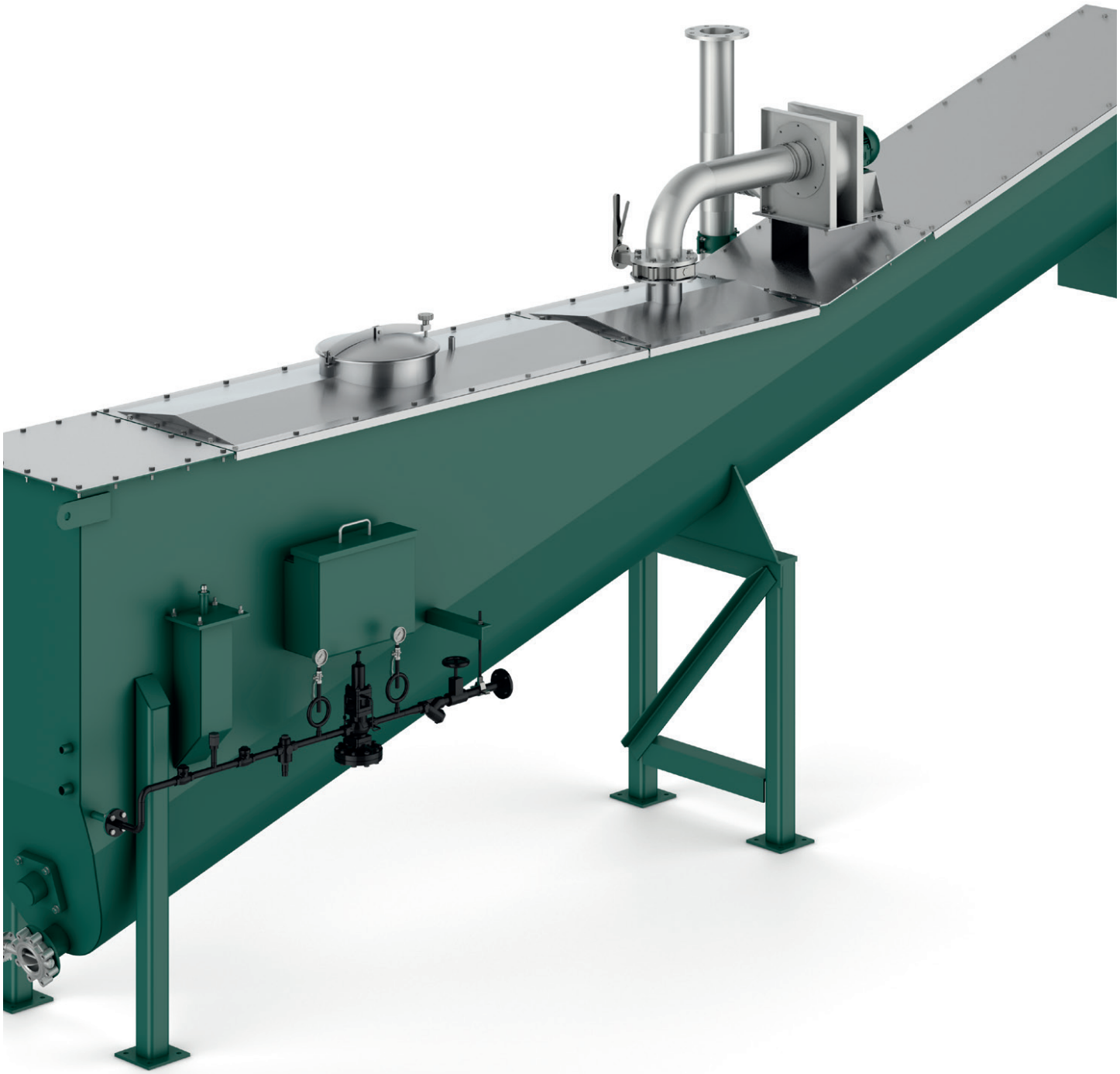
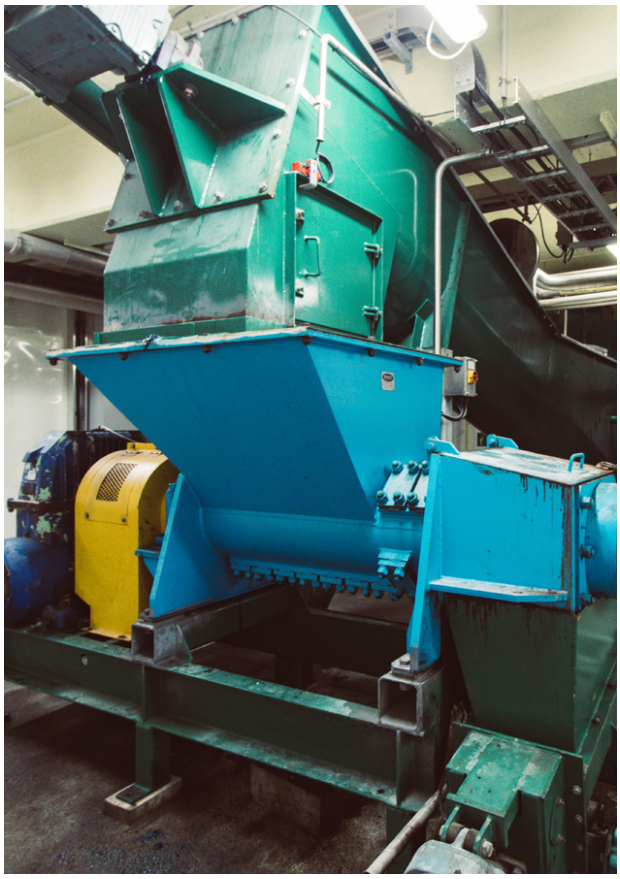
RENDERING & PROTEIN RECOVERY

CONTINUOUS WOOL HYDROLYSER

RENDERTECH





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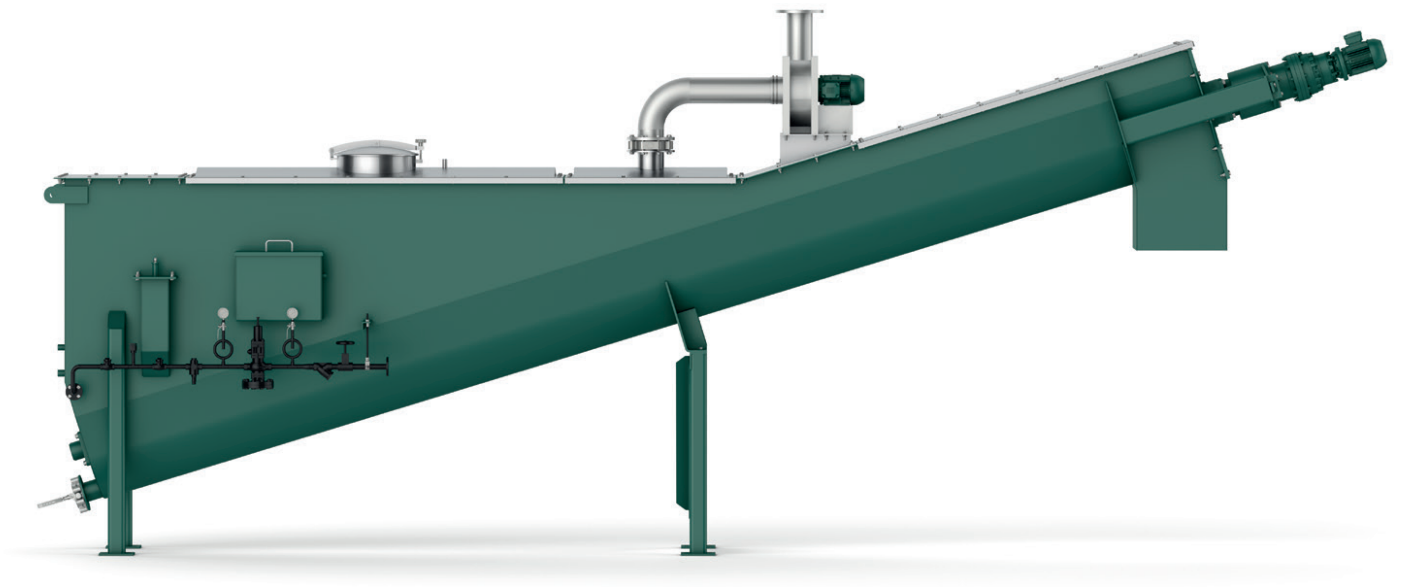


The Rendertech Continuous Wool Hydrolyser breaks down wool adhered to sheep heads, feet and skin pieces prior to rendering. Hydrolysing is achieved by immersing the woolly material in a heated caustic bath. The temperature, caustic concentration and holding time are all automatically controlled to maintain the correct degree of hydrolysation. This hydrolyser has proven to be particularly effective when used in low-temperature and continuous dry rendering plants, where it significantly reduces the quantity of fibre in meal and bonemeal.

FULLY AUTOMATIC FOR UNATTENDED OPERATION

Operator demands are minimal, thanks to automatic temperature control with modulating steam control valve, caustic concentration measurement with automatic caustic dosing, and automatic liquid level control.

ODOUR CONTROL

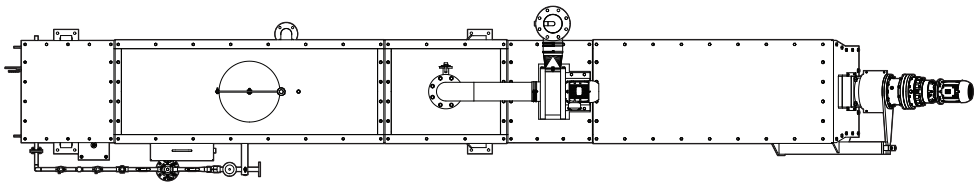
Fully enclosed, with odour extraction points for connection to your odour control system.

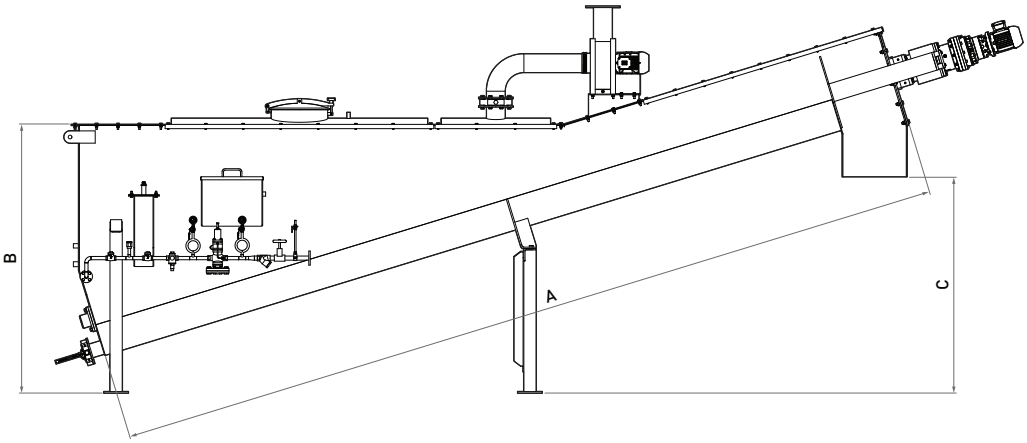
SIMPLE AND ROBUST CONSTRUCTION

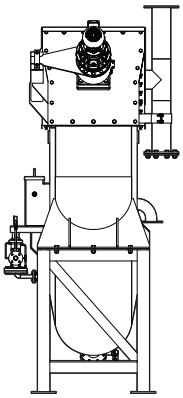
Built to last, using industry-standard components.

REDUCED FIBRE IN MEAL

The reduced fibre volume in the finished meal keeps your product within specification. It also reduces the load on the meal mill and the meal screen. With the wool fibre removed, you will have reduced plant wear, power consumption, and maintenance costs.







	CWH1	CWH2	CWH3
TECHNICAL SPECIFICATION			
Throughput (kgs/hr)	1,100	2,200	3,300
CONSUMPTION			
Electrical Power	75kWh / 1000 animals		
Steam	200kg / 1000 animals		
Caustic Soda (50% NaOH)	30kg / 1000 animals		
PRODUCT DIMENSIONS			
Dimension A (mm)	5,970	6,820	7,500
Dimension B, inlet height (mm)	1,790	2,210	2,660
Dimension C, outlet height (mm)	1,810	1,790	2,205

OPTIONS

- Drainer section
- Spray clean section
- Caustic handling and dosing system

YOUR PROCESS PARTNER

We are specialists in process and storage solutions, providing the products and technical expertise to get the best from your plant. For more information call for a no obligation chat about your processing needs.

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