

# MRS MACHINE PUMP-BACK STATIONS

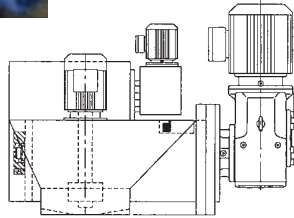
## THE FLEXIBLE ALTERNATIVE FOR CHIP- AND COOLANT HANDLING



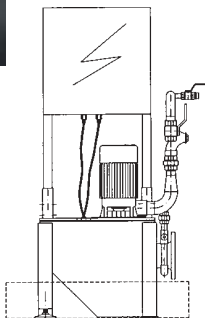
## CHIPS AND COOLANT EASY CONVEYING...



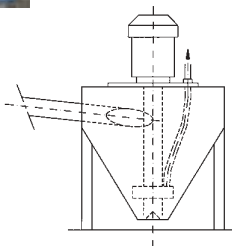
**MRS-D**



**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*

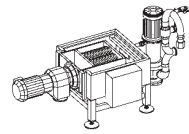
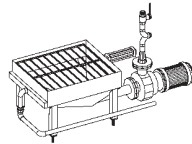
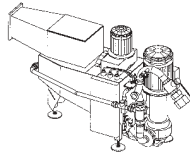
Because of the flexible constructional style you can also connect single machines with a MRS. For example: to reclaim expensive oils.

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	

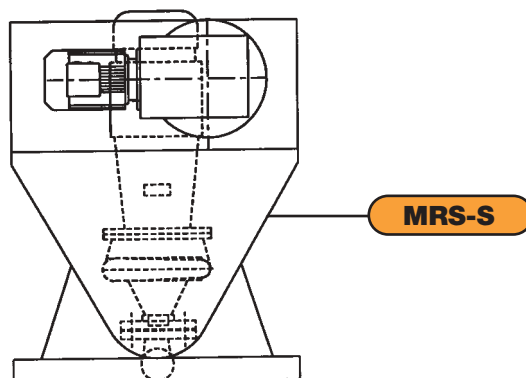
All MRS-Types can be upgraded with a crusher or power screen classifier

\* 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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