

# PWA

## Process water treatment for dry-cut systems



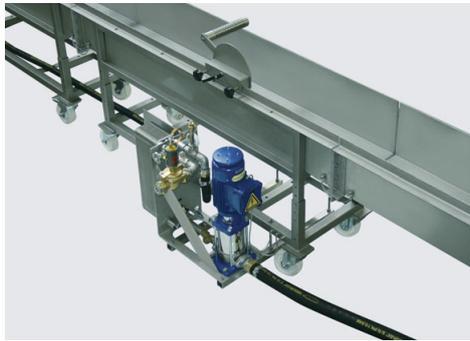
The process water treatment unit PWA serves for filtering, tempering, and circulating the process water in compound and masterbatch production and can be integrated into the base frame of the cooling trough or positioned externally. Using a heat exchanger, the PWA separates the contaminated process water circuit from the primary cooling circuit from the central water supply.

### Your benefits

- Targeted process water cooling via plate heat exchanger
- High process reliability
- Low energy consumption
- Operation free of emissions
- Low operation and consumption costs
- Separation of process water from the central cooling water supply
- Integrated stainless steel centrifugal pump

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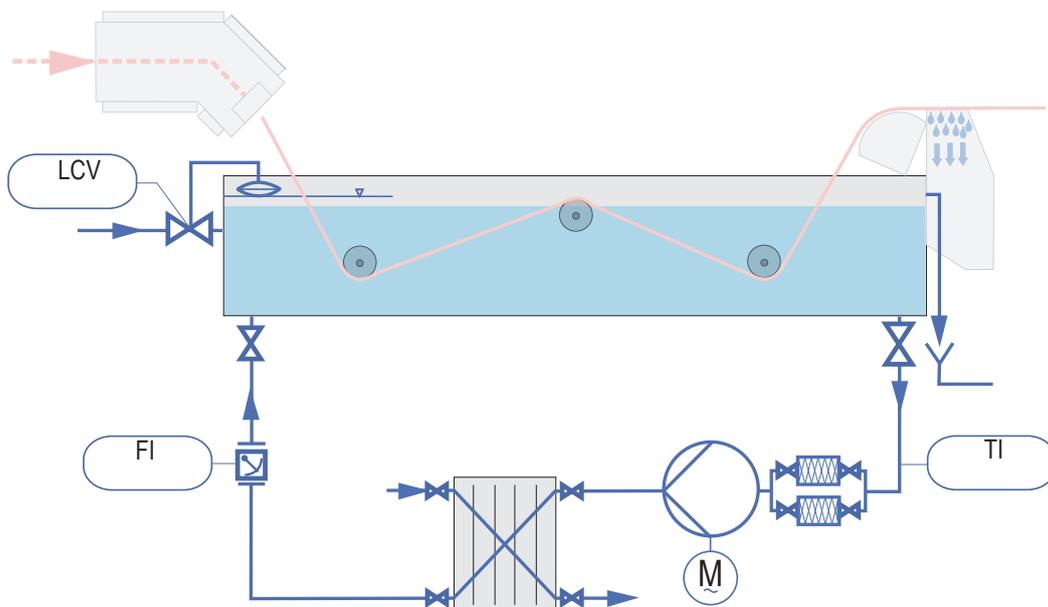


PWA integrated into the frame of cooling trough

### Options

- Pressure, temperature, and flow monitoring
- Tank heaters for process water at increased temperature
- Mechanical or electronic control valves for optimized cooling water flow

Technical data:	PWA6	PWA12 S	PWA20	PWA30	PWA15 A	PWA20 A	PWA30 A	PWA45 A
Filling volume [l]:	-	125	170	180	500	600	700	900
Cooling control:	Manual				Control valve			
Cooling capacity [kW]:	100	215	330	525	280	330	525	770
Throughput of process water [m³/h]:	6	12.6	19	30	15	20	30	45
Filtration:	In-line filter				Bag filter			
Connected Power (400 V, 50 Hz) [kW]:	1.1	3	7.5	7.5	5.5	5.5	7.5	11



Example diagram of a process water treatment unit PWA