

**RoseDowns**

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# ST100R

## RENDERING PRESS



**PRESSING  
EXCELLENCE**

RoseDowns is a proud part of the global Desmet organisation

The innovative design of the ST100R Screw Press is a result of RoseDowns industry experience and knowledge, which has been gained over many years as one of the world leaders in the field of Oils and Fats.

# ST100R

## RENDERING PRESS

### Design Basis

- High Reliability
- Maintenance Friendly
- Flexible Layout & Installation
- Value Added Options

### Key Features

- Feeder Assembly
- Worm Assembly
- Gearbox & Thrust Assembly
- Discharge End Bearing
- Stainless Steel Covers

**ROSE**DOWNNS

global solutions provider  
of presses & parts for  
oilseeds and rendering



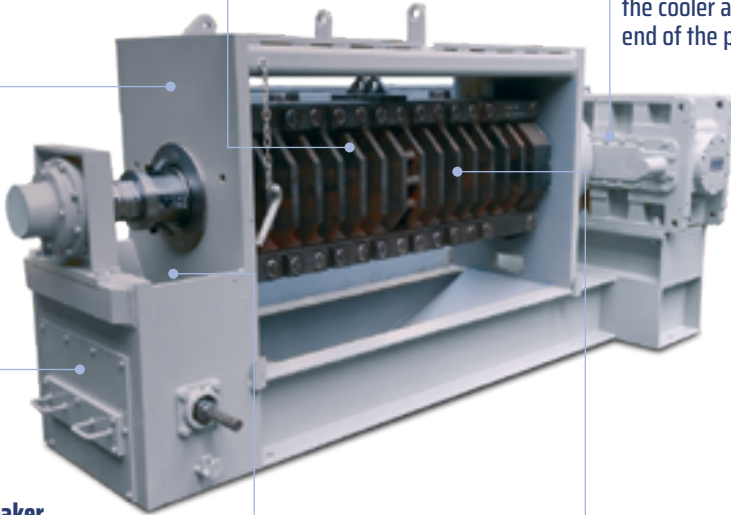
**1 Heavy Duty Frame**  
Fully welded construction to eliminate movement at joints.



**2 Access**  
One piece cast cage opens to 180° for ease of maintenance access.



**3 Feed End Drive**  
The gearbox and thrust assembly are located at the cooler and cleaner end of the press.



**4 Cake Breaker**  
Designed to break the fresh cake in the discharge end of the press, minimising wear & power consumption.

**5 Cake**  
Enabling safe & easy sampling of the cake.

**6 Multistage Worm Assembly**  
Low foots & long wear life, lower power consumption.



## Dimensions

## Weight

## Installed Power\* (Subject to application)

Length	<b>3,100 mm</b>	Overall Press	<b>5,500 kg</b>	Main Motor	<b>30 kW (40 HP)</b>
Frame Width	<b>725 mm</b>	Half Cage	<b>1,000 kg</b>	Horizontal Feeder	<b>0.75-1.5 kW (1-2 HP)</b>
Max Width	<b>1,100 mm</b>	Worm Assy	<b>800 kg</b>	Vertical Feeder	<b>1.5 kW (2 HP)</b>
Frame Height	<b>1,350 mm</b>	Gearbox	<b>1,000 kg</b>	Cake Breaker*	<b>1.5 kW (2 HP)</b>
Inlet Height	<b>1,675 mm</b>			Barring Motor*	<b>5.5 kW (7 HP)</b>
Cage Bore	<b>200 mm</b>			Gearbox Oil Cooler*	<b>0.75-1.5 kW (1-2 HP)</b>

(\*) **Optional.** All dimensions are approximate. We reserve the right to alter the specification at any time without prior notice.

# DESIGN AND MANUFACTURE OF SCREW PRESSES

BUILDING ON  
A LEGACY

Cannon Street - Kingston Upon Hull HU2 0AD - United Kingdom  
Tel +44 (0)1482 329864 | E-mail [sales@rosedowns.co.uk](mailto:sales@rosedowns.co.uk)

Großer Weidenweg 3a - 27367 Ahausen/Eversen - Germany  
Tel +49 (0)4231-982 88 0



[rosedowns.co.uk](http://rosedowns.co.uk)