

# SMILE



**The most effective entry level manual oil lubrication pump for small machinery.**



**Automatic Lubrication Systems**

**SMILE**

**GB  
USA**



# SMILE, for low cost oil lubrication.

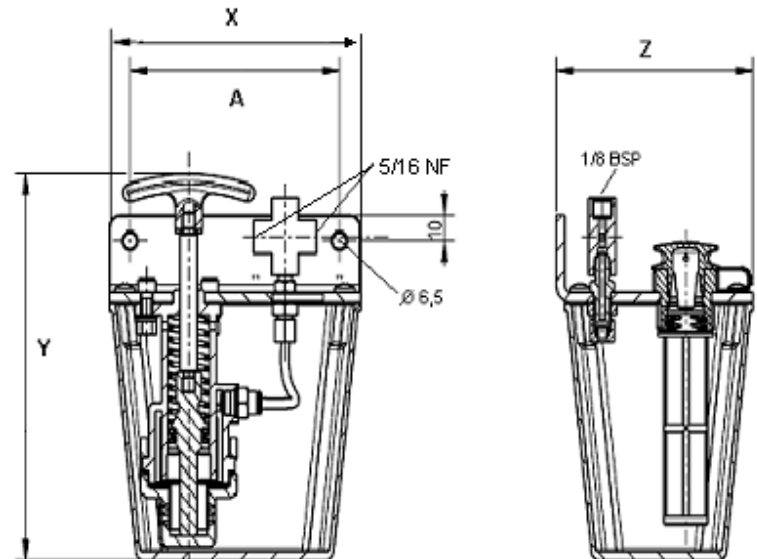
The **SMILE** Manual Pump is one of the most effective low-cost entry level manual pumps available offering exceptional quality, compactness and reliability at an unbeatable price.

It can be used as a single point lubrication pump or on an Orifice Metering System to provide oil lubrication on many small machines.

## Features:

- Up to 5 cm<sup>3</sup> per cycle.
- Practical and Elegant transparent reservoir.
- Incorporates Outlet Manifold block
- Standard Pressure gauge can be fitted on outlet
- Snap on Refilling cap and filter for safe operation.
- Patented Pump mechanism is both simple and reliable
- Number of parts reduced by over 50% over previous versions.

ACCESSORIES	
5717300	Nylon tube Ø 4x3
910102	1/8 Push-in for Ø 4 tube
3084612	5/16 Push-in for Ø 4 tube
20557	Manometer 1/8
3232098	Plug 1/8



Characteristics	Part Number 12140	Part Number 12150
Oil Delivery	5 cm <sup>3</sup> / Cycle (0.3 cu.in / cycle)	
Max Pressure	3 bar (44.1 psi)	
Min Pressure	1 bar (14.7 psi)	
Operating Temperature Range	-5 ÷ +55 °C (23 °F ÷ 131 °F)	
Permissible Lubricant	Mineral Oils	
Oil Viscosity at Working Temperature	32 ÷ 220 cSt (150 ÷ 1018 SUS)	
Reservoir Capacity	500 cm <sup>3</sup> (30.5 cu.in)	1000 cm <sup>3</sup> (61 cu.in)
A	100 mm (3.9 in.)	120 mm (4.7 in.)
X	120 mm (4.7 in.)	142 mm (5.6 in.)
Y	150 mm (5.9 in.)	198 mm (7.8 in.)
Z	94 mm (3.7 in.)	116 mm (4.5 in.)

U.S. PATENT 6095  
775 AND OTHER  
INTERNATIONAL  
PATENTS

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