



# HYDRAULIC CANNON PUMP

## CHARACTERISTICS

- **HYDRAULICALLY ACTIVATED PISTON**
- **HIGH-DENSITY LUBRICANTS: NLGI 000 ÷ NLGI 2**
- **Pressurised pumping**
- **COMPLETELY MADE OF CARBON STEEL**
- **RESERVOIR RETURN CONNECTION**

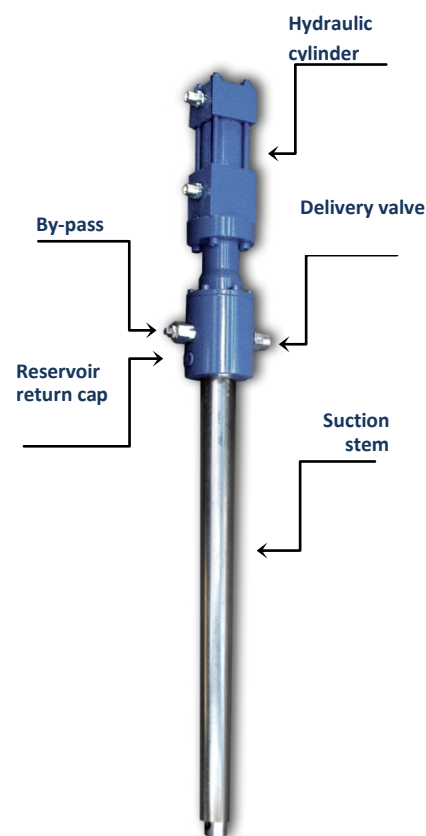
## CANNON-HYDRAULIC PUMP

The **Hydraulic-Cannon Pump** is a piston pump driven by a hydraulic cylinder, powered by an external oil pump and an invert valve.

Canon-Hydraulic is an automatic lubrication system for fixed and mobile equipment, and is used in those workplaces where filling with high-pressure lubricant grease (e.g. bearings, hubs, pins, joints, etc.) is required, such as in quarries, mines, and industrial and manufacturing applications.

Completely made of carbon steel. The design characteristics of the pump even allow suction of high-density lubricants without the need for priming or adding oil to assist the operation.

In conjunction with a suitable pressure disk, the pump guarantees suction of the entire barrel content without air pockets.



## TECHNICAL INFORMATION

### MAIN CHARACTERISTICS

Pumping system	Hydraulically activated piston	
Pumping outlet connection	G3/8" – UNI ISO 228/1	
Coupling for return to reservoir	G1/4" – UNI ISO 228/1	
Hydraulic cylinder connections (A - B)	G3/8" – UNI ISO 228/1	
Fastening ring on the barrel lid (removable)	Rc 2" UNI-ISO 7/1	
Maximum use pressure	400bar	
By-pass pressure	Adjustable 80 bar ÷ 450 bar	
Grease consistency	NLGI 000 ÷ 2	
Output flow rate	5cc/stroke	
Minimum supply oil pressure	30 bar	
Supply oil volume per stroke (suction + man.)	83.5cc	
Compression ratio	10:1	
Maximum pumping frequency (2 inversions = suction + man.)	100 strokes per minute	
Max. level of oil feed contamination	ISO 4406: 1999 class 20/18/15	
Oil supply viscosity	10cSt ÷ 400cSt	
Storage temperature	-30°C ÷ +90°C	
Operating temperature	+5°C ÷ +60°C	
Sound pressure level	< 70 db (A)	
Stem size for barrels	20/25Kg - 50Kg - 180/200 Kg	
Net weight	Stem for barrels 20/25Kg	10.7Kg
	Stem for barrels 50Kg	11.2Kg
	Stem for barrels 180/200Kg	12Kg

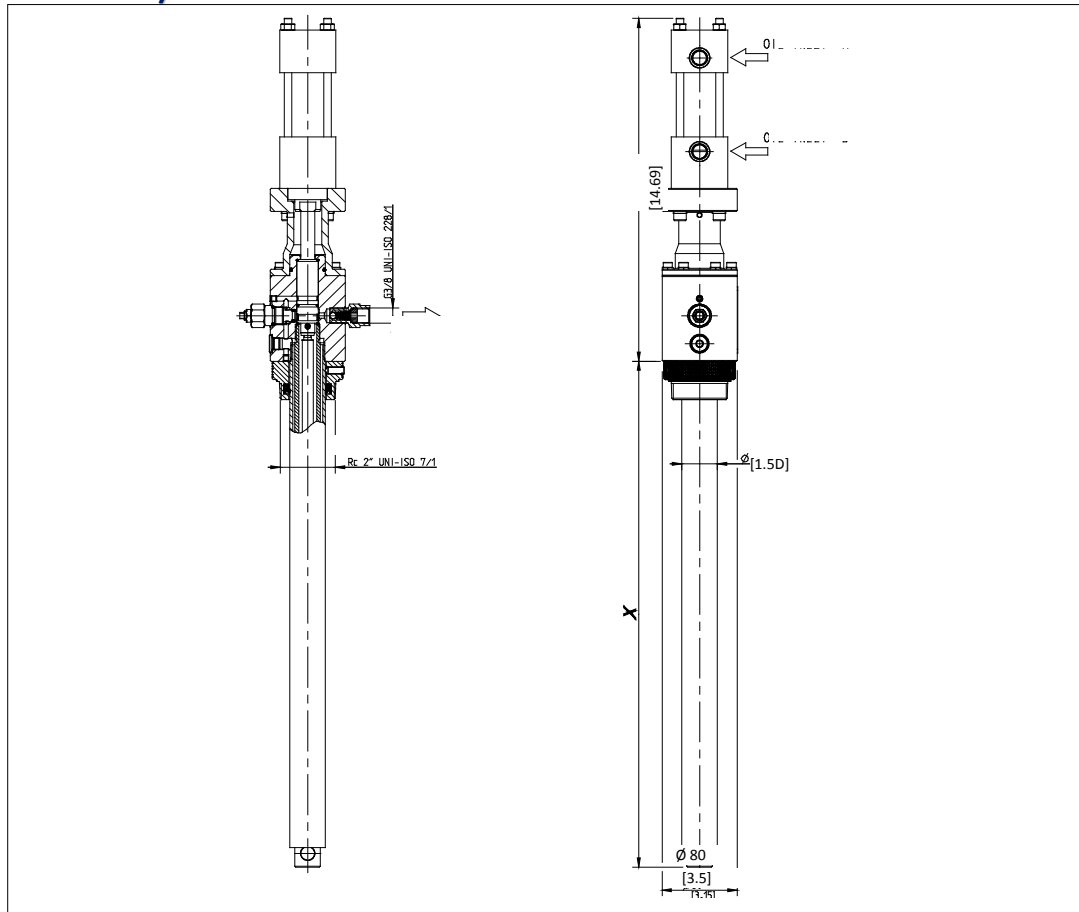
## APPLICATIONS

- **QUARRIES**
- **MINES**
- **INDUSTRIAL APPLICATIONS**
- **PRODUCTION APPLICATIONS**



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## DIMENSIONS (NOT TO SCALE)



## ORDER INFORMATION

AVAILABLE VERSIONS		
PART NUMBER	DESCRIPTION	
	BARREL DELIVERY	STEM LENGTH
0234560	20/25 Kg [44/55 Lb]	550 mm [21.6 inch]
0234561	50 Kg [110 Lb]	750 mm [29.5 inch]
0234562	180/200 Kg [397/441 Lb]	930 mm [36.6 inch]

ACCESSORIES		SPARE PARTS	
PART NUMBER	DESCRIPTION	PART	DESCRIPTION
1141601	Cover - 20kg D315	0234496	Adjustable by-pass valve
1141606	Cover - 25kg D345	0234556	Delivery valve
1141603	Cover - 20kg D400	0234565	Hydraulic cylinder
1141605	Cover - 25kg D600		
1141600	Pressure Disc -20kg D280		
1141607	Pressure Disc -25kg D.320		
1141602	Pressure Disc -50kg D375		
1141604	Pressure Disc - 200kg D580		
3005141	Sealing ring		
0234570	hydr. inv. - Automatic - Cetop 3		
0234571	Elec. inv. - 24V DC - Cetop 3		
0234572	Elec. inv. - 12V DC - Cetop 3		
0234569	Elec. inv. - Automatic - Complete Basic Cetop 3		
0234573	Elec. inv. - 24 V DC - Complete Basic Cetop 3		
0234574	Elec. inv. - 12 V DC - Complete Basic Cetop 3		
0234575	Base for Cetop Inverter 3		
3133456	200 kg barrel lifting kit		

Distributor Info: