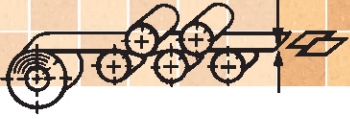


Electro Pneumatic System for Spray Lubrication

EPC 4 / 8 Points From

 **DieTronic**
lubrication system Italy.





Press Room Automation & Feed Fixtures Pvt. Ltd. is offering Spray Lubricating System from Die Tronic, Italy. Spray Lubrication Systems provide a highly efficient method of applying lubricants and corrosion protection fluids. In addition to lubricating blanks, coils, pipe sections and stamping or forming tools, wires and bars can also be treated.

We know how important it is – especially today – to reduce production costs and our worldwide leadership in spray technology can help you operate more efficiently and save money. **Precise control of lubricating applications can reduce oil consumption by up to 90 % and can eliminate time-consuming cleaning of parts.**

Precise, Uniform Oil Coverage

The Spray Lubrication System provides exact lubrication control for can and tab stamping processes. This unique system utilizes Low Volume Low Pressure technology to apply a fine, even film of lubricant to metal stock.

The compact guns easily fit inside the press window and are cost-effective replacements for messy, inefficient pads and rollers.

Each system includes two precision spray guns, one lubricant reservoir and the controller which regulates air pressure, lubricant flow and controls gun operation.

Benefits	Features
Provides exact lubrication control.	Compact design; easy to install.
Reduces oil use by up to 90%.	
Significantly lowers reject rates.	
Extends tool life.	
Increased Press Speed because of reduction of Slug Pulling & Die Packing.	Unique design uses Low Volume Low Pressure (LVLP) technology. Applies lubricant without waste, mist or overspray.
	Independent, instant response fluid flow controls for each gun. Once set, oil coverage stays consistent without further adjustment.

Specification :

Model	EPC 4 POINT	EPC 8 POINT
Min Strip Width	50mm	50mm
Max Strip Width	150mm	300mm
Oil Application	Top & Bottom	Top & Bottom

BASE UNIT



Components of System

BASE UNIT

The base unit consists of an air-operated diaphragm pump which draws the lubricating fluid from the container through a suction filter. Lubricant is pushed through the lines to the spray nozzles mounted in the coil lubricator using low pressure. Double air jets distribute the lubricant over the metal stock in a uniform film. It has pressure regulators from where Air & Oil pressure can be regulated as per requirement.

An Oil Tank of 30 liter capacity is provided with visual inspection for minimum level.

It has a Power management system to integrate with the press.

It has a Panel with connectors for connecting up to 4 / 8 spraying valves KA2.

SPRAY VALVE KA2

Ka2 nozzle valve is made of stainless steel with Viton seals. Adjusting the amount of oil is done through rear screw.

Hat spraying range = 60 °

Nozzle and air cap = 1 mm

*All above equipments are designed for Line speed uptill 200 Mtrs. Per Minute.
Models of Higher Capacity or Higher Or Lower Line Speeds are available on request.*

Technical specifications are indicative and subject to change to suit end application.

For futher details on various spray lubricator available from our partner, DieTronic S.r.l, please visit their website www.dietronic.eu

Press Room Automation & Feed Fixtures (India) Pvt. Ltd

C-9, Anand Nagar, MIDC, Addl. Ambernath Idl. Area,
Ambernath (E), Dist. Thane - 421 506.

Telefax : 022-25471016 / 2547 2029

E-mail : info@pressroomautomation.net