

LUBRITE

Single Line Grease Lubrication Systems



MANUAL

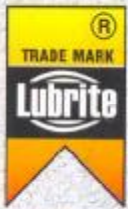
PNEUMATIC



MOTORISED



Right way to
Lubrication...



Right way to Lubrication...

MANUAL GREASE PUMPS

Model : LGP-05
LGP-15

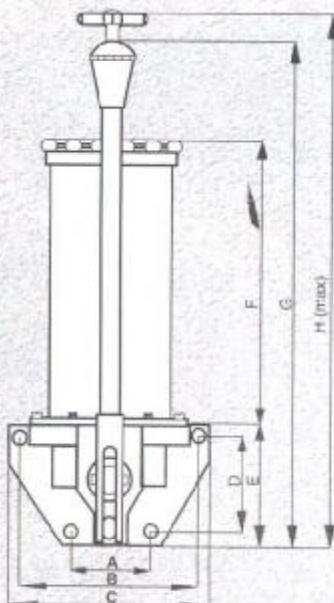
Lubrite Manual Grease Pumps are meant to deliver grease to the bearings and other moving parts of the various machines.

These Pumps suck the grease through Suction Port by pulling the handle maximum out & eject determined amount of grease under pressure when the handle is pushed back.

These pumps are wall mounted and should be installed in vertical position at a place conveniently accessible to the operator.

These pumps have outlet ports of 1/4" BSP on both sides. Lubrication line can be taken from either of the outlets through Check valve Assembly and the other outlet is to bleed the entrapped air in the grease through Bleed valve.

Gun filler attachment is recommended for refilling the reservoir of the pump with grease to avoid air locks or risk of contamination of grease from foreign matter.



TECHNICAL SPECIFICATIONS:

	LGP-05	LGP-15
Reservoir Capacity	0.5 kg	1.5 kg
Discharge per stroke	2.5 gm	5.0 gm
Maximum Pressure	70 kg/sq.cm.	100 kg/sq.cm

Recommended Grease - NLGI 1 or 2

DIMENSION IN MM	A	B	C	D	E	F	G	H (max)
LGP-05	125	125	138	45	60	174	215	315
LGP-15	65	140	160	75	95	225	400	500



Right way to Lubrication...

MANUAL GREASE PUMPS

Model :LGP-50

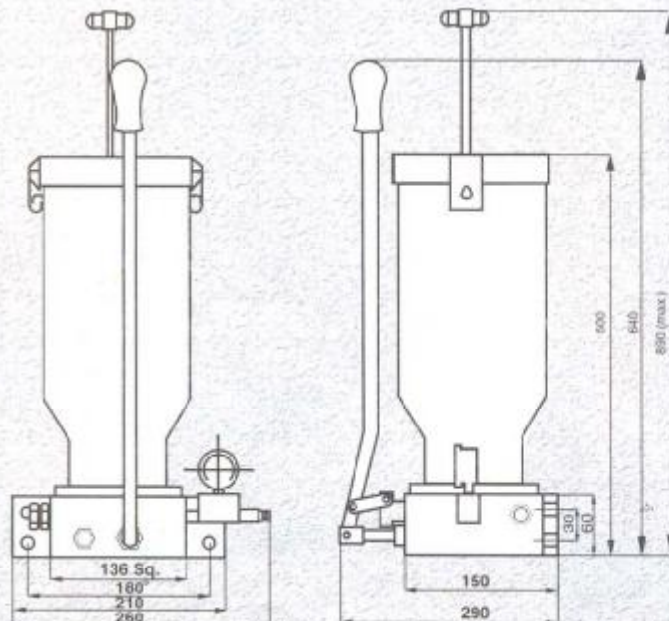
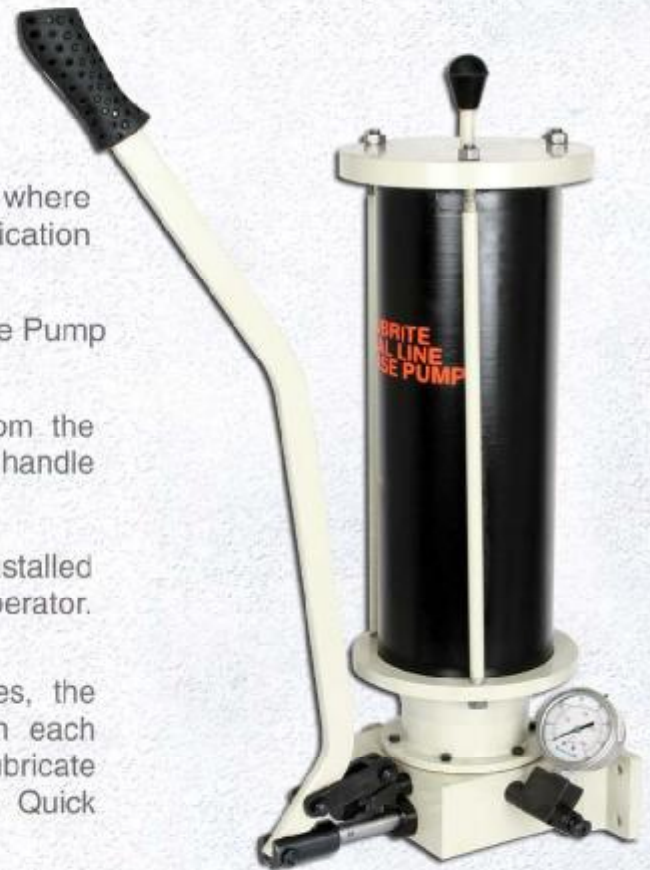
These are heavy-duty Grease Pumps and are used where the total no. of points are more than 20 or the lubrication lines are lengthy.

To avoid the extra load on operator, the handle of the Pump is extra long and is equipped with Lever system.

When the handle is pushed, grease is sucked from the reservoir and is ejected under pressure by pulling the handle out.

These Pump are wall mounted and should be installed vertically at a place conveniently accessible to the operator.

In case of Plant Lubrication with various machines, the distributors or Progressive Blocks are mounted on each machine and the pump is mounted on the trolley to lubricate the plant with the help of Flexible Hose Pipe and Quick Release Coupling.



TECHNICAL SPECIFICATIONS:

Reservoir Capacity 5 kg
Discharge per stroke 10 gm
Maximum Pressure 120 kg/sqcm.
Recommended Grease :
NLGI-1 OR 2.



Right way to Lubrication...

PNEUMATIC GREASE PUMPS

Model : LGP- Pn.15

The Pneumatic Cylinder is built-in with the Pump and is operated with Pneumatic lines connected to the ports of the cylinder through manual / electrical Direction Control Valve.

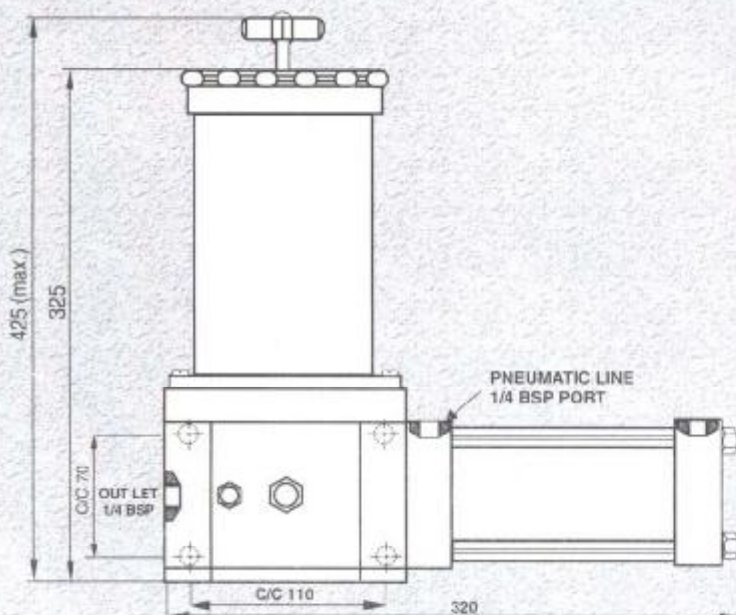
During the forward stroke, grease is ejected under pneumatic pressure from the outlet port of the pump body and during the reverse stroke of the cylinder grease is sucked through suction port in to the pump body.

These pumps are wall mounted and should be installed in vertical position at a place conveniently accessible to the operator.

Bleed Valve is provided on the pump body to bleed air entrapped in the system. Before operating the Pump, Bleed Valve is kept open till the continue flow of grease starts from it.

A tell tale rod projecting through the container top indicates the remaining grease at any time.

To ensure that Pneumatic lines to the pump is dust & moisture free - Provide Filter & Regulator unit in the air lines.



Specifications

Reservoir Capacity	1.5 kg
Discharge per stroke	1-5 gm
Maximum Pressure	50 kg/sqcm.
Input Pneumatic Pressure	4-6 kg/sq.cm.
Minimum frequency of operation	1 minute

Recommended Grease - NLGI 1 or 2

LGP. Pn. 15



Right way to Lubrication...

MOTORISED GREASE PUMPS

Model : AGP- 07/15
AGP -50

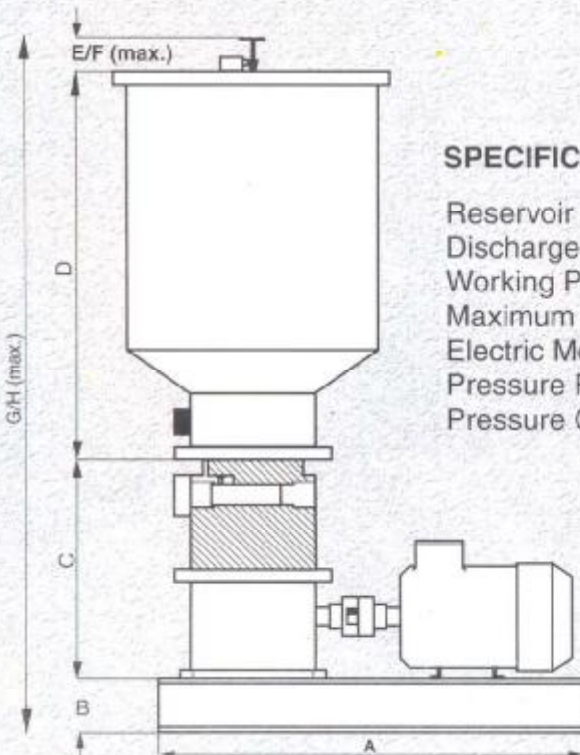
Lubrite Automatic Single Line Grease Pump consists of Reciprocating Motor Driven Plunger Pump with inbuilt Gear Box.

The Pump incorporate a large grease reservoir with a follower plate & tell tale rod.

Limit Switch is provided on the top of the reservoir to indicate full & empty level of grease.

The pump outlet is connected to Pressure Relief Valve. Bleed Valve is provided on the pump body to bleed air entrapped in the system. Before operating the pump, Bleed Valve is kept open till the continue flow of grease starts from it.

The whole system is controlled with Electric Control Panel.



SPECIFICATIONS

	AGP-07/15	AGP-50
Reservoir Capacity	7 & 15 kg	50 kg
Discharge per minute	35 gm	125 gm
Working Pressure	100 kg/sq.cm.	200 kg/sq.cm.
Maximum Pressure	150 kg/sq.cm.	300 kg/sq.cm.
Electric Motor 3 Phase, 1500 rpm	0.5 HP	1.5 HP
Pressure Relief Valve (in bar)	175 kg. sqcm.	315 kg/sqcm.
Pressure Gauges (in bar)	0 to 210 kg/sqcm.	0-500 kg/sqcm.

Recommended Grease - NLGI 1 or 2

DIMENSIONS IN MM	A	B	C	D	E	F	G	H (max.)
AGP-07/15	500	75	220	400	100	500	795	1295
AGP-50	700	75	345	550	100	500	1070	1570



Right way to Lubrication...

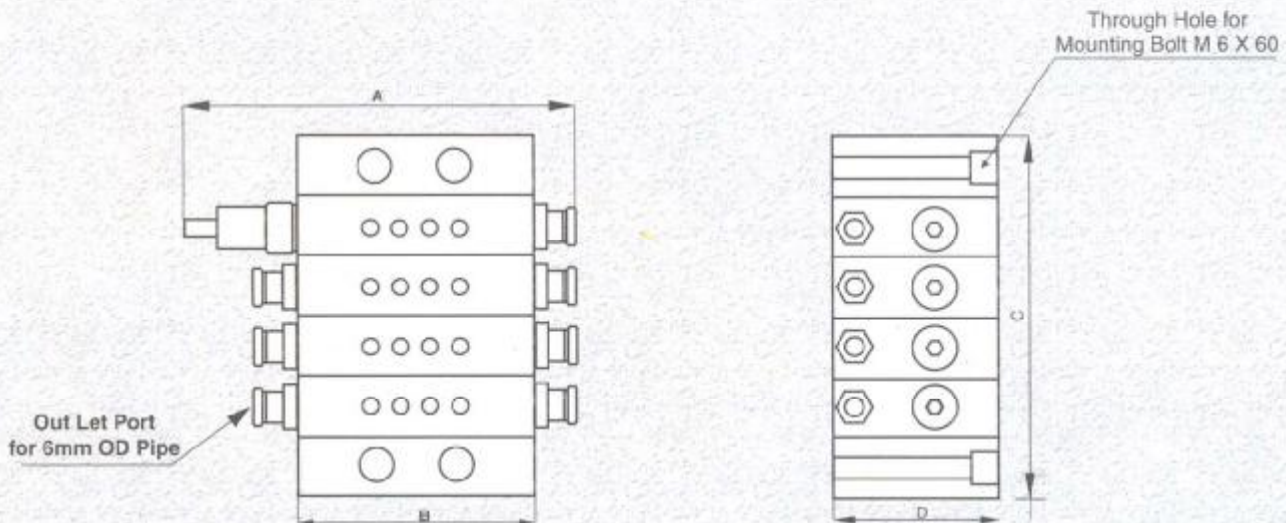
PROGRESSIVE BLOCKS

Progressive Block with one inlet & number of outlets is a hydraulic valve in block form which divides in going grease in equal metered amount with the help of plunger pins moving to & fro in the controlled holes of the segments.

With the input grease pressure, piston pins move to one side in sequence ejecting metered amount of grease. When passage is clear from last to the first outlet, cycle is repeated.

Outlets from Progressive Block must be connected with lubrication points. **DO NOT BLOCK ANY OUTLET OF PROGRESSIVE BLOCK.** It will stop working in case of choking of any lubrication points.

To get the indication, one of the plungers is extended out. When this plunger moves, the indication pin can be visualized which ensures the working of the Block. Electric Sensing can also be monitored by providing Proximity Switch in the block.



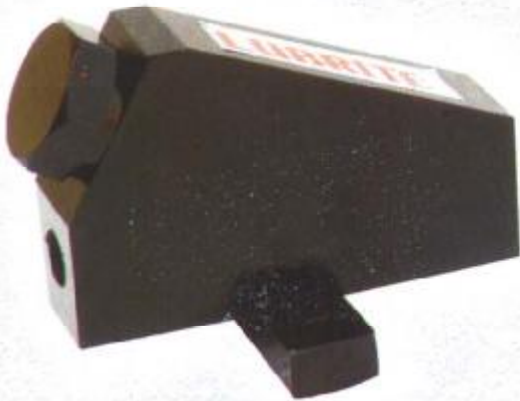
DESCRIPTION	MODEL	A	B	C	D
Progressive Block 4 ways	PB4	125	75	75	50
Progressive Block 6 ways	PB6	125	75	95	50
Progressive Block 8 ways	PB8	125	75	115	50
Progressive Block 10 ways	PB10	125	75	135	50
Progressive Block 12 ways	PB12	125	75	155	50
Progressive Block 14 ways	PB14	125	75	175	50
Progressive Block 16 ways	PB16	125	75	195	50

All Dimensions are in mm.

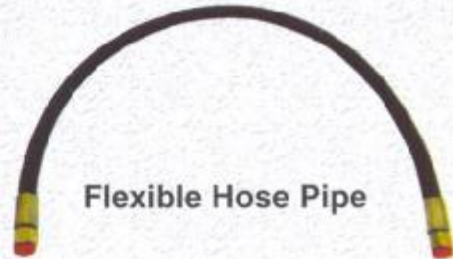


Right way to Lubrication...

ACCESSORIES



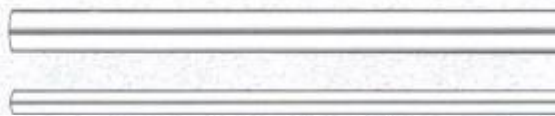
Inline Grease Filter



Flexible Hose Pipe



Pipe Clamps



Steel Pipes



Double End / Straight Connectors



Quick Release Coupling

Lubrite Single Line Grease Lubrication Systems are widely accepted in various plants such as :

- Machine Tools
- Paper Mills
- Rubber Processing Industries
- Food Processing Industries
- Cement Plants
- Coal Mines
- Forging Industries
- Rolling Mills
- Printing & Packaging Industries



LUBRITE INDUSTRIES

Opp. B. N. Duggal Petrol Pump,
G. T. Road, PHAGWARA-144 401 (Pb.) India
Ph. 01824-228438, 309988 Fax : 01824-228438
E-mail : lubrite75@hotmail.com

Right way to Lubrication...