

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 87



UCIMU-SISTEMI PER PRODURRE



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LIQUID COOLANT PURIFIERS: HERE IS LOSMA'S SOLUTIONS



Demag – Magnetic rotating disc purifier

Demag is a magnetic rotating disc purifier for the separation of magnetic pollutant particles from lubricating liquids used in machining. The Demag series is available in 7 standard models capable of purifying 50 to 400 l/min of emulsified oil and 25 to 200 l/min of neat oil.

Demag Pesante (heavy-duty)

Demag Pesante was instead designed for heavy-duty flow rates, available in 5 models, capable of purifying 600 to 1800 l/min of emulsion and 300 to 900 l/min of neat oil. The especially robust construction of the Demag Pesante is suitable for large machine tools, centralised systems, machining centres, deep grinding and deep hole drilling or other heavy-duty machining.

Detex - Flatbed purifier

Detex is a coolant purifier that uses filter fabric to remove magnetic and non-magnetic particles from whole and emulsified oils. The degree of filtration is determined by the choice of fabric and varies from 10 to 50 micrometres, ensuring a very high degree of purification. Detex is available in 12 sizes with a purification capacity of 50 to 400 l/min of emulsified oil and 25 to 200 l/min of whole oil.

Optional

- **SKIM** - Eliminator of superficial oils which allows the quality of coolants to be maintained for a long time and eliminates odours generated in the presence of anaerobic bacterial flora.
- **DEMAG** - Purifier for magnetic material filtration; uses a series of discs to retain the solid pollutant suspended in the coolant.
- **BOOSTER TANK** - To collect dirty liquid for filter supply.
- **CONTAINMENT TANK** - To collect the clean liquid to be returned to the machine tool.
- **ELECTRICAL CABINET** - For supplying all utilities, controlling and managing all signals.
- **PUMPS** - For clean liquid delivery from 0.1 bar to 100 bar.



Decom - Combined purifier for liquid coolants

Decom is a combined purifier for liquid coolants that uses filter fabric and a rotating disc magnetic purifier to separate and remove magnetic and non-magnetic polluting particles from neat and emulsified oils. The degree of filtration is determined by the choice of fabric and varies from 10 to 50 micrometres, ensuring a very high degree of purification. Decom is capable of purifying 50 to 400 l/min of emulsified oil and 25 to 200 l/min of neat oil.

Losma guarantees that each purifier is individually tested through rigorous control procedures. A quality and functional test certificate is issued for each unit.

www.losma.com

The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

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