



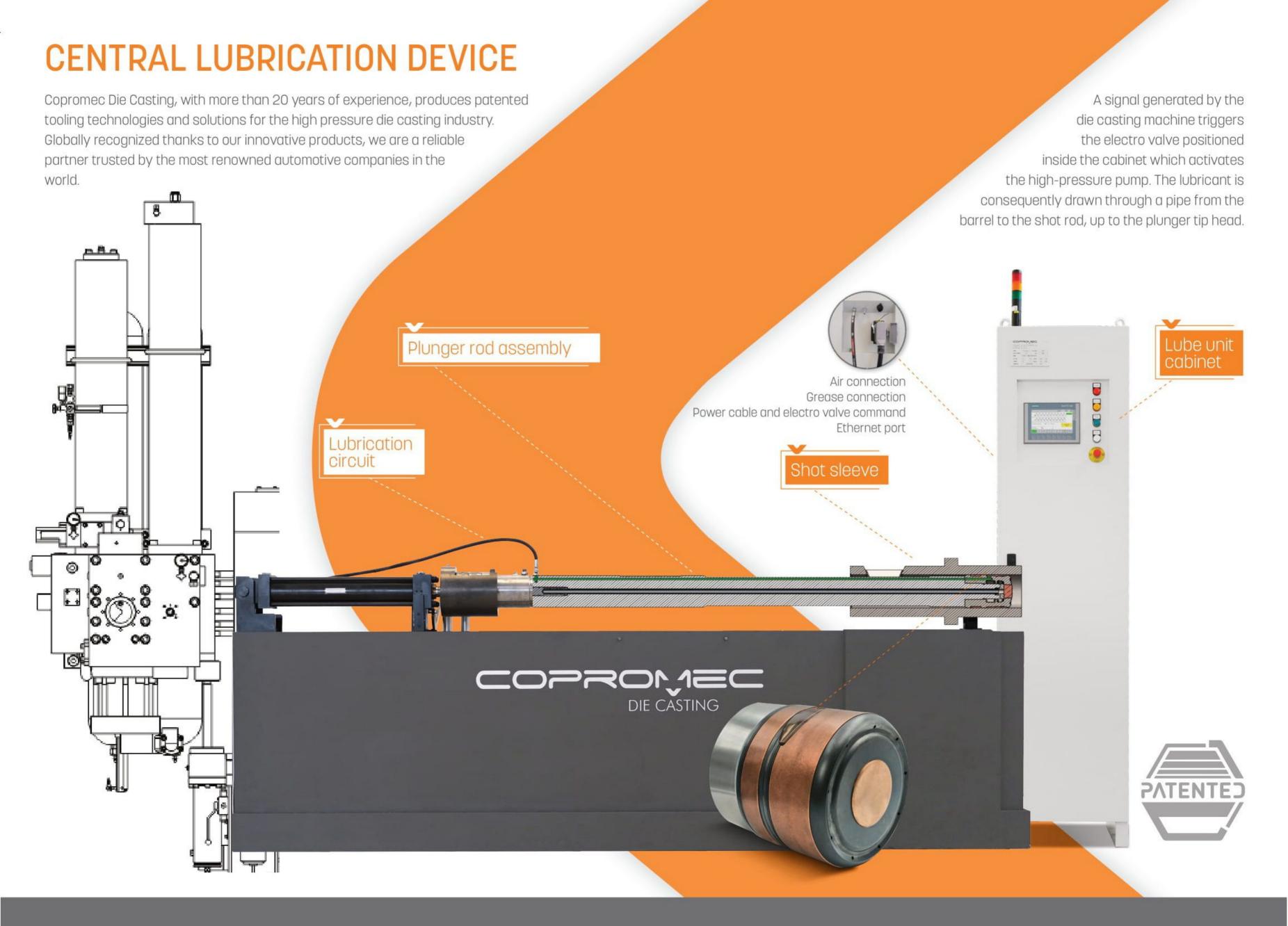
Lubrication Unit











THE LUBRICATION UNIT & ITS OPTIONAL ACCESSORIES

The lubrication unit can be customized with the following optional extras:

TOWER LIGHT:

combination of 3 modules with

various signaling elements.

FLOW METER

sensor that generates an electrical impulse when a certain amount of lubricant flows through it.



INTEGRATED PLC:

touch screen panel which allows to monitor and control the lubrication cycle, adjust the lubricant quantity and save different lubrication programs.



MANUAL LUBRICATION BUTTON:

push button which activates the high-pressure pump, dispensing the set amount of lubricant.



LED INDICATOR:

indicator light that flashes green when the unit receives the signal to lubricate from the die casting machine.



LASER LUBRICANT LEVEL SENSOR:

sensor that, by means of a laser beam, accurately measures the lubricant level in the barrel.



LUBRICANT MIXER:

electric agitator used for stirring the lubricant in the barrel.



SMART LUBRICATION UNIT





MAIN FEATURES:

- 1. Customise the lubricant quantity delivered with every single signal;
 - 2. Create and save different lubrication programs;
 - 3. Save history data of each lubrication cycle;
 - 4. Exchange data through PROFINET protocol; 5. Remote assistance.

DCM (usually "plunger start") to operate. that the lubricant is dispensed at the right point and at the right time. Every single setting regarding the lubrication cycle can be adjusted by means of the

PLC integrated in the front door of the cabinet.

The SMART Lubrication Unit

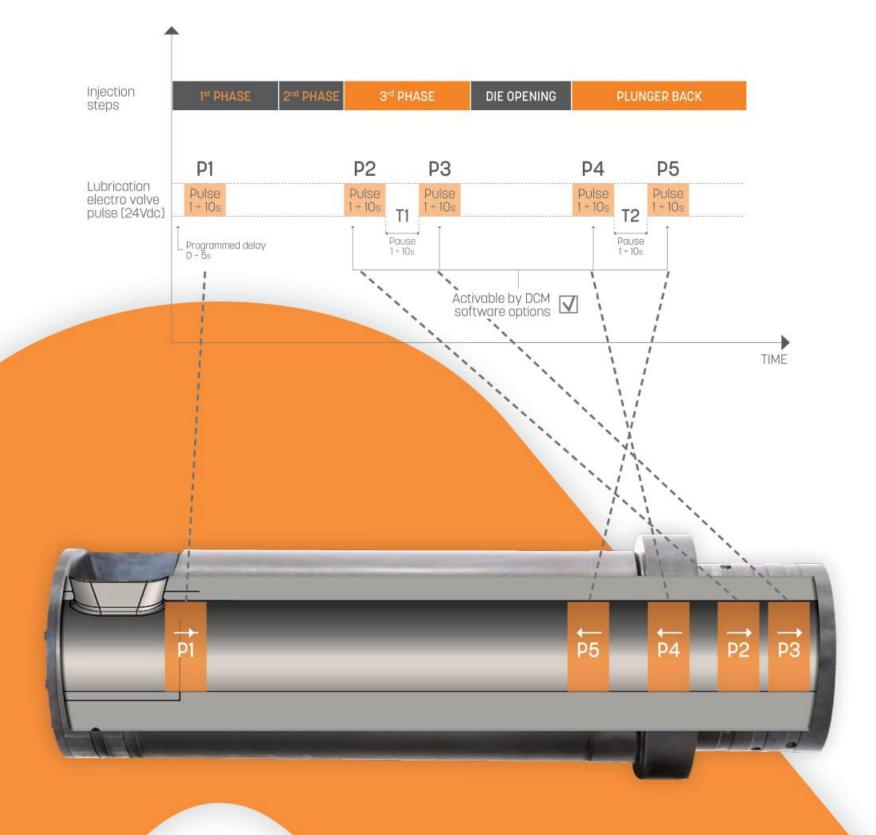


sensor with one or two floats that activates a pre-alarm and an alarm when the barrel is running out of lubricant.

COMPLETE CONTROL OVER LUBRICATION PROCESS

Our patented lubrication system allows the customer to have full control over the lubrication process, as both the amount of oil and the point where it is dispensed can be set in order to achieve an even lubrication of all the internal surface of the shot sleeve.

The diagram below shows the recommended setting for the lubrication signals and the position in which the lubricant is delivered. The pulse arrangement can be modified as the customer sees fit.



WHICH LUBRICANT SHOULD I USE?

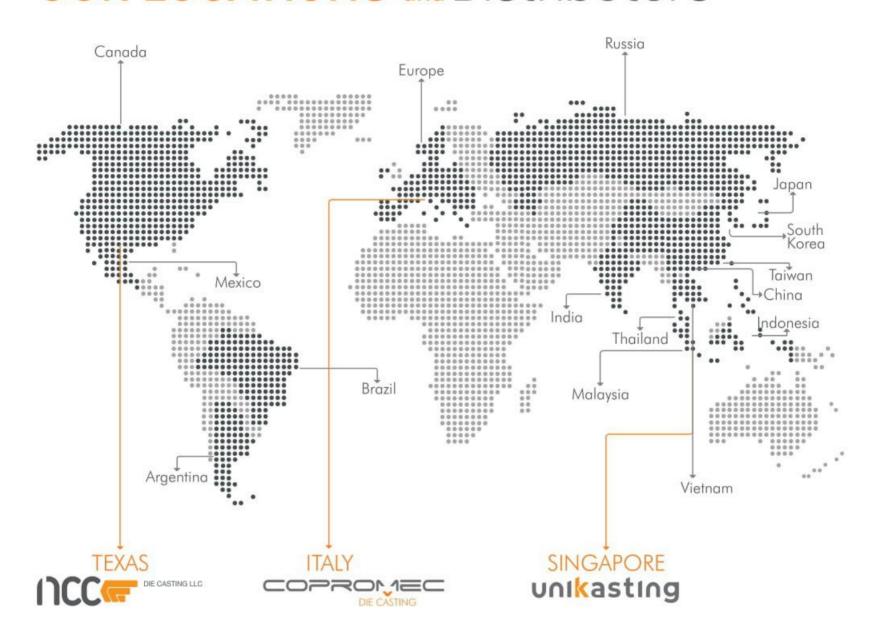
Choosing the right lubricant is essential not only to avoid the seizing of the plunger tip and fast wearing of all the other components of the injection system, but it also affects the quality of the cast parts.

Copromec has developed two high quality lubricants for its lubrication unit to guarantee the best performances:





OUR LOCATIONS and Distributors



COPROMEC DIE CASTING SRL

ADDRESS: Via Missana, 31, 25077 Roè Volciano, Brescia - Italy

PHONE: +39 0365 63776 E-MAIL: info@copromec.it WEB-SITE: www.copromec.it

NCC DIE CASTING LLC

ADDRESS: 825 Southway Circle, Suite B - 76115 Fort Worth (TX) - US

PHONE: +1 682 703 1058

E-MAIL: info@ncc-diecasting.com WEB-SITE: www.ncc-diecasting.com

UNIKASTING

ADDRESS: 16 Stanley Street, Level 3, 068735 Singapore

PHONE: +65 6816 0318

E-MAIL: info@unikasting.com
WEB-SITE: www.unikasting.com