



Comat
filters



Te

Systems for emulsion treatment and management

ADVANTAGES OF *Te* SYSTEMS



EMULSION PREPARATION

automatically
to required concessionality



EMULSION MAINTENANCE

increasing
the lifespan



EMULSION DISTRIBUTION

automatically
to the machine



DISPOSAL REDUCTION

and lower
associated costs



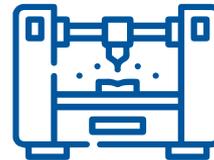
PERIODICAL CHECK

of chemical parameters



BEST QUALITY

of worked-pieces



REDUCE WEAR&TEAR

of machines and tools

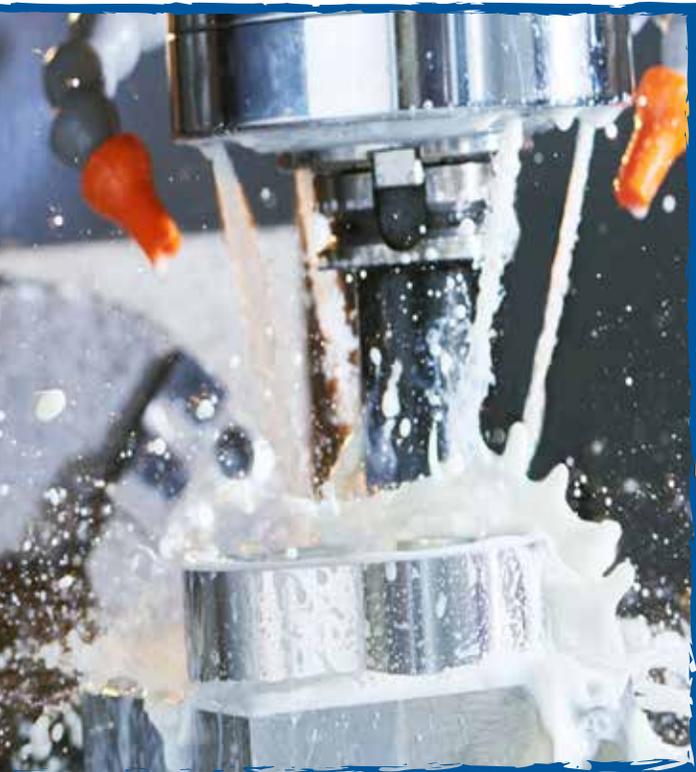


FIRST-CLASS

after-sales support

Comat Systems for the treatment and management of water based fluids
represent the best investment
to optimize the quality of machined parts and production processes
reducing corporate, human and environmental costs

WHY SHOULD YOU CHOSE *Te* SYSTEMS?



Companies are faced with a rising **number of technical, hygienic, environmental, and economic challenges** due to the correct management of emulsion fluids in operation due to the daily use of machine tools.

For over 30 years, Comat has been **studying, designing and creating centralized systems for the treatment and management of emulsion** used in the machining departments, with the aim of automatising the processes of:

- preparation
- distribution
- filtration
- maintenance

Through the Systems *Te* and a correct management of contaminants factors it is possible:

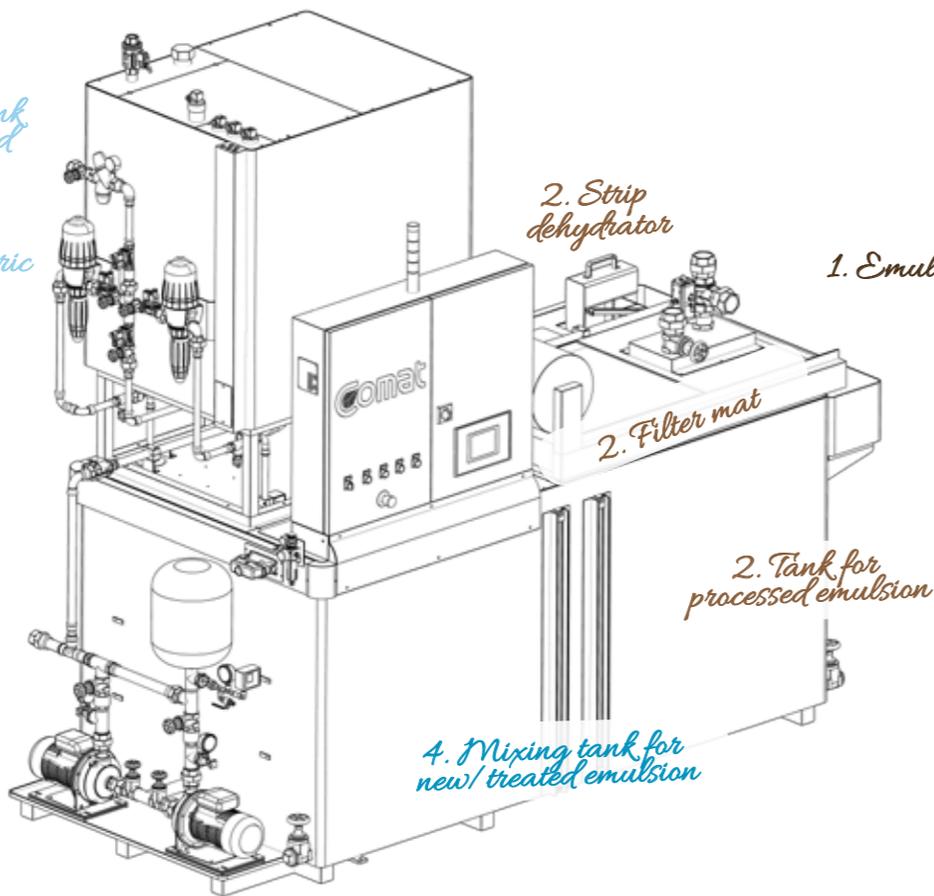
- **increase the lifespan** of oil
- **limit excessive consumption** of chemicals products
- **reduce periodic disposal** of the compromised emulsion



3. Water tank demineralized

3. Volumetric mixers

5. Pumps of emulsion distribution to machines



1. Emulsion inlet from



Chips centrifuge



Container for chips



Machine-tools

APPLICATION EXAMPLES *Te*





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