

RoseDowns

ST600R

RENDERING PRESS



**PRESSING
EXCELLENCE**

RoseDowns is a proud part of the global Desmet organisation

The innovative design of the ST600R 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.

ST600R

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



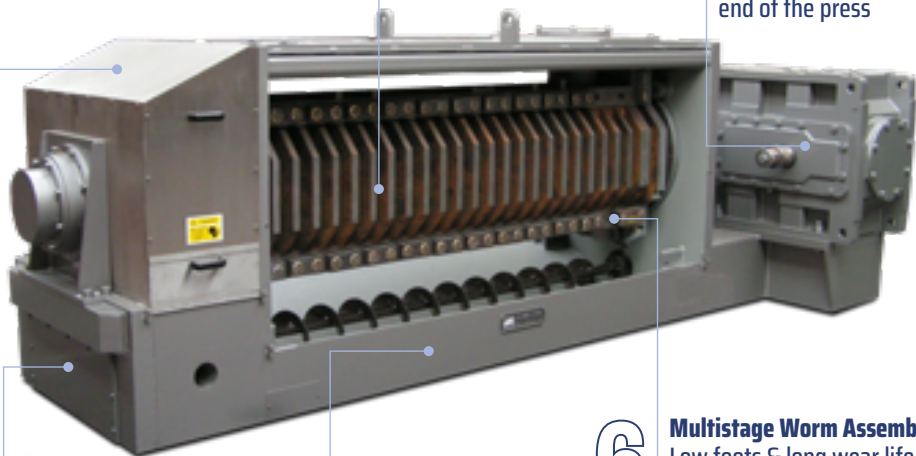
1 Removable Covers
Stainless steel covers around the cake area enables good access for lifting equipment to handle the worm assembly components.



2 Cage
Press cages lower to the horizontal position making cage lining quick & easy



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



4 Cake Breaker
Value added option. Minimising wear & power consumption.



5 Heavy Duty
Strong rigid frame with access.



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



Dimensions

Length	4,900 mm
Frame Width	1,200 mm
Max Width	1,915 mm
Frame Height	1,500 mm
Inlet Height	1,900 mm
Cage Bore	350 mm

Weight

Overall Press	18,000 Kg
Half cage	2,500 Kg
Worm Assy	2,000 Kg
Gearbox	3,300 Kg

Installed Power* (Subject to application)

Main Motor	200-400 kW (270-540 HP)
Base Conveyor	1.1 kW (1.5 HP)
Vertical Feeder*	2.2-4.0 kW (3-5.5 HP)
Horizontal Feeder	2.2-4.0 kW (3-5.5 HP)
Cake Breaker*	5.5kW (7.5 HP)
Barring Motor*	11 kW (15 HP)
Gearbox Oil Cooler*	2.2 kW (3.0 HP)

(*) **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

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