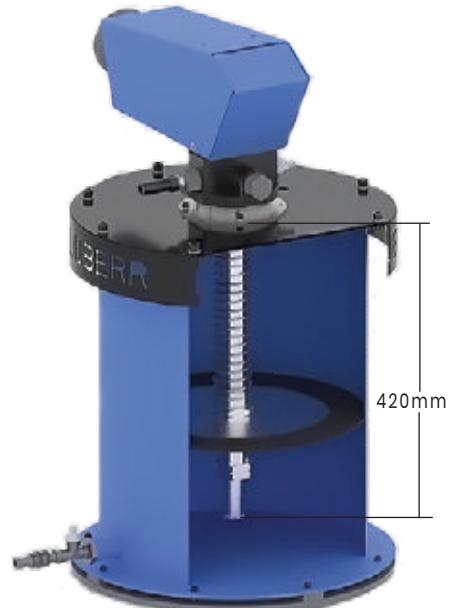


## HOW MOTOLUBER WORKS ?

MOTOLUBERR operates due to the reciprocating motion of the pump piston connected to a cam. The grease is sucked and delivered from the tap outlet. It is a high pressure pump delivering commercial greases up to NLGI class-2. This reciprocating type pump carries the lubricating grease to the lubricating point via a progressive distributor or injectors.

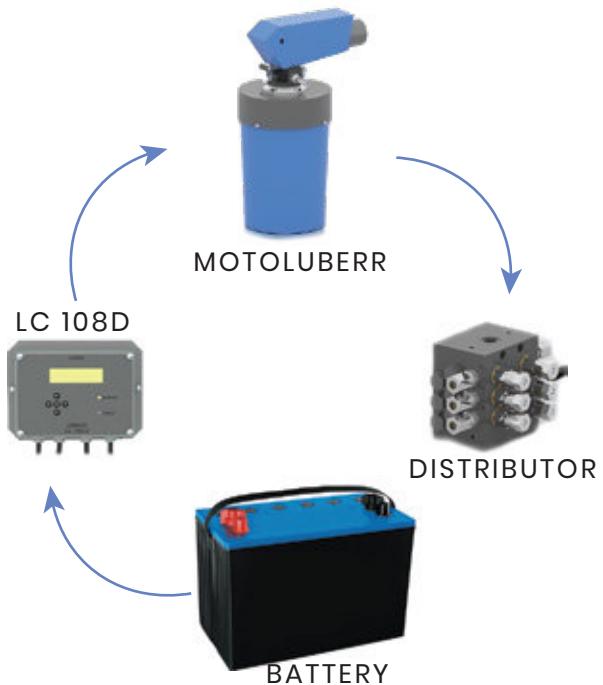
MOTOLUBERR special follower design for positive suction and avoid frequent air locks Double check valve ensures minimum loss in pressure up to 350bar. However the PRV is set at 300 bar.

Motoluberr has suction filter that prevents the pump from contamination and leading to less failure of pump parts and rubber components. Output volume of max 350 cc/min and maximum pressure upto 350 bar can be easily achieved by these MOTOLUBERR



**MOTOLUBERR PUMPS**

**INJECTOR SYSTEM GENERAL LAYOUT**

**DISTRIBUTOR SYSTEM GENERAL LAYOUT**

**MOTOLUBERR TECHNICAL SPECIFICATIONS**
**For Injector type**

**For Distributor type**


Operating Voltage	24 VDC	24 VDC / 230 VAC / 440 VAC
Capacity	30 KG	18 KG / 180 KG
Output	350 cc/min	350 cc/min
Max. working pressure	350 Bar	350 Bar
Optional Assesories	LC 108D	LC 108D controller , Hose reel
Low Level Indicator		Optional

**HOW TO PLACE AN ORDER ?**

**MCP** - **XX** - **XX** - **X** - **XX**

24 = 24 VDC (DC - 120rpm)  
 230 = 230 VAC single phase  
 415 = 415 VAC Three phase

30 = 30 KG  
 18 = Pail 18 Kg  
 (distributor model)  
 180 = 180 Kg

I - Injector (24 V DC )  
 P - Progressive Distributor  
 ( only for 180 KG )  
 HR - Hose Reel

**FEATURES OF MOTOLUBERR**

LC 108D Controller



Motor AC / DC



injectors



LCV



Hose reel



Distributors

**FEATURES OF MOTOLUBERR**



Stage 1: Vacuum is created at the foot valve.



Stage 2 :Grease gets sucked in to the cylinder.



Stage 3:Grease is compressed between the piston and cylinder wall.



Stage 4 :Grease is delivered out through the output part and the cycle continues.

The Motor runs at 120 rpm and delivers ~ approx. 350 gms of Grease.

## APPLICATIONS



## contact us



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