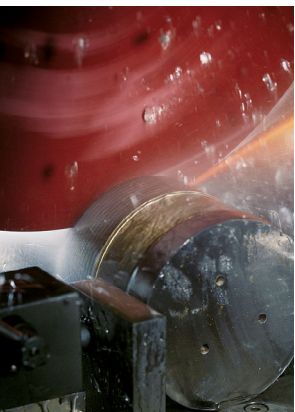




Reliable cooling - with built-in safety

Speed up production floor cutting processes with Coolimat-200 – a high capacity, automatic bandfilter from Struers. Robust, reliable and efficient, Coolimat-200 keeps on working so you can keep on cutting.



Coolimat-200 is an external, recirculation cooling unit designed for use with Struers' range of medium to large size cut-off machines. Dependable and hard-working, Coolimat-200 comes with a 200 litre water tank – ideal for intensive cutting volume.

What's more, Coolimat-200 is built with safety in mind. Unique features help you prevent accidents and support employee safety.

Efficiency: Possibility to connect multiple cutting machines to one Coolimat-200

High Capacity: Large 200 l tank allows for intensive cutting operations

Uninterrupted use: 500 m paper roll ensures long, uninterrupted service

Maximum Flexibility: Two pump sizes and left/right side configuration

Unprecedented Safety: Emergency stop and cover safety switch

Easy to use: Automatic bandfilter, disposable tank liner and coolant level indicator



Coolimat-200 with automatic filter paper replacement (magnetic filter is optional)



Coolimat-200 with two pumps and Cooli-1 control unit

Supporting your efficient workflow

In a busy production environment, you can't afford delays due to confusion about equipment setup and use, or defects and breakdowns. With automatic filter paper replacement, Coolimat-200 keeps working without interruption. An easy-to-see water level indicator, disposable paper filter and tank liners make operation and clean up fast. Coolimat-200 is built to last, ensuring reliable performance – even during rigorous cutting.

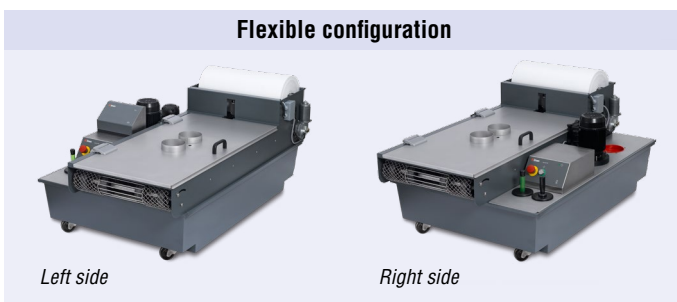
Flexible use and installation

Coolimat-200 is easy to set up, use and clean. To keep your production fast and flexible, Coolimat-200 is designed to hold enough water to ensure adequate cooling for two cut-off machines. Flexible installation options give you a choice of two pump sizes. Furthermore, Coolimat-200 can be installed on either the left or right side of the cut-off machine. When installed between two machines, Coolimat-200 can accept and supply cooling water from both.

Share Coolimat-200 between two cut-off machines

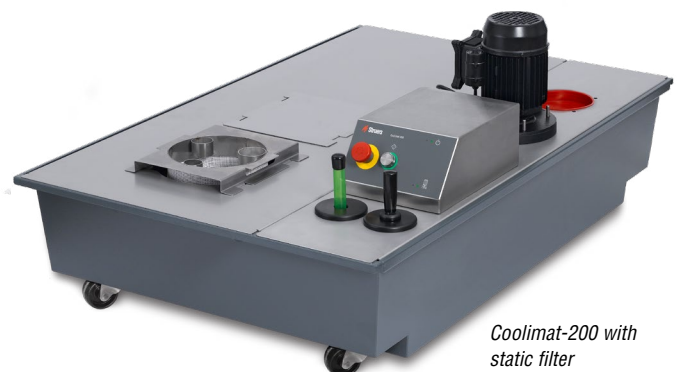
With Coolimat-200 you can use large or small pumps, depending on your needs. Coolimat-200 is standard prepared for connection of one large pump. Uniquely, Coolimat-200 allows for connection of a 2nd pump.

Flexible configuration



Left side

Right side



Coolimat-200 with static filter



Coolimat-200 emergency stop

High capacity filtration

Coolimat-200 is intended for use with cut-off machines for medium to high sample volume. Its large 0.6 m² filter area filters cooling water from one or two cut-off machines and returns the filtered water to the same machines.

200 litre tank and water level indicator

Holding 200 litres of water, the Coolimat-200's impressively large tank ensures adequate cooling even when the bandfilter is shared between two cut-off machines. Unlike other bandfilters, there is no guess-work as to the water level in the tank. A visual indicator at the front of the unit lets you know when it is time to add water to the Coolimat-200 tank.

Automatic replacement of filter paper

With an unmatched 500 metres filter paper roll, the bandfilter offers long, uninterrupted service with infrequent need for paper change. Fresh filter paper is always ready to use. When the filter paper is saturated with swarf, the water level rises, and a float activates the paper feed motor, which automatically feeds fresh filter paper.

Flexible installation

Coolimat-200 offers exceptionally flexible installation. The ability to install it on either the left or right side of the cut-off machine, or between two machines, enables you to choose the perfect installation for your workflow.

Unprecedented safety

Coolimat-200 puts safety first. To prevent accidents with the moving conveyor, Coolimat-200 is uniquely equipped with a safety switch on the conveyor cover and an emergency button on the control panel.

Disposable paper filters and tank liners

Used filter paper is collected in a waste bin at the front end of the Coolimat-200 for simple disposal.

The waste bin has two handles for easy carrying. The disposable tank liner makes it easy to clean out residue waste from the water tank. The waste collection bin comes with a disposable liner, too.

Optional magnetic filter

Extending the lifetime of the coolant, the optional magnetic filter candle serves as an additional filter for magnetic particles too fine to be collected by the bandfilter.

Coolimat-200 with static filter

If you prefer a solid state version, the Coolimat is available with a filter bag instead of the bandfilter. If a second pump is added, filtering capacity can be increased by adding a 2nd filter bag.



Coolant level indicator and optional magnetic filter (right).

Technical data		
Subject	Specification - Metric/International	Specification - US
Coolimat-200		
Height	709 mm*	27.9"
Width	850 mm	33.5"
Depth	1400 mm	55.1"
+ Collect Bin		
Height	270 mm	10.6"
Width	600 mm	23.6"
Depth	380 mm	15.0"
200 l Tank		
Height	285 mm	11.2"
Width	850 mm	33.5"
Depth	1275 mm	50.2"
Volume	200 l	52.8 gallons
Small pump		
Flow	60 l/min at 1 bar	15.9 gallons/min at 1 bar
Power	0.16 kW	0.16 kW
Large pump		
Flow	125 l/min at 1 bar	33 gallons/min at 1 bar
Power	0.7 kW	0.7 kW

*) excl. paper roll: 584 mm



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Specifications	Cat. no.	Pumps	Cat. no.
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Coolimat-200
External bandfilter unit. With 200 l tank and Cooli-2 control unit. Prepared for connection of one large pump (057660XX). Connection kit for additional small (06166904) or large pump (06166905) is ordered separately. Additional pump requires Cooli-1 control unit (05761116) and Connection kit for Cooli-1 (06166902), to be ordered separately. 06161116

Coolimat-200 with static filter
Automatic, external static filter unit with 200 l tank. Including XL filter unit. For use with medium volume cut-off machines. Stainless steel. Dimensions: 850 x 1,400 x 550 mm (WxDxH) 06161216

Accessories	Cat. no.
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Connection kit for Cooli-1
For connecting Cooli-1 control unit to Coolimat-200 (06161X16) 06166902

Connection kit for small pump
For connecting small pump (057661XX) to Coolimat-200 06166904

Connection kit for large pump
For connecting large pump (057660XX) to Coolimat-200 (06161X16) 06166905

Cooli-1 control unit
Control unit for Struers Cooling Units, to control pump 05761116

Magnetic filter
Magnetic filter candle for the removal of magnetic particles 05766911

XL Filter bag for XL filter unit
Replacement filter bag for XL filter unit 05766932 05766933

Large Pump
Capacity of 125 l/min at 1 bar. Requires Cooli-1 control unit.

Voltage	
1 x 100 V / 50 Hz CSA	05766016
1 x 100-120 V / 60 Hz CSA	05766023
1 x 220-240 V / 50 Hz CSA	05766022
1 x 220-240 V / 60 Hz CSA	05766024

Small Pump
Capacity of 60 l/min at 1 bar. Requires Cooli-1 control unit.

Voltage	
1 x 100 V / 50 Hz	05766116
1 x 100-120 V / 60 Hz	05766123
1 x 220-240 V / 50Hz	05766122
1 x 220-240 V / 60 Hz	05766124
1 x 100-120 V / 50/60 Hz CSA	05766216

Consumables	Cat. no.
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Paper for Coolimat-200
Width 500 mm. Length 500 m. For use with Coolimat-200 bandfilter (06161116) 06166901

Corrozip-LF. 1l
To protect the machine from corrosion, and to improve cutting and cooling qualities. For Recirculation Cooling Unit. 49900038

Corrozip-LF. 5 l
To protect the machine from corrosion, and to improve cutting and cooling qualities. For Recirculation Cooling Unit. 49900039

Unitclean
For cleaning of Recirculation Cooling Units to stop attack of microorganisms and remove unpleasant odours. 49900040

Disposable liners for 200 l tank
For collecting waste material in 200 l tank (06161X16), 5 pcs. 49900057

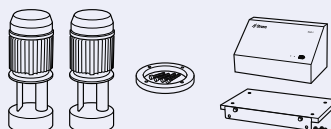
Disposable liner for collection bin
For collecting waste material in collection bin in front of Coolimat. 10 pcs. 06166906

Configuration	Required components
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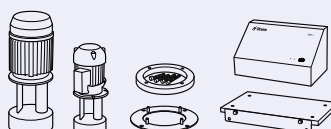
1 large pump	1 x Large pump (057660xx)
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2 large pumps	2 x Large pump (057660xx), 1 x Connection kit for large pump (06166905) 1 x Cooli-1 control unit (05761116) 1 x Connection kit for Cooli-1 (06166902)
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1 large + 1 small pump	1 x Large pump (057660xx) 1 x Small pump (057661xx) 1 x Connection kit for small pump (06166904) 1 x Cooli-1 control unit (05761116) 1 x Connection kit for Cooli-1 (06166902)
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Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.