



HULTDINS Chain Grease Pump

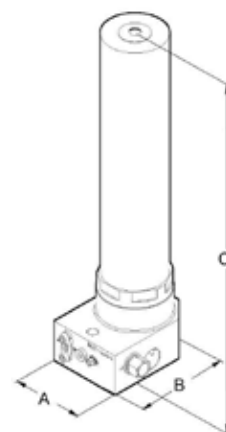


1,2 kg grease

2,1 kg grease

Product Features

- Installed on the harvester head or other chain saw attachment
- Controlled by existing hydraulics (no electrics, no check valves)
- Grease container holds 1,2 kg alt. 2,1 kg
- Adjustable lube volume (6 fixed settings)
- Simple grease refill of Envirosys® Chain Grease with quick coupler to ensure cleanliness
- Twin pump system; constant pressure controlled feed pump and high pressure portion pump
- Separate valve ensuring trouble free return of feed oil to tank included



The **Hultdins Chain Grease Pump** can be retrofitted to the existing harvester head. The possibility to place the pump has to be investigated for each head to locate a free space where the pump can be mounted. The pump is controlled by four T-couplings to existing hydraulics (saw bar feed in/out, the saw tensioning or another constant feed pressure and a connection to tank) finally the pump output is connected to the saw bar/chain lubrication line. The pump is thus controlled without the use of any electronics.

The constant saw tensioning pressure (or other constant pressure of 2.5-3.0 MPa available in the head) is used to feed the chain grease to a smaller high pressure portion pump. The smaller portion pump is in turn controlled by the saw bar in- and out feed pressure. At every saw stroke a certain portion of chain grease is fed to lube the chain/bar and when the saw bar returns the portion pump is refilled. A separate valve (included) mounted along the tank line ensures that when refilling the grease container the oil required to feed the chain grease to the portion pump is returned to tank. This constant feed pressure principle allows the Hultdins Chain Grease Pump to be mounted and work in any angle and does not have to be placed vertically.

The lube pump container holds 1.2 kg alt. 2.1 kg of chain grease.
(which depending on average cut diameter, corresponds to between approx. 6-12 litres of chain oil with 1,2 kg container and 12-20 litres with 2,1 kg container.)
To ensure cleanness, refilling of the chain grease is done using a transfer pump with a quick coupler.

Technical information

Dimensions and weight			Hydraulic system	
Capacity lube pump container	1,2 kg	2,1 kg	Hydraulic pressure, low-pressure system	2,5 - 3,0 MPa
Weight excluding grease	6,5 kg	10,7 kg	Hydraulic pressure, high-pressure system	7,5 - 9,0 MPa
Width "A"	90 mm	120 mm	Grease volume / stroke	0,14 - 0,32 ml
Length "B"	120 mm	145 mm		
Height "C"	410 mm	414 mm	Recommended lubricant	Envirosys® chain grease

0114-700572-EN

Installation description - see back of brochure



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Subject to any changes and errors

Installation description

