

MOTOMATIC® System Patent no. 32188 C/80

In the year 1986 the innovative MOTOMATIC® – system has been developed and patented.

Motomatic® is a pneumatic pumping system which is characterized by the use of a single motor which can be applied on various suction tubes. The pumping system is activated by connecting the motor – which is provided with a quick coupling – to the installed suction tubes that differ depending on the lubricant that shall be pumped.

This solution offers a significant practical and economical advantage for pumping greases, oils, antifreeze or diesel, since it allows the user to leave the various suction tubes installed in the drums and to use the same pneumatic motor for pumping the required lubricant.



Pneumatic motor

Art.no. **5000**

Interchangeable suction tubes



Suction tube for grease **16 kg** – pails

Art.no. **5040**



Suction tube for grease **50 kg** – drums

Art.no. **5060**



Suction tube for grease **180 kg** – drums

Art.no. **5080**
Art.no. **5081**



Suction tube for oil **208 l** – drums

Art.no. **5011**



Suction tube for oil/antifreeze **208 l** – drums

Art.no. **5031**
Oil

Art.no. **5032**
Antifreeze



See accessories on pages 32-37!

Art. no.	5000	5040	5060	5081	5080	5011	5031	5032
Compressed air supply	Pressure 2-8 bar (30 - 120 psi)	-	-	-	-	-	-	-
Compression ratio	-	50 : 1	50 : 1	15 : 1	50 : 1	1 : 1	3 : 1	3 : 1
Outlet pressure	-	400 bar (5800 psi)	400 bar (5800 psi)	120 bar (1740 psi)	400 bar (5800 psi)	8 bar (120 psi)	24 bar (360 psi)	24 bar (360 psi)
Delivery	-	2900 g/min	2900 g/min	7000 g/min	2900 g/min	48 l/min	23 l/min	23 l/min
Connection compressed air	1/4" BSP (F)	-	-	-	-	-	-	-
Connection lubricant outlet	-	1/4" BSP (M)	1/4" BSP (M)	1/2" BSP (M)	1/4" BSP (M)	3/4" BSP (M)	1/2" BSP (M)	1/2" BSP (M)
Max air consumption with 8 bar pressure	115 l/min	-	-	-	-	-	-	-
Length suction tube	-	450 mm	750 mm	950 mm	950 mm	950 mm	950 mm	950 mm
Diameter suction tube	-	28 mm	28 mm	28 mm	28 mm	55 mm	40 mm	40 mm
Dimensions LxWxH (mm)	95x95x420	30x31x550	30x31x850	30x31x1050	30x31x1050	30x31x1050	30x31x1050	30x31x1050
Suitable for pails / drums of	-	25 kg	50 kg	180 kg	180 kg	208 l	208 l	208 l
Weight	3.5 kg	1 kg	1.3 kg	1.5 kg	1.5 kg	2.1 kg	1.9 kg	1.9 kg

The a. m. performance values are based upon the following test conditions: lithium grease NLGI 0 and hydraulic oil ISO 32 at 22°C -- Compressed air pressure 8 bar -- free flow outlet.