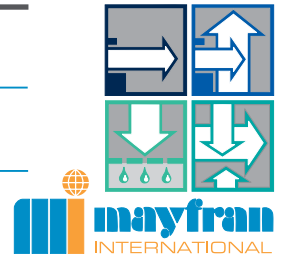


MRS MACHINE PUMP-BACK STATIONS

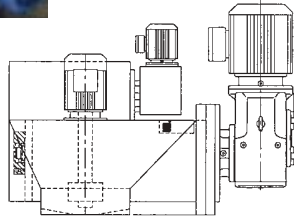
THE FLEXIBLE ALTERNATIVE FOR CHIP- AND COOLANT HANDLING



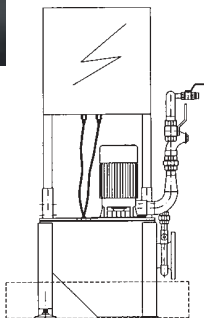
CHIPS AND COOLANT EASY CONVEYING...



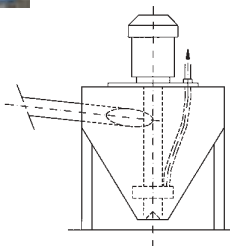
MRS-D



MRS-BP



MRS-RC



Machine pump back stations are easy to retrofit nearly to all types of machines. Chips and coolant (oil as well as emulsion) will be conveyed through pipes to a central filter or processing plant.



Central filter processing plant pumped by MRS pump back stations

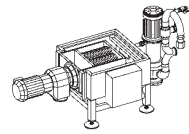
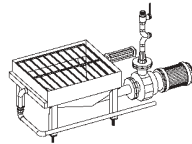
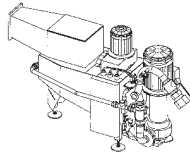
Because of the flexible constructional style you can also connect single machines with a MRS. For example: to reclaim expensive oils.

For bushy type of chips the MRS can be extended with a crusher for pumping chips and coolant.

...REDUCE COOLANT COSTS



... the alternative to costly in-floor constructions



mayfran

amount of types

| | | Tank Dimensions mm | | | Type of operation | Capacity* l/min | |
|-------------|------------------------------|--------------------|-------|------------|------------------------|-------------------------|-----------|
| | | Height | Width | Length | | Oil | Emulsion |
| MRS-D | with drag conveyor | up 400 | from | variable | machine tools | 40 - 1100 | 40 - 1100 |
| MRS-RC | without conveyor | | 400 | 400 - 1000 | grinding | 45 - 600 | 90 - 1200 |
| MRS-BP | without conveyor | | to | 400 - 1000 | grinding | 45 - 600 | 90 - 1200 |
| MRS-S | with spiral conveyor | | 1000 | variable | machine tools | 35 - 780 | 70 - 1560 |
| MRS-Special | Custom required construction | | | | all types of operation | depends on requirements | |

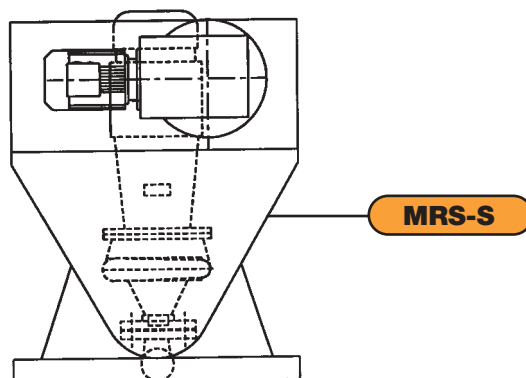
All MRS-Types can be upgraded with a crusher or power screen classifier

* Capacities depend on type of coolant as well as type and quantity of chips



ADVANTAGES OF MRS PUMP BACK STATIONS:

- Easy change from single filter units to central coolant cleaning and supply
- No more expensive costly in-floor constructions
- Money saving because of low investment costs
- Flexibility of MRS is also guaranteed after relocation of machine tools
- Clean hall floors because of closed piping systems
- MRS can be individually designed for new machine tools



Examples for MRS-Special

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