



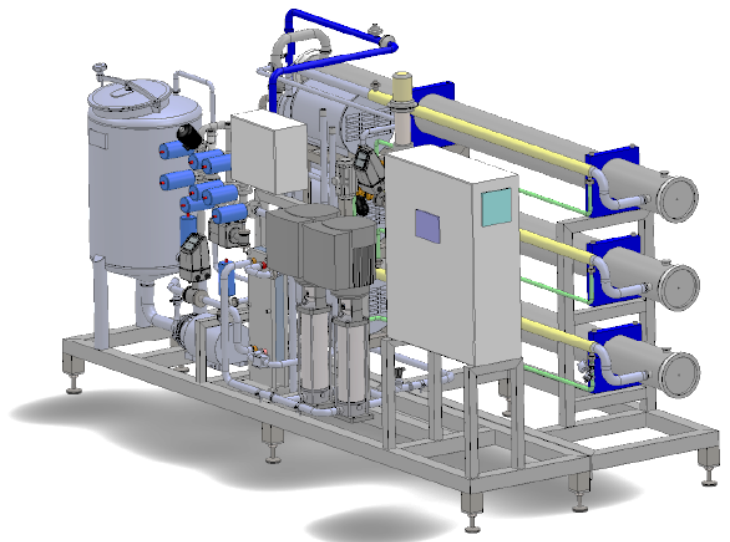
# AlpineSystem

*Add value to your whey*

**MMS** Alpine Systems are unique Reverse Osmosis Systems for whey concentration of **15.000 - 150.000 liter whey per day**. An ideal filtration unit for cheese producers.

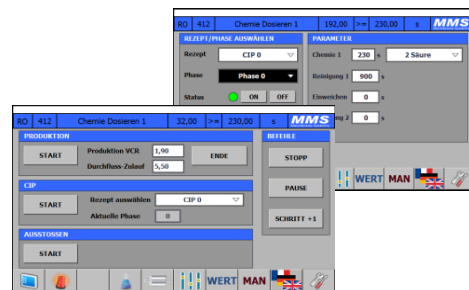
## Advantages

- High efficiency
- Converts whey into valuable concentrate
- Defined control of dry matter
- Save evaporation costs
- Save transport costs
- Easy to operate
- Reduction of wastewater
- Production of process water



## Features

- Capacity of whey: 15.000 – 150.000 l/d
- Dry matter up to 30% TS
- Online regulation of concentrate
- Full automation
- Technical support by specialists
- Automated Cleaning in Place (CIP)
- Expandable
- Easy to install



Touch Panel for easy handling



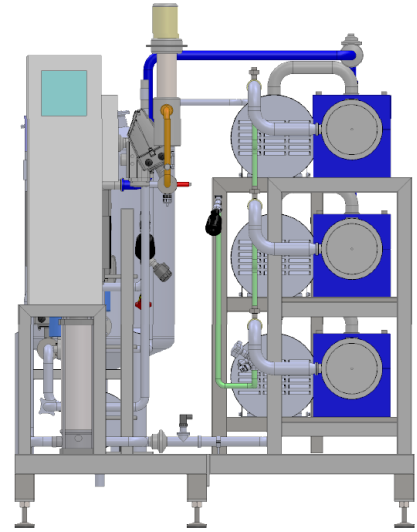
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## Options

- RO Permeate collection for water re-use
- Cooling of whey concentrate
- Automatic dosage of preservation additives
- Network router for remote assistance

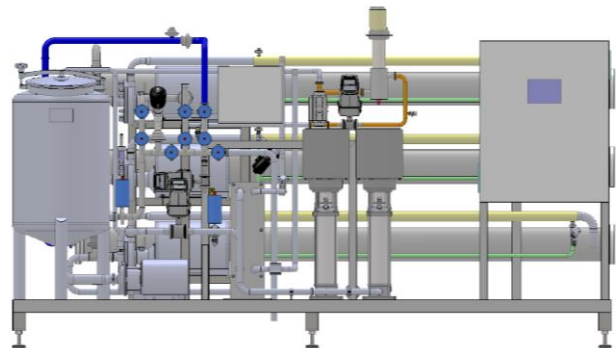
**High efficient production of whey concentrate - MMS AlpineSystem**



Alpine 300-A Sideview

## Other MMS Applications

- Milk protein standardization
- Bacterial removal from whey and milk
- Concentration of milk protein
- Skim and whole milk concentration
- Brine treatment
- Condensate water treatment



Alpine 300-A Frontview

<b>MMS Alpine System</b>	<b>100-A</b>	<b>200-A</b>	<b>300-A</b>	<b>400-A</b>
<b>Whey capacity (l/h) *</b>	1'000	3'400	6'000	9'000
<b>Concentrate (l/h) *</b>	340	1'140	2'000	3'000
<b>L x W x H (in m)</b>	4,0 x 1,8 x 2,0	4,0 x 1,8 x 2,0	4,0 x 2,0 x 2,4	4,0 x 2,0 x 2,8
<b>* 18% TS Whey Concentrate</b>				

For more than 150.000 liters of whey per day, see MMS RO systems.

For whey concentration up to 24% or 30% TS, please ask our specialists.