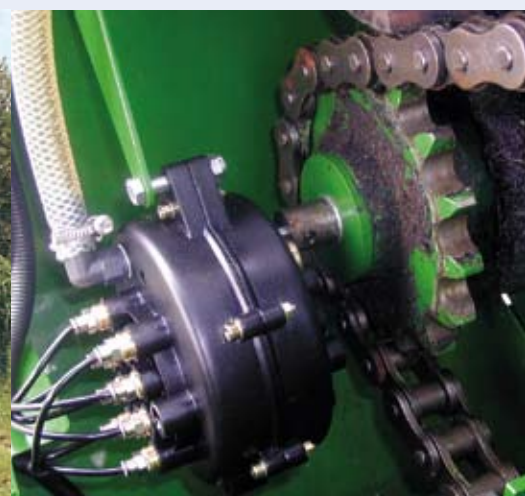


MOS/MOP 212/MGP 101 Mechanical Oil & Grease Lubrication System



The Tandem Pump Especially for Balers

MOS/MOP 212

The MOS 212 oil lubrication system comprises a mechanically operated oil pump MOP 212 with up to 12 pump elements, that with metering rings, have 3 different output sizes.

A lubrication line (Ø 4 mm) is connected directly from each pump element to the drive chain that requires lubrication.

The oil is applied with brushes or felt pads. The felt pads are especially advantageous for applying the oil to the entire chain. Simultaneously, dirt particles are scrapped off the chain resulting in a more effective lubrication.

System Benefits

- Reduces wear on chains and chain drives with exact metered oil quantities
- Metered quantity is matched to chain size, length and demands
- Extended filling intervals with 5 L reservoir
- Mechanical drive – by means of the existing drive shaft of the machine, e.g. baler

MGP 101

It is further possible to add a grease pump MGP 101 to the existing MOP 212 or to drive the MGP 101 via the MOP 212 as a drive pump.

The MGP 101 can also be used independently as a grease pump with a max. rpm of 20. The MGP 101 encompasses a K7 pump element and it can be equipped with downstream metering devices such as the SSV progressive metering device.

The pump uses 150/310 g lubricant cartridges or standard 400 g cartridges in a steel or transparent plastic tube. The result is a type of tandem pump for both oil and grease.



Technical Data MOS/MOP 212

| | |
|---|--|
| Pump elements with different outputs: | 0.025, 0.05 and 0.075 cm³ |
| 2 shaft types with different ratios (i = 7.7 and 19.53) | to regulate lubricant that connect the drive shafts of the main unit |
| 5L reservoir | |
| Useable oils: | Mineral oil, Ester base Bio oil |
| Shaft connection Ø: | 8 mm |
| RPM range: | 30 to 280 rpm |
| Max. supply pressure: | 10 bar |
| Operating temperature: | 0° to +40 °C |
| Oil viscosity: | 40 cSt to max. 2,000 cSt |

Technical Data MGP 101

| | |
|-------------------------|---------------------|
| RPM range (via MOP212): | |
| shaft 1 (i = 19,53): | 30 to 280 rpm |
| shaft 2 (i = 7,7): | 30 to 150 rpm |
| or direct: | up to 20 rpm |
| Max. supply pressure: | 200 bar |
| Lubricant: | Grease up to NLGI 2 |
| Output: | 0.22 cm³/stroke |

| Description | P/N |
|---|-------------|
| MOP212 | |
| with 12 closure plugs | 652-41120-6 |
| Pump element for MOP212 | 552-33238-1 |
| Metering ring | 452-71942-1 |
| MGP 101 | 552-33463-1 |
| MGP 101 with grease gun reservoir (steel) | 552-33501-1 |
| MGP 101 with grease gun reservoir (transparent) | 552-33564-1 |



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