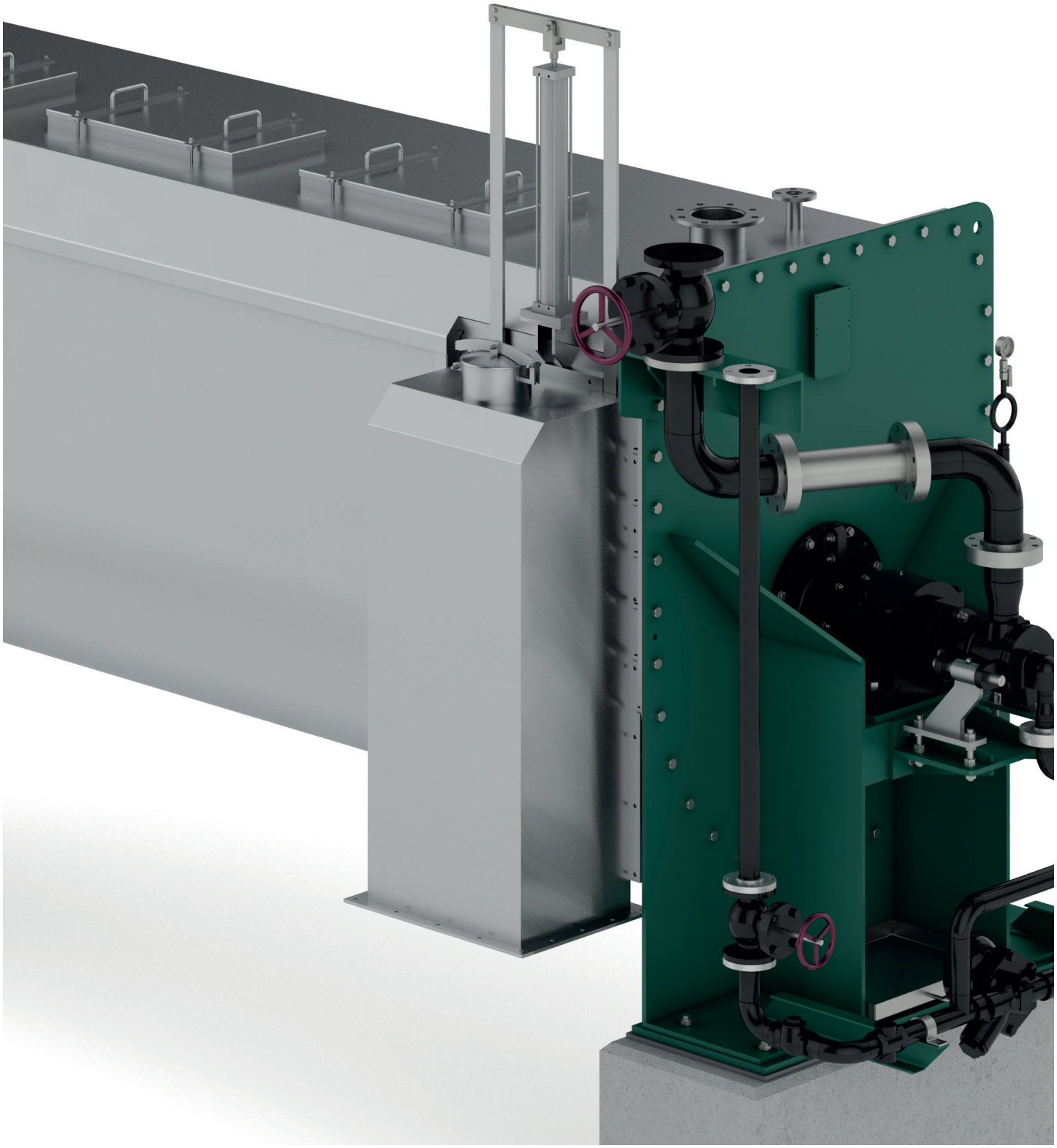
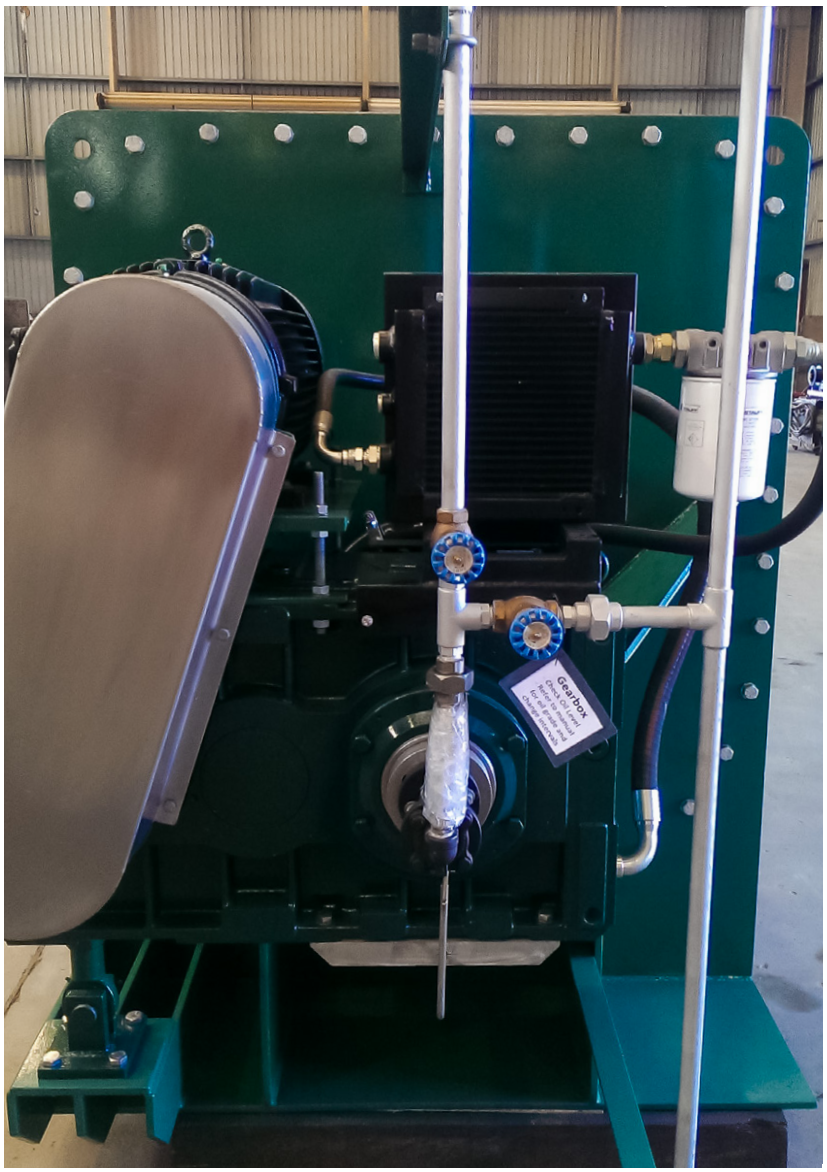
RENDERING & PROTEIN RECOVERY

PRECOOKER

RENDERTECH

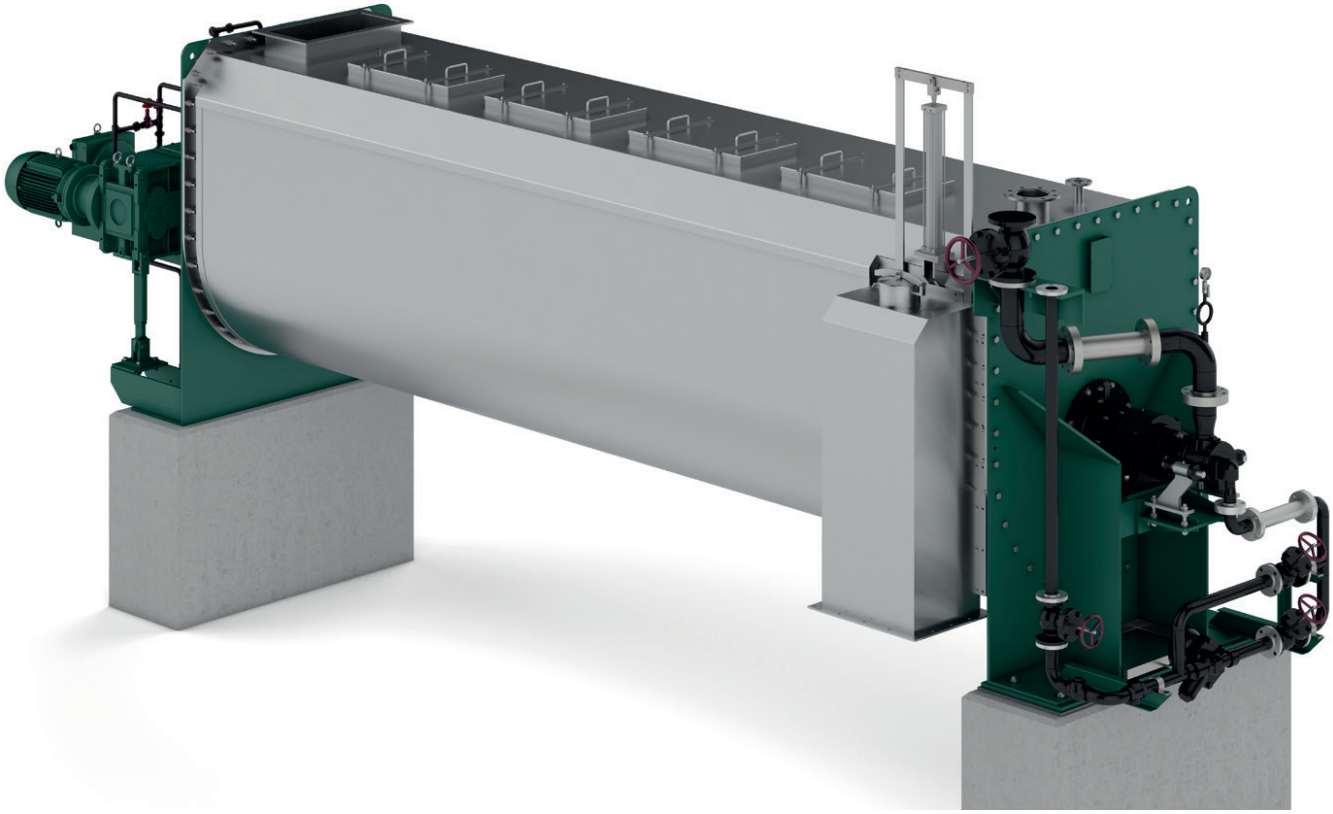



Gearbox

RENDERING & PROTEIN RECOVERY

PRECOOKER

RENDERTECH



The Rendertech Precooker is a steam-heated, indirect disc cooker used for heating meat and poultry co-products prior to mechanical dewatering and further processing. The Precooker uses a horizontal shell with a steam-heated hollow disc rotor for heating and transport of the product along the length of the Precooker. The Precooker rapidly heats the material to coagulate the proteins and break down the fat cells without harsh agitation. The temperature is automatically controlled by a steam modulating valve.

AUTOMATED CONTROL

This flexible and fully automatic machine is very simple to operate. It is well-designed and requires minimal operator input, even when handling difficult and sticky products.

LOW MAINTENANCE

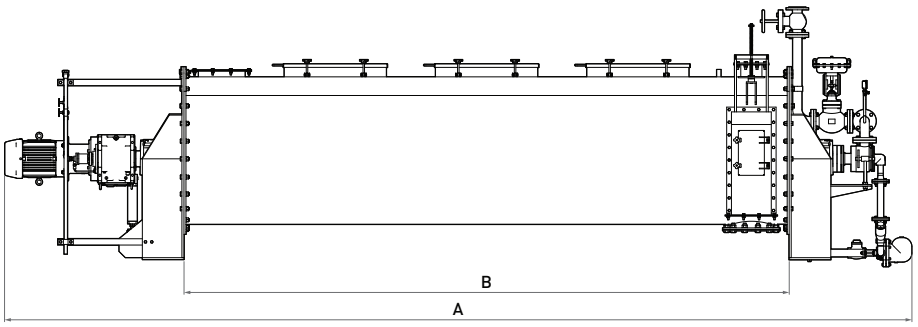
The Precooker uses robust construction and standard components. Hinged covers along the full length of the shell allow easy inspection and cleaning. A dump valve at the base allows for complete emptying and cleanout.

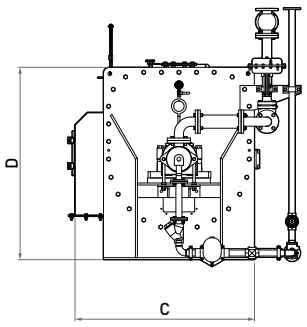
LOW ROTATION SPEED

The low rotation speed means reduced wear on the machine and produces less product 'fines'.

ODOUR CONTROL

The Precooker is fully sealed to capture odours and vapours, and has a flanged nozzle for connection to your odour control system.





	PC 5	PC 8.5	PC 10	PC 15	PC 20
TECHNICAL SPECIFICATION					
Nominal capacity (tonne/hr)	5	8.5	10	15	20
Drive motor (kW)	11	11	15	22	22
PRODUCT DIMENSIONS					
Dimension A (mm)	5,820	7,200	6,760	6,680	8,680
Dimension B (mm)	3,885	4,800	4,400	4,010	6,010
Dimension C (mm)	1,500	1,530	1,770	2,125	2,125
Dimension D (mm)	1,530	1,550	1,800	2,150	2,150
WEIGHT					
Shipping weight (kg)	4,200	5,000	7,100	9,100	10,800
TECHNICAL DATA					
Adjustable outlet weir for level control					
Manufactured to PD5500 pressure vessel code					
Normal working steam pressure 6 bar					
Shell insulated and clad with stainless steel					

OPTIONS

- Drainer conveyor
- Gearbox condition monitoring
- Platforms and structures
- Carbon steel or stainless steel

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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