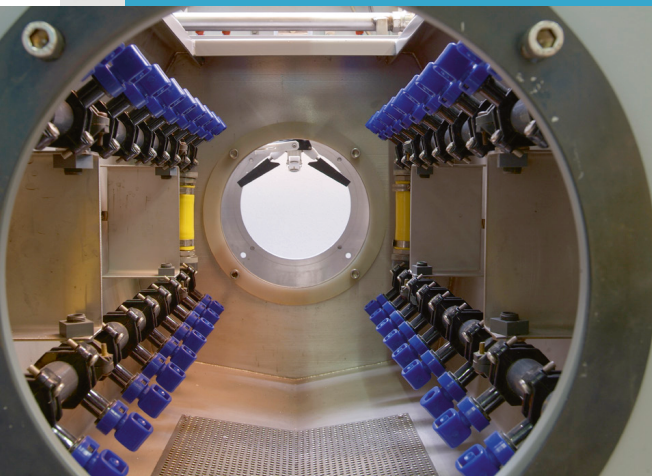
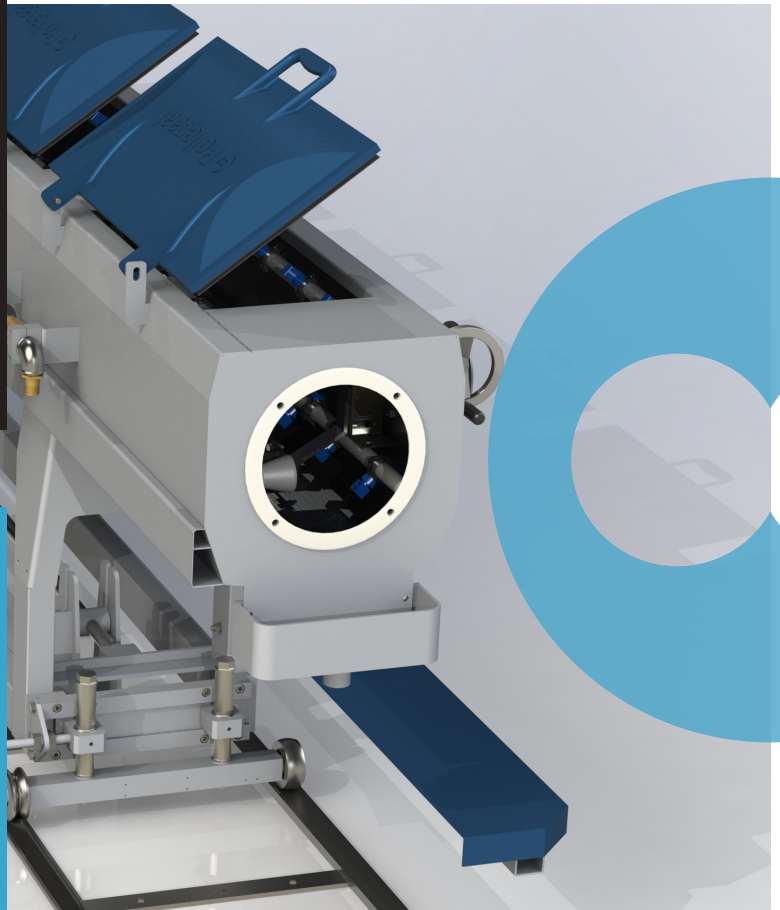


# Cooling units

Rollepaal has a complete range of vacuum and spray cooling equipment for pipe diameters from 10 to 1600 mm (0.4" to 64"). The controlled environment of the cooling units increases the process accuracy production capabilities.



## Rollepaal Vacuum Cooling

Our vacuum cooling tanks meet the highest standards of our customers. Whether it is improving outputs where cooling length is restricted or critical applications requiring absolute control over vacuum and water temperature, Rollepaal vacuum cooling tanks offer the best performance available. The tanks are manufactured

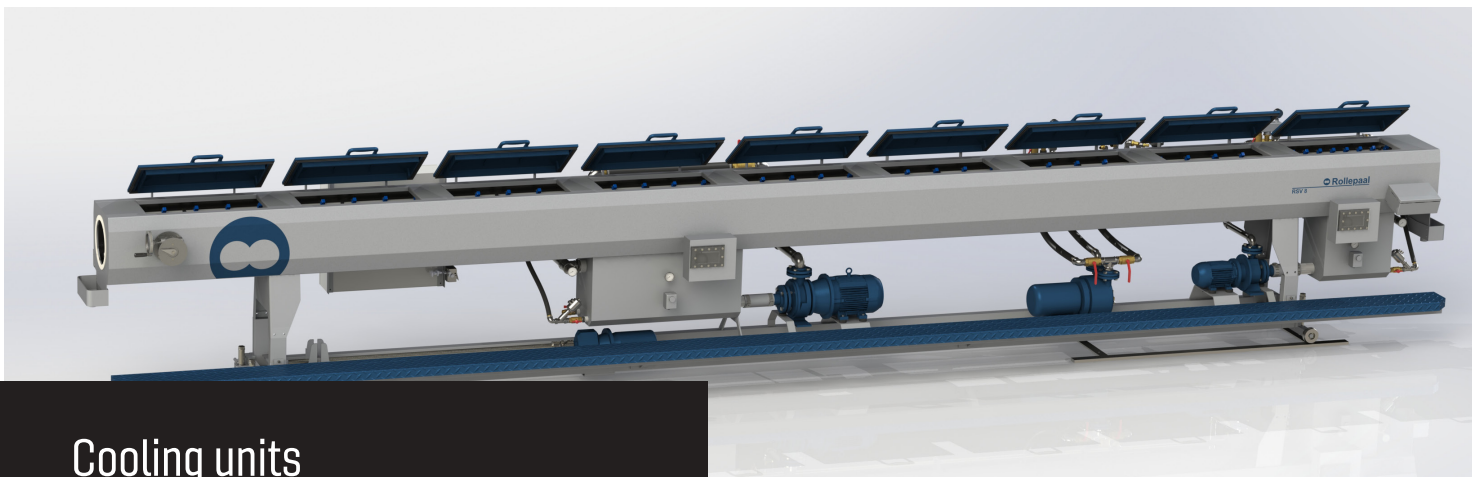
to the highest quality and according a design that is easy to operate, easy to install and easy to maintain. This makes it the favourite choice for both operators and plant managers worldwide.

Standard equipped to meet any challenge, Rollepaal offers various options for reducing energy consumption, redundant systems and specialized cooling equipment. Upon request the tanks can be customized to fit any production environment.

## Rollepaal Spray Cooling

Positioned after the vacuum cooling section, the spraying bath cools the pipe down further by spraying water on the pipe under atmospheric conditions. Fresh water is supplied to maintain the set temperature level. The water level is kept constant with an overflow outlet.

The spray cooling is intended for use in the daily production environment. The spray cooling chamber is a welded shell, made of V2A stainless steel.



## Cooling units

There are multiple aluminum covers with a sealing rubber insert on the top. The spray nozzles are fixed alongside the tank. The in- and outlet seals will be adapted to the pipe diameter. Pipe support is done with rollers or disks (depending on the application). The machine chassis is a welded construction. The height can be adjusted by turning two screws on each console.

### Advantages cooling units:

- Standard long-lasting air controlled valves, suitable for contaminated water
- New water level control, not sensitive for contaminated water
- Rigid and sturdy stainless steel construction
- Cost reduction because of quick tool change
- Stable vacuum and efficient cooling
- Highly efficient electronic motors
- Stable cool water temperature control
- Quick start-up as seals maintain vacuum at out of shape pipe



### Product range

	Min. Ø (mm)	Min. Ø (inch)	Max. Ø (mm)	Max. Ø (inch)	Vacuum chambers
RSV Rollepaal vacuum cooling units					
4	16	0.63	125	5	1 or 2
8	50	2	250	10	1 or 2
16	110	4	410	16	1 or 2
20	160	6	520	20	1 or 2
24	250	10	630	24	1 or 2
30	400	16	800	32	1 or 2
40	560	18	1000	40	1 or 2
48	800	24	1200	48	1 or 2
64	800	32	1600	64	1 or 2

RSC Rollepaal atmospheric cooling units					
4	16	0.63	125	5	
8	50	2	250	10	
16	110	4	410	16	
20	160	6	520	20	
24	250	10	630	24	
30	400	16	800	32	
40	560	18	1000	40	
48	800	32	1200	48	
64	800	32	1600	64	

RDV Rollepaal dual vacuum cooling units					
2	10	0.4	63	2.5	1
4	24	1	125	5	1 or 2
8	50	2	250	10	1 or 2

RDC Rollepaal dual atmospheric cooling units					
2	10	0.4	63	2.5	1
4	16	0.63	125	5	1 or 2
8	50	2	250	10	1 or 2

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**rollepaal**   
 PIPE EXTRUSION