

VIP4Tools

A Complete Solution for a wide range of Air/Oil and Dry Machining Applications.



Automatic Lubrication System

GB VIP4TOOLS

A COMPLETE RANGE OF COMPONENTS, LUBRICANTS AND ACCESSORIES TO REALISE YOUR DRY MACHINING APPLICATION



By using the **VIP4Tools** product range you can take full advantage of recent advances in machine tool and lubricant technology to achieve substantial cost saving and environmental benefits. The aim of Dry machining is to create a thin lubricant film between the tool and the part being machined.

Some of key advantages of Dropsa Vip4Tool:

- **Increased Tool Life**
- **Significant Reduction in Lubricant Usage.**
- **No Work-area Mist**
- **Clean Machined Parts.**

The Vip4Tool main unit can be fitted with a **pneumatic timer**, that automatically cycles the system or alternatively with a 3-way **solenoid valve** for applications where the time interval is controlled by the host machine. Additionally each lubrication outlet can be individually regulated from 0-30 mm³ of oil discharge.

Dropsa has two **specialty developed lubricants** for use on Dry machining applications: optimised either for Aluminum or Steel machining, both are completely non-toxic. Included with the Lubricant is a Spec sheet giving recommendations on volume and pressure requirements for a variety of machining operations.

To get the most from your installation, select from a range of spray, flexible hoses and fixing accessories.

TECHNICAL INFORMATION	
Operating Air Pressure	5 ÷ 8 bar (74 ÷ 118 psi)
Operating Temperature	-10 ÷ +80 °C (14°F ÷ 176°F)
Humidity	90% max
Lubricants	Dropsa LRT Oils
Level Switch, Max Load	50 W
Level Switch, Max Current	1 A
Level Switch, Max Voltage	220 V AC

DESIGNING YOUR VIP4TOOLS APPLICATION IN 4 EASY STEPS...

STEP 1 -		
Choose the Number of spray points you require and the size of Reservoir.		
No of Points.	1 Litre Reservoir	3 Litre Reservoir
1	3135091	3135111
2	3135092	3135112
3	3135093	3135113
4	3135094	3135114
5	3135095	3135115
6	3135096	3135116
7	3135097	3135117
8	3135098	3135118

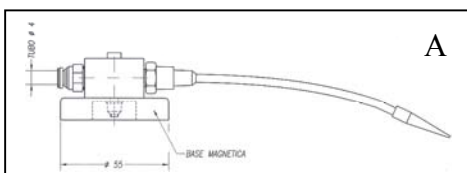
STEP 2 -		✓
Choose how you want to control the system.		
3132572 - Pneumatic Timer (operates in standalone) 1s ÷ 1 min.		
3132574 - EV - 24 V DC + 39979 + N° 3 Pcs 53923 + N° 3 Pcs 16077		
3132575 - EV - 110 V AC + 39979 + N° 3 Pcs 53923 + N° 3 Pcs 16077		

Panels arranged for kit mounting.

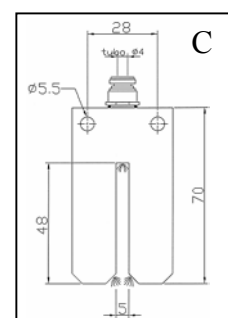
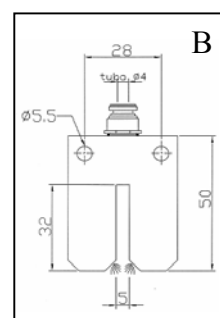
STEP 3 -		Qty
Select one or more Lubricants to suit your application.		
3226661 - LRT 30 - Oil optimised for Steel - 1 lt (*)		
3226662 - LRT 50 - Oil optimised for Aluminium - 1 lt		

(*) Also use this for general purpose applications.

STEP 4 - Choose the number and type of spray fittings and accessories you require.

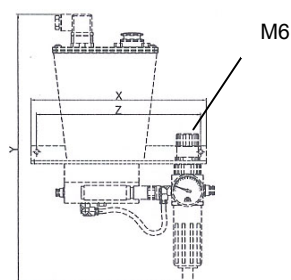


Item	P/N	Description	Qty
A	3132583	Spray Tube With Magnetic Base L = 180 mm	
	3132714	Spray Tube With Magnetic Base L = 400 mm	
B	1524486	Saw Blade attachment, 32 mm (1.3 in.)	
C	1524487	Saw Blade attachment, 48 mm (1.9 in)	
-	5717242	Nylon Tube 4 x 1.5 Black	
-	1524548	Nozzle 5/16 tube Ø 4	



Panel dimensions

Elements	Version 1 lt				Version 3 lt			
	Y (mm)	X (mm)	Z (mm)	Weight (Kg.)	Y (mm)	X (mm)	Z (mm)	Weight (Kg.)
1	363	235	220	2,7	365	320	305	3,6
2	391			3,2	393			4,1
3	419			3,7	421			3
4	447			4,2	449			5,1
5	475			4,7	477			5,6
6	503			5,2	505			6,1
7	531			5,7	533			6,6
8	559			6,2	561			7,1



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