

R1100S R1100DS



COMPACT - FLEXIBLE - QUICKLY OPERATIONAL - POWERFUL

The highlights

- Continuous, fully hydraulic gap adjustment (electronic display)
- Feeder adjustment by remote control
- Automatic, continuous control of the adjusted feeder speed
- Unique double-functional return belt system
- R1100DS „DUPLEX-able“: change from impact to jaw crusher within a few hours possible

Technical details:

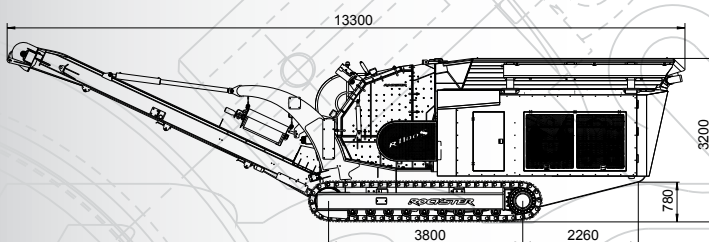
Inlet opening:	1100 x 720 mm / 44 x 29 in
Rotor:	4 hammers
Crusher drive:	hydrostatic
Rotor speed:	continuously variable
Swing beams:	2 (individually adjustable)
Gap adjustment:	fully hydraulic
Performance:	up to 400 t/h / 440 st/h
Drive unit:	TIER3/TIER4f engine

Main discharge conveyor,
width: 1200 mm / 48 in
hydraulically lowerable
Discharge height: ~ 3,5 m / 11.5 ft

Side discharge conveyor,
width: 650 mm / 26 in
hydraulically foldable
Discharge height: ~ 2,4 m / 7.9 ft

Basic equipment:

Feed hopper (Hardox) - 5 m³ / 6.6 yd³
Vibration plate with 2-step pre-screener
Adjustable bypass chute (main/side conveyor)
Magnetic separator
Remote control
Sound-proofing
Crusher overload protection
Dust suppression system
Electronic controller with color display

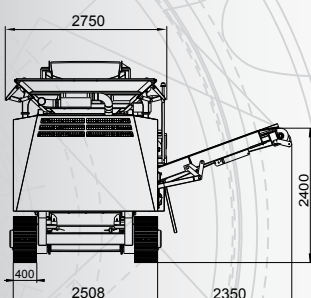


Transport dimensions R1100S:

Length: 13,30 m / 43.7 ft
Width: 2,75 m / 9.1 ft
Height: 3,20 m / 10.5 ft
Weight: 32,90 t / 72,600 lbs

Transport dimensions R1100DS:

Length: 13,30 m / 43.7 ft
Width: 2,75 m / 9.1 ft
Height: 3,40 m / 11.2 ft
Weight: 33,40 t / 73,700 lbs



DUPLEX SYSTEM



One machine - unlimited possibilities!

The exclusive crusher unit design allows the transformation from a jaw crusher (R1200D) to an impact crusher (R1100DS) and vice versa in only a few hours.

Achieve maximum machine utilization by using one carrier and different crusher units to rapidly adapt to different job requirements.

OPTION: Screenbox RS114 + double-functional return belt RB95

The screening system - consisting of the compact circular vibrating screen RS114 in combination with the double-functional return/stockpile belt RB95 - is the perfect option to ensure 100 % defined final grain.



RS114 Screenbox:

Screen surface: 3100 x 1350 mm / 10.2x4.5 ft

Standard mesh: 38 mm / 1.5 in

Special screen sizes on demand.

Screenbox hydraulically lowerable!

Discharge conveyor final grain:

Width: 1200 mm / 48 in

Discharge height: ~ 3,2 m / 10.5 ft

RB95 Double-functional return/stockpile belt:

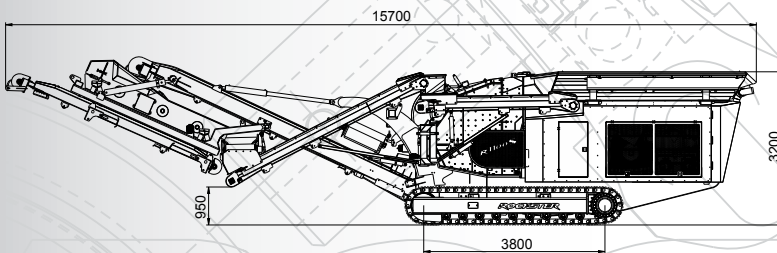
Width: 600 mm / 24 in

Either use as discharge conveyor:

Discharge height: ~ 3,6 m / 12.0 ft

Or return of oversized material directly back to the feed hopper.

Hydraulic cylinders on the screenbox save maintenance time.



Transport dimensions R1100S+RS114+RB95:

Length: 15,70 m / 51.6 ft

Width: 2,99 m / 9.9 ft

Height: 3,20 m / 10.5 ft

Weight: 37,10 t / 81,800 lbs

Transport dimensions R1100DS+RS114+RB95:

Length: 15,70 m / 51.6 ft

Width: 2,99 m / 9.9 ft

Height: 3,40 m / 11.2 ft

Weight: 37,60 t / 82,900 lbs

FURTHER OPTIONS

- Onboard air compressor
- Central lubrication system
- Main belt wear protection
- Water pump
- Belt weigh scale
- Hammer quick changing device
- Customized painting
- Main conveyor service device



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