

# Cooling screw



Because of our long experience specifically with screw heat exchangers, we have a great know-how and can call ourselves leader in this sector.

The product is cooled indirectly through a refrigerant medium - mostly water - which circulates in the double jacket.

The desired difference in temperature is obtained through the determination of the size of the cooling surface.

## Design features

- rugged, modular construction
- jacketed
- dust-free conveyance
- pressure and gas tight

## Applications

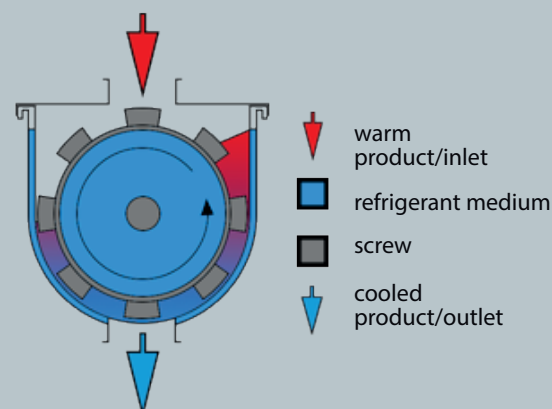
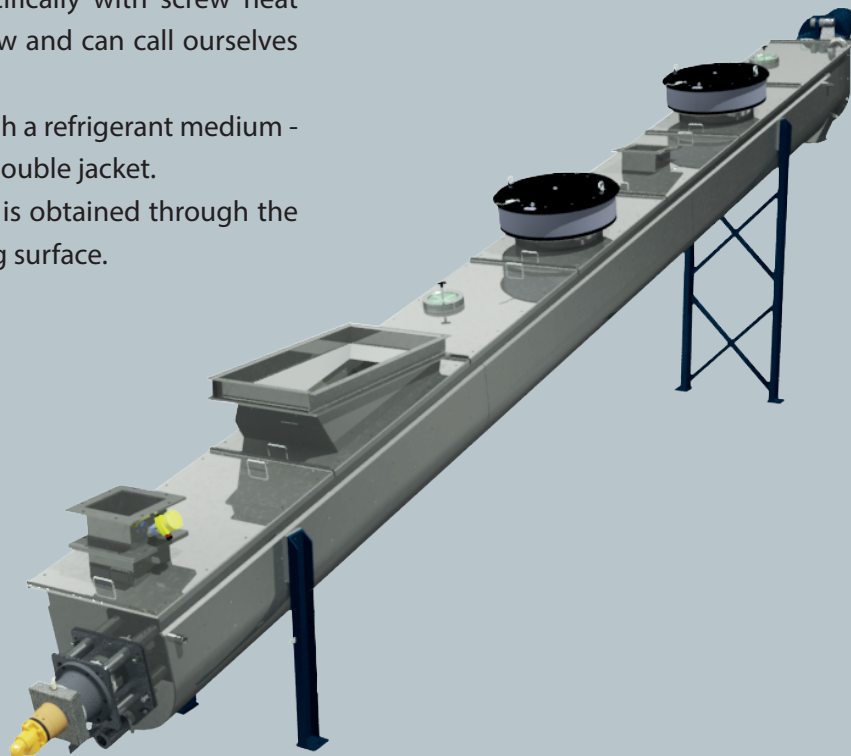
- chemical industry
- food industry
- environmental, etc.

## Conveying media

- bulk materials
- granules
- powders
- pasty or muddy products

## Versions

- mild steel
- stainless steel
- wear-resistant steel



## Size chart

type	screw diameter	heat exchange surfaces at l=						
		3000mm	4000mm	5000mm	6000mm	7000mm	8000mm	9000mm
UPK 300	300	4.10m <sup>2</sup>	5.51m <sup>2</sup>	7.05m <sup>2</sup>	8.45m <sup>2</sup>	-	-	-
UPK 400	400	5.85m <sup>2</sup>	7.57m <sup>2</sup>	9.70m <sup>2</sup>	11.70m <sup>2</sup>	13.59m <sup>2</sup>	-	-
UPK 600	600	9.05m <sup>2</sup>	12.10m <sup>2</sup>	14.69m <sup>2</sup>	18.15m <sup>2</sup>	20.81m <sup>2</sup>	24.18m <sup>2</sup>	26.93m <sup>2</sup>
UPK 800	800	-	-	-	-	-	-	36.17m <sup>2</sup>

## Advantages

Easy cleaning. Modular construction guarantees individual and customized solutions.