



ROCKSTER®
RECYCLER

KATALOG PRODUKTÓW



TRACK-MOUNTED CRUSHING PLANTS

R700S



R800



R900



**Duplex
R800/R900**



R1000S

NEW



R1100S



R1100DS



R1200D



**Duplex
R1100DS/R1200D**



R1100DE



TRACK-MOUNTED SCALPING, FINISHING & TROMMEL SCREENS

RSS410



RSS514



RDS410



RDS514/RTS514



RTT517



Also available in
wheeled mobile
version!

RTT720



Also available in
wheeled mobile
version!

TRACK-MOUNTED STACKERS



R700S – TRACK-MOUNTED IMPACT CRUSHER



Inlet opening: 710 x 650 mm / 28 x 26 in

Performance: up to 150 t/h / 170 st/h

Weight: 19,6 t / 43,200 lbs
22,5 t / 49,600 lbs (with screen box RS73 +
double-functional return/stockpile belt RB65)

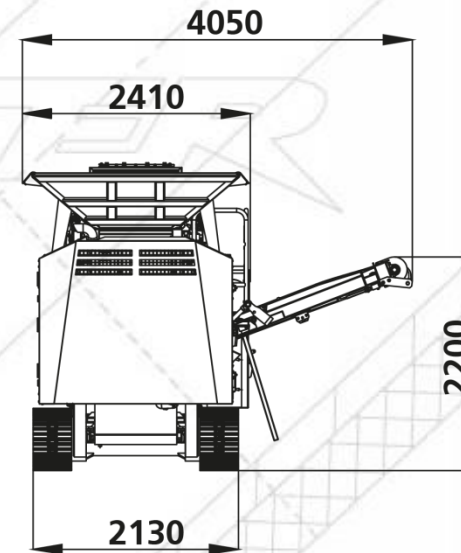
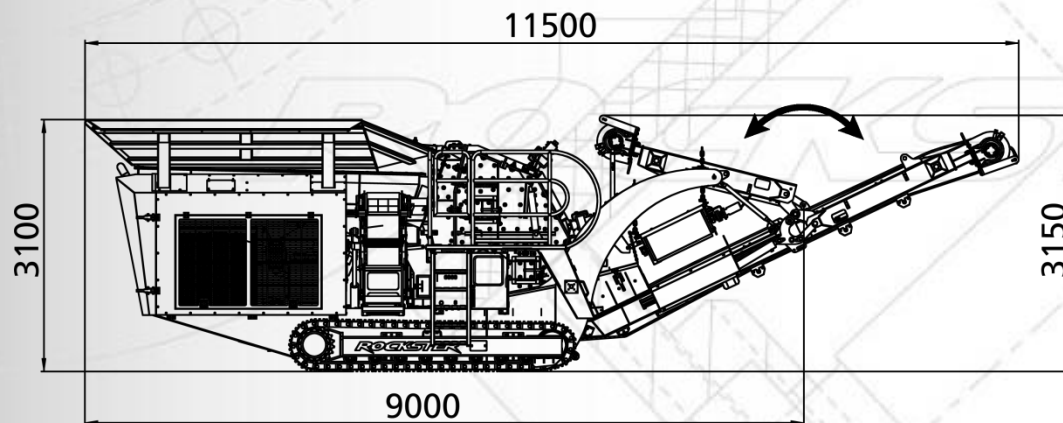
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R700S – TRANSPORT DIMENSIONS



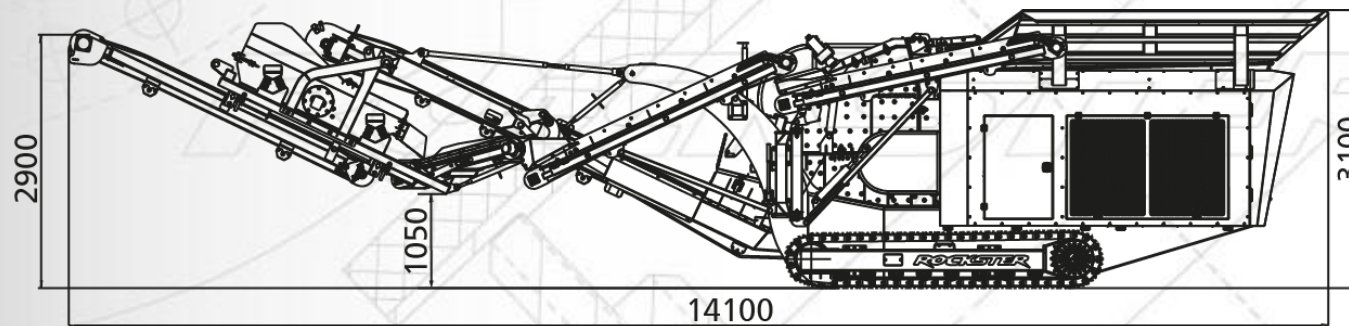
Transport dimensions R700S:

Length: 9,00 (11,50) m / 29.6 (37.8) ft
Width: 2,41 m / 8.0 ft
Height: 3,15 (3,10) m / 10.4 (10.2) ft



[Back to overview](#)

R700S – TRANSPORT DIMENSIONS



Transport dimensions R700S + RS73 + RB65:

Length: 14,10 m / 46.3 ft
Width: 2,52 m / 8.3 ft
Height: 3,10 m / 10.2 ft



[Back to overview](#)

R700S – STRUCTURE

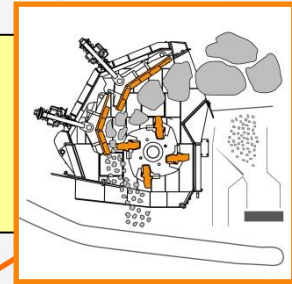


FEEDING DEVICE:

HOPPER – STORAGE of MATERIAL
VIBRATION FEEDER – TRANSPORT of MATERIAL

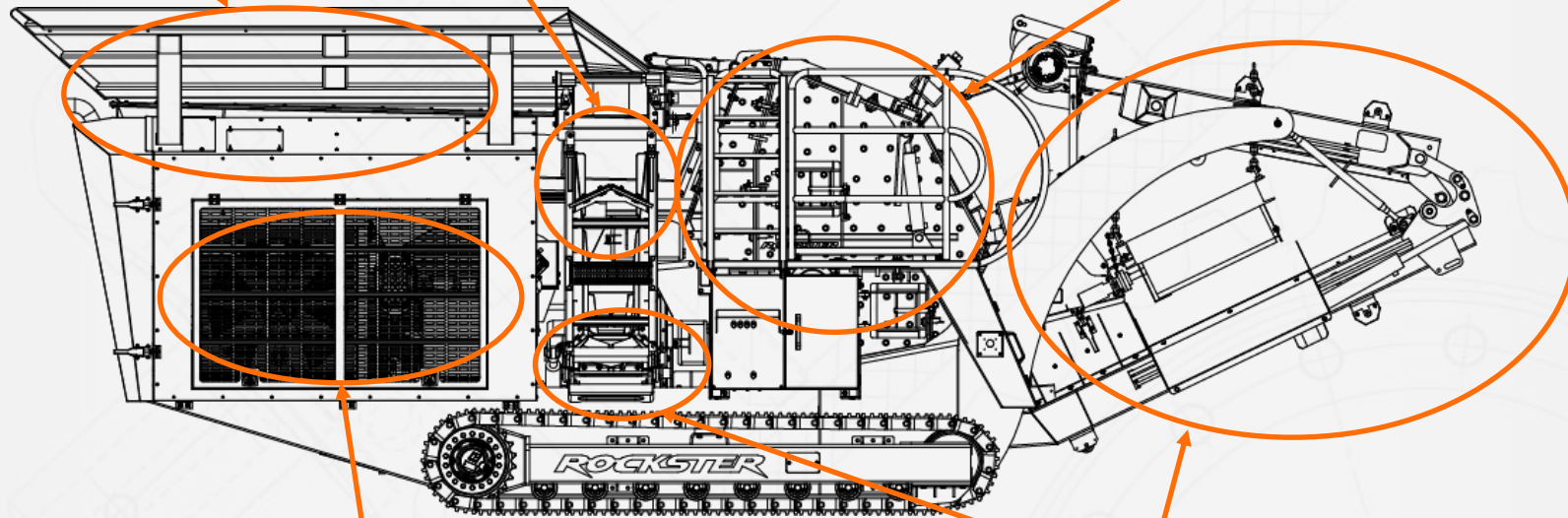
CRUSHER UNIT:

IMPACT CRUSHER



PRE-SCREEN:

WEAR PROTECTION, MATERIAL CLEANING
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESEL ENGINE
HYDRAULIC SYSTEM
HYDROSTAT

DISCHARGE:

MAIN BELT – final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R700S – SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable pre-screen for:

- ➔ better material handling
- ➔ less accumulations



Adjustable speed on vibration feeder

Load control system –
overload protection



[Back to overview](#)

R700S – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

or

➔ **Side discharge belt**

to receive cleaner material or to get final product

Easy change-over with flap operated by lever

NO wear or service!



R700S – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

➔ 2 swing beam system
(2 adjustable crushing steps)

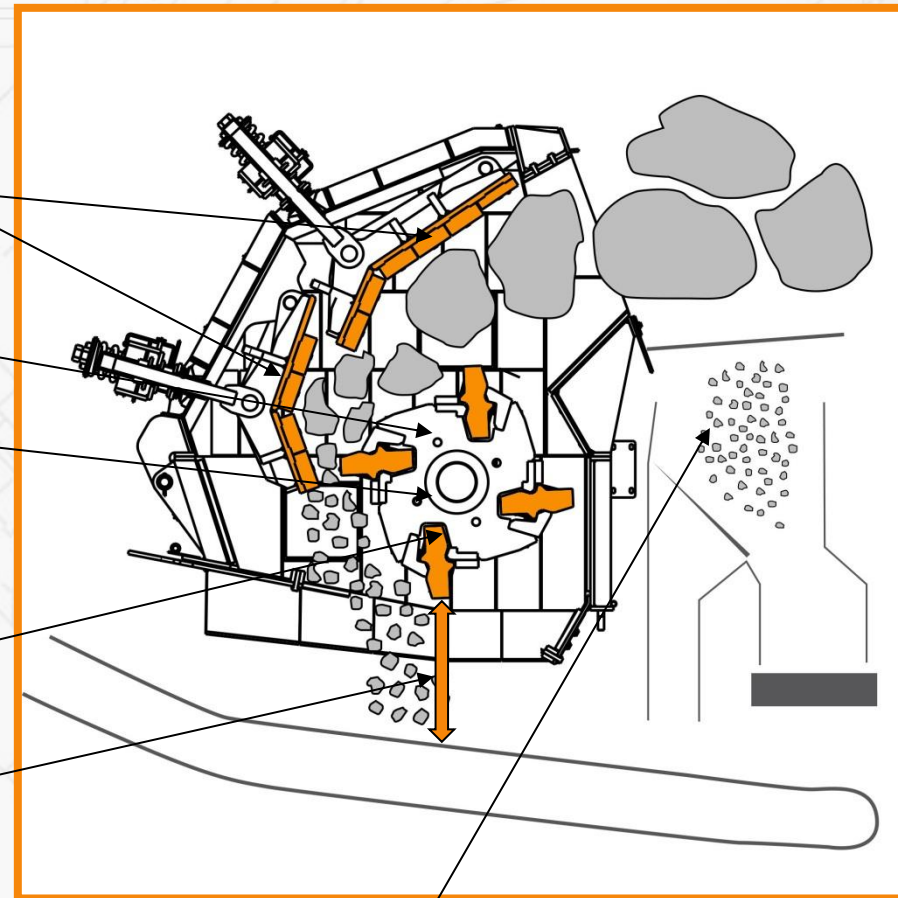
➔ Massive rotor

➔ Oversized bearings
and shafts

➔ Big rotor diameter:
930 mm / 37 in

➔ Heavy blow bars

➔ Big discharge height



➔ Pre-Screening

[Back to overview](#)

R700S – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

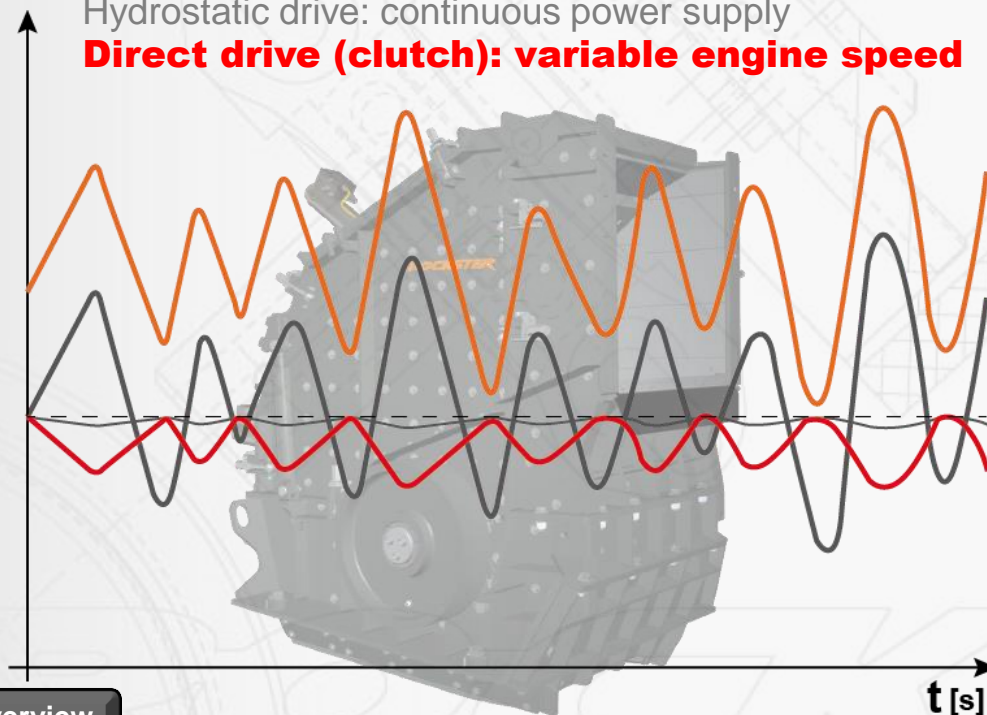
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 850 rpm**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



CONTINUOUS PRODUCTION

[Back to overview](#)

R700S – SPECIALS: BEST ACCESSIBILITY

For easy operation & comfortable service and maintenance

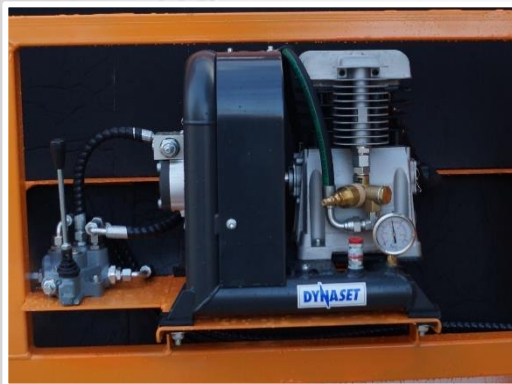


Above average ribs
for better cleaning
and ventilation



[Back to overview](#)

R700S – OPTIONS



Onboard air compressor

For machine cleaning (coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the dedusting points (for dust suppression).



Hammer exchange system

Lifting support for the exchange of the hammers.
Fixed on crusher.



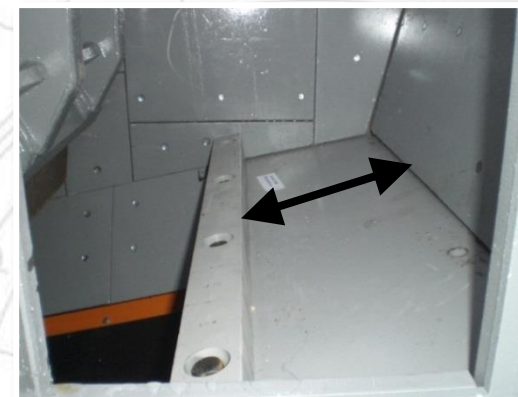
Central lubrication

Fully automatically lubrication system with integrated electronic control.



Belt weigh scale

Measuring of the performance on the discharge conveyor (t/h) including printer for receipts.



Main belt – wear protection

Adjustable wear plate at crusher outlet for belt protection.

[Back to overview](#)

R700S - EASY OPERATION: INTUITIONAL HANDLING



Wireless remote control
with main functions as standard

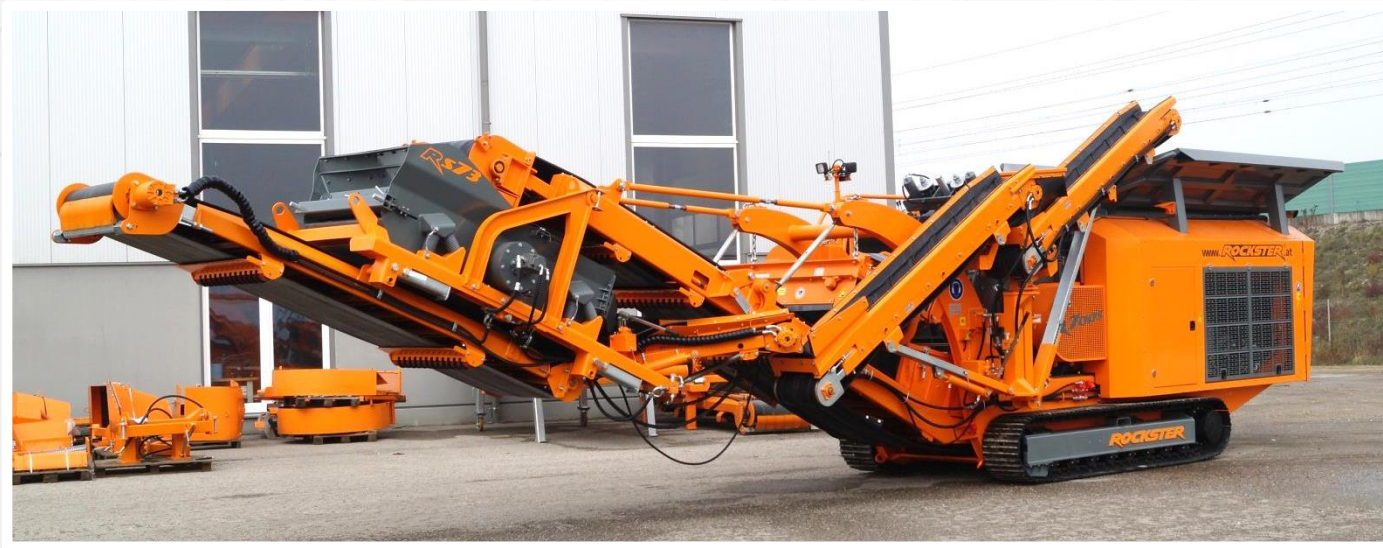
Intuitional and easy to use
central **machine control unit**



[Back to overview](#)

R700S – OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system consisting of screenbox RS73 and double-functional return/stockpile belt RB65 for producing 100% defined final grain.

Screenbox 1-Deck:

Screening surface: 1830 x 1000 mm / 73 x 40 in
Discharge height: ~ 2,9 m / 9.5 ft
Standard screen: 38 mm / 1.5 in



[Back to overview](#)

R700S – OPTION: CRUSH & SCREEN

Different positions of the return belt



Working position
Oversize return




Working position
Oversize stockpile

[Back to overview](#)

R700S – RECYCLING OF ASPHALT

Material:	asphalt
Feeding size:	0 - 500 mm / 0 - 20 in
Final grain size:	0 - 22 mm / 0 - 1 in 22 - 50 mm / 1 - 2 in
Performance:	up to 120 t/h / 130 st/h



Final material 1

Final material 2



Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R700S – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in
Performance:	up to 100 t/h / 110 st/h



Feeding material



Final material

[Back to overview](#)


www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R700S – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 45 mm / 0 – 1 3/4 in
Performance:	up to 120 t/h / 140 st/h



Final material



Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...


ROCKSTER
RECYCLER

R700S – RECYCLING OF DEMOLITION DEBRIS

Material:	demolition debris
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in
Performance:	up to 100 t/h / 110 st/h



Final material



Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R700S – PROCESSING OF GRAVEL



Material:	gravel
Feeding size:	0 - 500 mm / 0 - 20 in
Final grain size:	0 - 32 mm / 0 - 1 1/3 in
Performance:	up to 100 t/h / 110 st/h

Final material

[Back to overview](#)

[Skip to Typical Rockster](#)

R800 – TRACK-MOUNTED JAW CRUSHER



Inlet opening: 800 x 500 mm / 32 x 20 in

Performance: up to 120 t/h / 140 st/h

Weight: 25,7 t / 56,700 lbs
29,1 t / 64,200 lbs (with screenbox RS83 + return belt RB75)

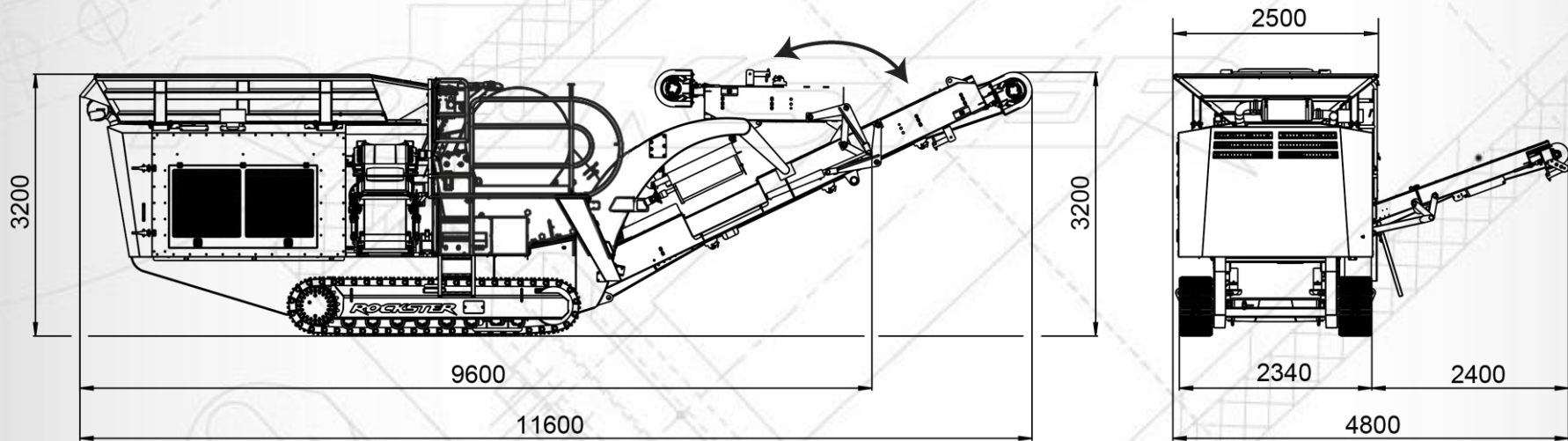
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R800 – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 9,60 m / 31.5 ft

Width: 2,50 m / 8.2 ft

Height: 3,20 m / 10.5 ft

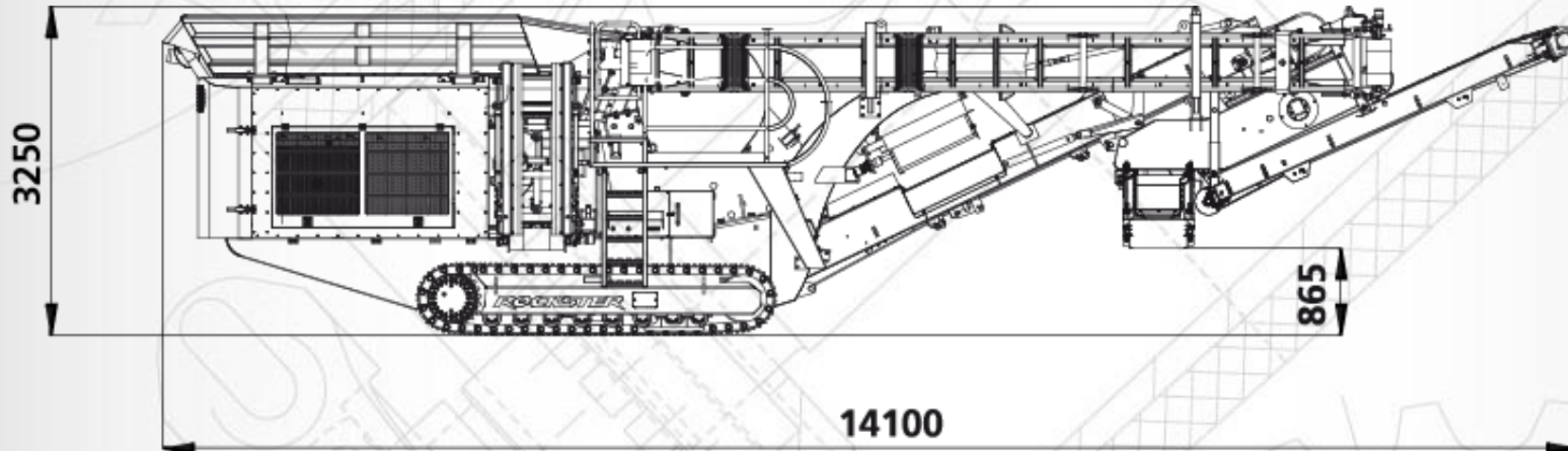


[Back to overview](#)

www.rockster.at

ROCKSTER[®]
RECYCLER

R800 – TRANSPORT DIMENSIONS



Transport dimensions with screen box RS83 + return belt RB75:

Length: 14,10 m / 46.3 ft

Width: 2,50 m / 8.2 ft

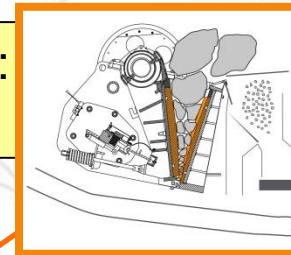
Height: 3,25 m / 10.7 ft

[Back to overview](#)

R800 – STRUCTURE

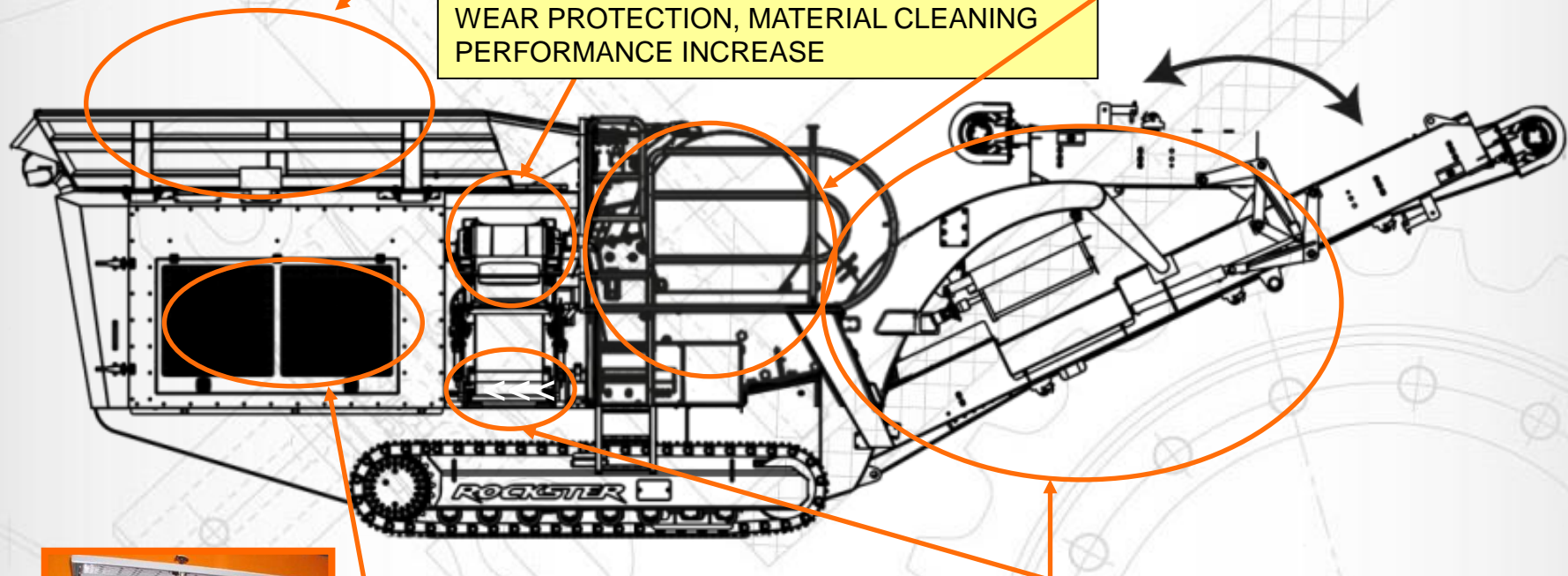


FEEDING DEVICE:
HOPPER – STORAGE of MATERIAL
VIBRATION FEEDER – TRANSPORT of MATERIAL



CRUSHER UNIT:
JAW CRUSHER

PRE-SCREEN:
WEAR PROTECTION, MATERIAL CLEANING
PERFORMANCE INCREASE



DRIVE SYSTEM:
DIESE ENGINE
HYDRAULIC SYSTEM
HYDROSTAT

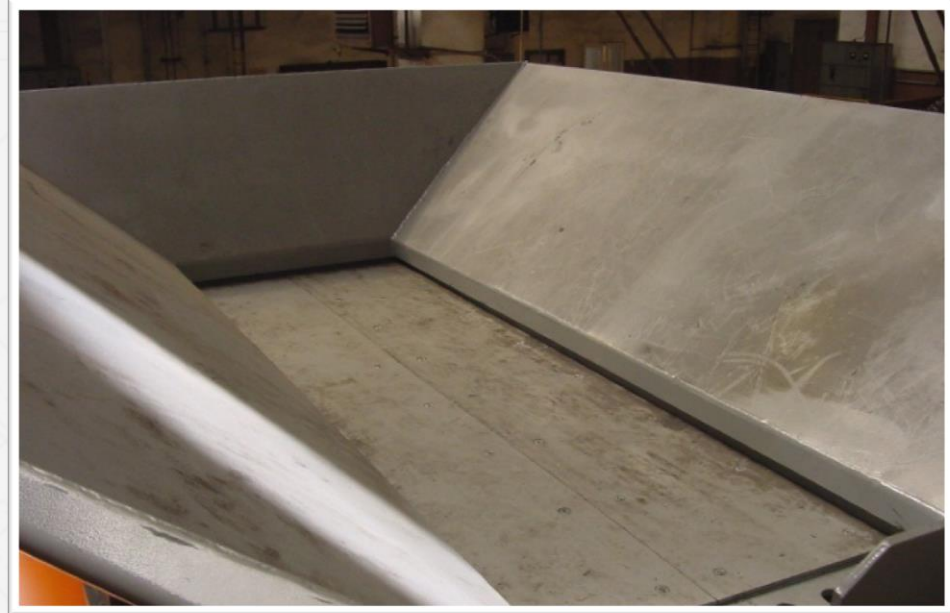
DISCHARGE:
MAIN BELT – Final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R800 – SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable pre-screen for:

- ➔ better material handling
- ➔ less accumulations



Adjustable speed on vibration feeder

Load control system –
overload protection

R800 – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

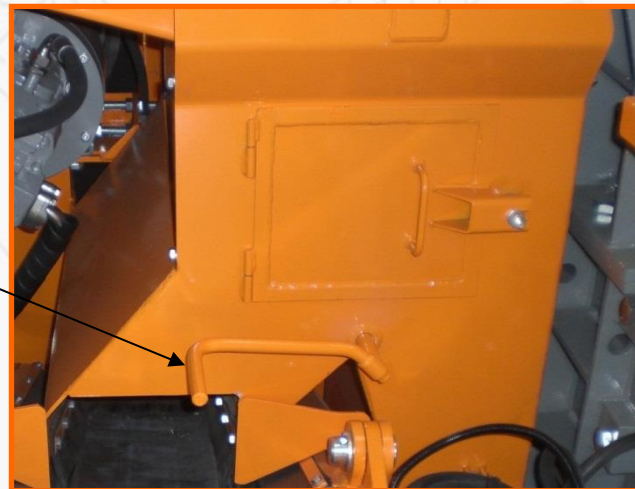
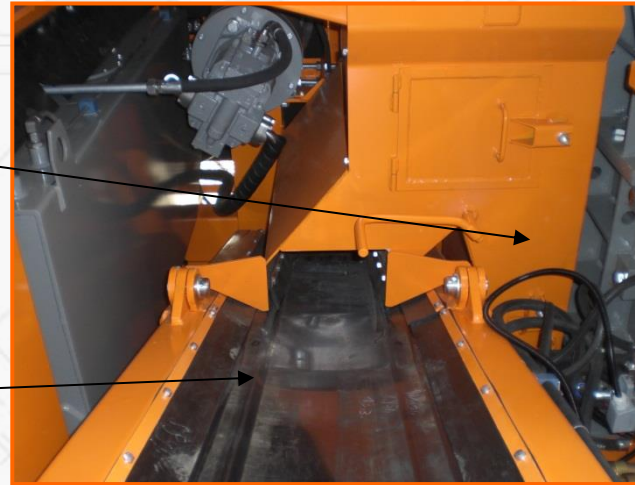
or

➔ **Side discharge belt**

to clean the material or get final product

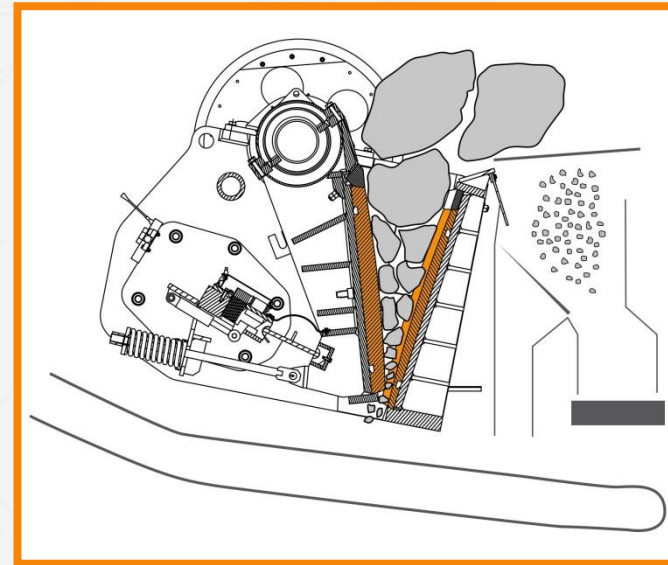
Easy change-over with flap operated by lever

NO wear or service!

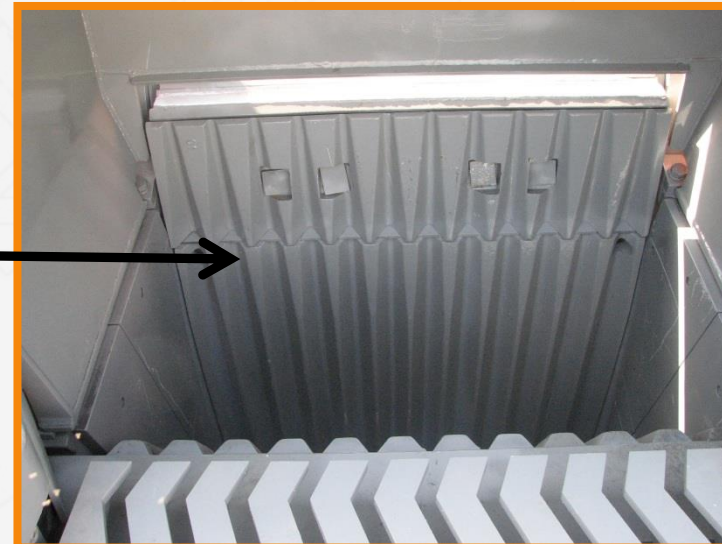


ROBUST CRUSHER UNIT

- ➔ Hydraulic gap adjustment
- ➔ Hydrostatic driven
- ➔ reversible
- ➔ Oversized bearings and shafts



standard jaw plates



R800 – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

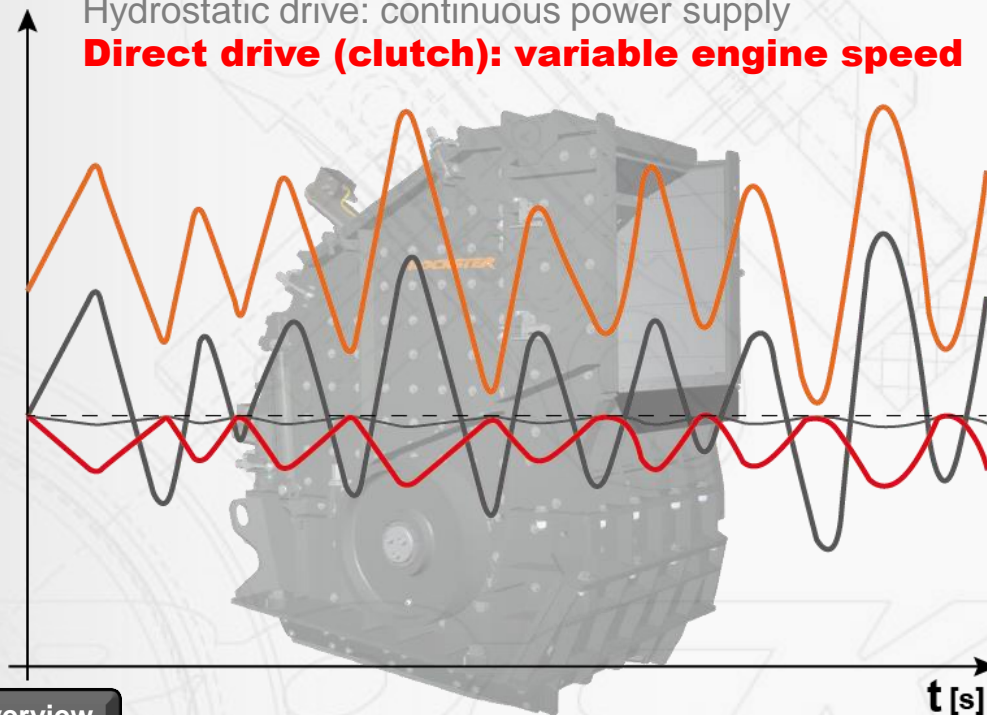
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 320 rpm**
- ➔ **Adjustment of rotating direction (Duplex System)**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



**CONTINUOUS
PRODUCTION**

R800 – SPECIALS: BEST ACCESSIBILITY

For easy operation & comfortable service and maintenance



Above average ribs
for better cleaning
and ventilation

[Back to overview](#)

R800 – OPTION: DUPLEX SYSTEM R800/R900



**From jaw crusher to impact crusher and vice versa
– in shortest time**

[Back to overview](#)

www.rockster.at

ROCKSTER[®]
RECYCLER

R800 - OPTION: DUPLEX SYSTEM R800/R900

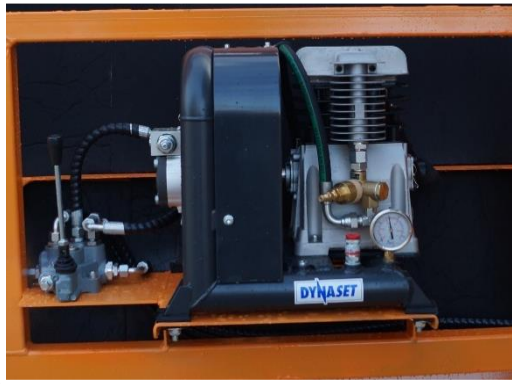


Within shortest time the track mobile crushing plant R800 can be changed from **Jaw crusher into Impact crusher R900** and vice versa.

Therefore the plant can be **optimized to different requirements** of the feeding material and guarantees a versatile operation of the plants.

[Back to overview](#)

R800 – OPTIONS



Onboard air compressor

For machine cleaning
(coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the
dedusting points
(for dust suppression).



Central lubrication

Fully automatically
lubrication system with
integrated electronic control.



Belt weigh scale

Measuring of the performance on
the discharge conveyor (t/h)
including printer for receipts.

[Back to overview](#)

R800 - EASY OPERATION: INTUITIONAL HANDLING

Intuitional and easy to use
central **machine control unit**



Wireless remote control
with main functions as standard



[Back to overview](#)

R800 – PROCESSING OF GRANITE

Material:	granite
Feeding size:	0 – 500 mm / 0 – 20 in
Final grain size:	0 – 70 mm / 0 – 2 3/4 in
Performance:	up to 100 t/h / 110 st/h



Feeding material



Final material

[Back to overview](#)

R800 – PROCESSING OF GRANITE

Material: granite
Feeding size: 0 – 500 mm / 0 – 20 in
Final grain size: 0 – 70 mm / 0 – 2 3/4 in
Performance: up to 100 t/h / 110 st/h



[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R800 – PROCESSING OF LIMESTONE

Material:	limestone
Feeding size:	0 – 400 mm / 0 – 16 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in 32 – 70 mm / 1 1/3 – 2 3/4 in
Performance:	up to 130 t/h / 150 st/h



Feeding material



Final material: 0-32/0-1.3



Final material: 32-70/1.3-2.8

[Back to overview](#)

[Skip to Typical Rockster](#)

R900 – TRACK-MOUNTED IMPACT CRUSHER



Inlet opening: 900 x 720 mm / 36 x 29 in

Performance: up to 240 t/h / 270 st/h

Weight: 25,2 t / 55,600 lbs
28,6 t / 63,100 lbs (with screenbox RS83 + return belt RB75)

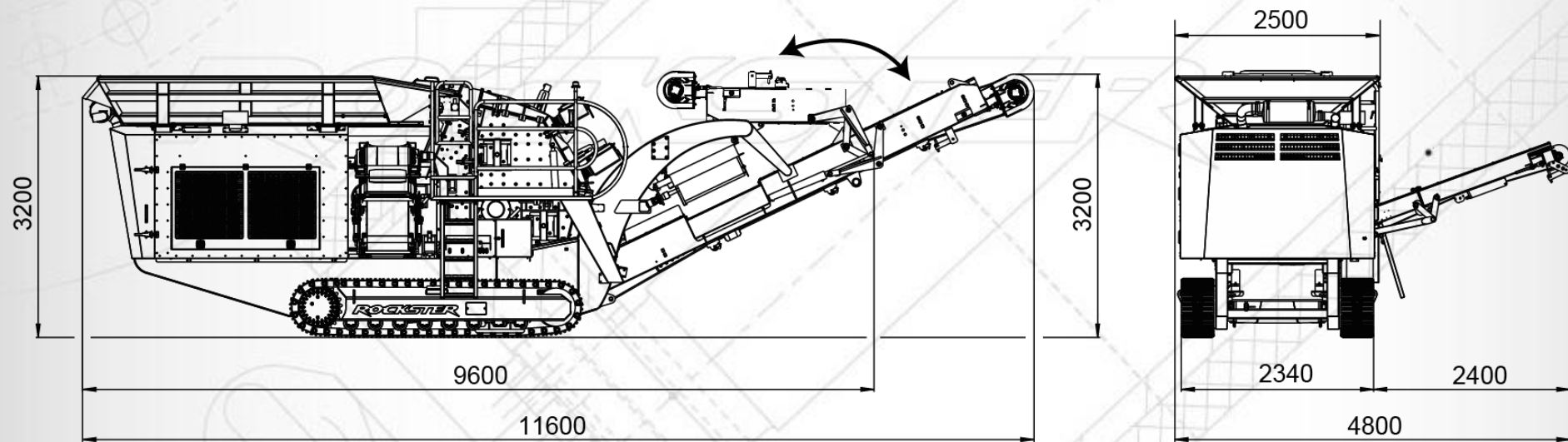
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R900 – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 9,60 m / 31.5 ft

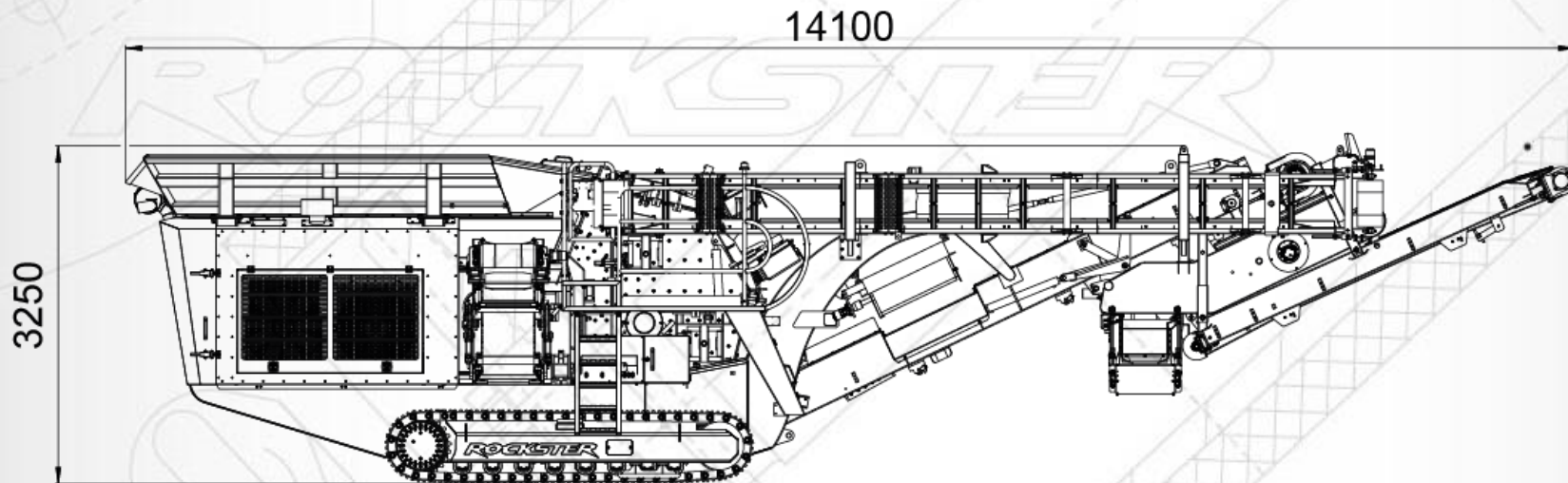
Width: 2,50 m / 8.2 ft

Height: 3,20 m / 10.5 ft



[Back to overview](#)

R900 – TRANSPORT DIMENSIONS



Transport dimensions with RS83 + RB75:

Length: 14,10 m / 46.3 ft

Width: 2,50 m / 8.2 ft

Height: 3,25 m / 10.7 ft



[Back to overview](#)

R900 – STRUCTURE



FEEDING DEVICE:

HOPPER – STORAGE of MATERIAL
VIBRATION FEEDER – TRANSPORT of MATERIAL

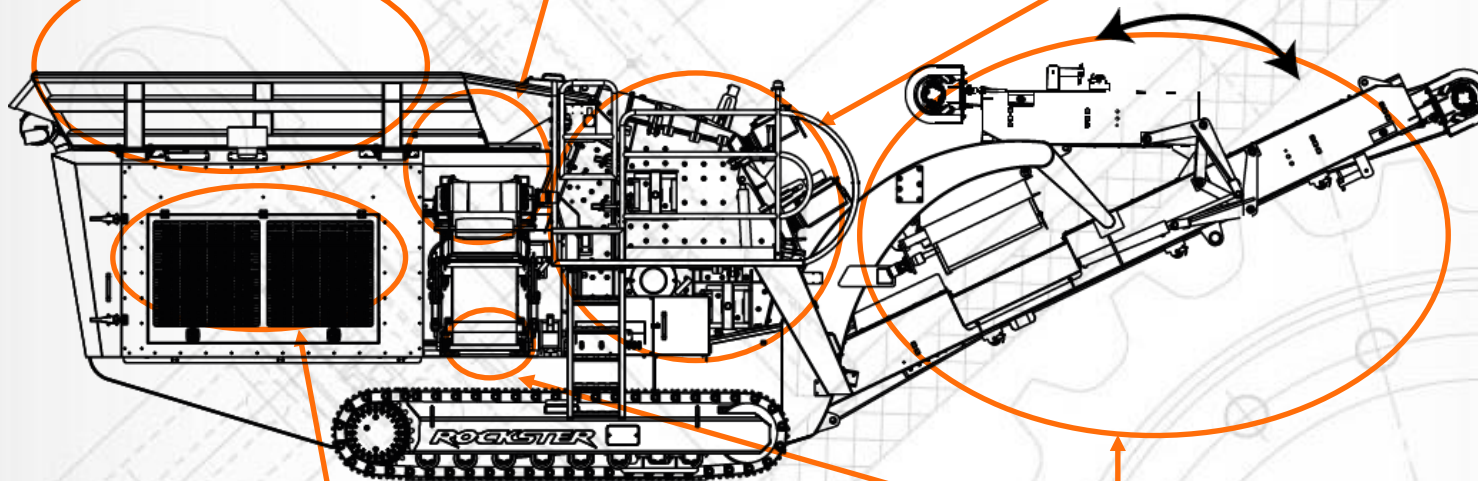
CRUSHER UNIT:

IMPACT CRUSHER



PRE SCREENING:

WEAR PROTECTION, MATERIAL CLEANING
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESELENGINE
HYDRAULIC SYSTEM
HYDROSTAT

DISCHARGE:

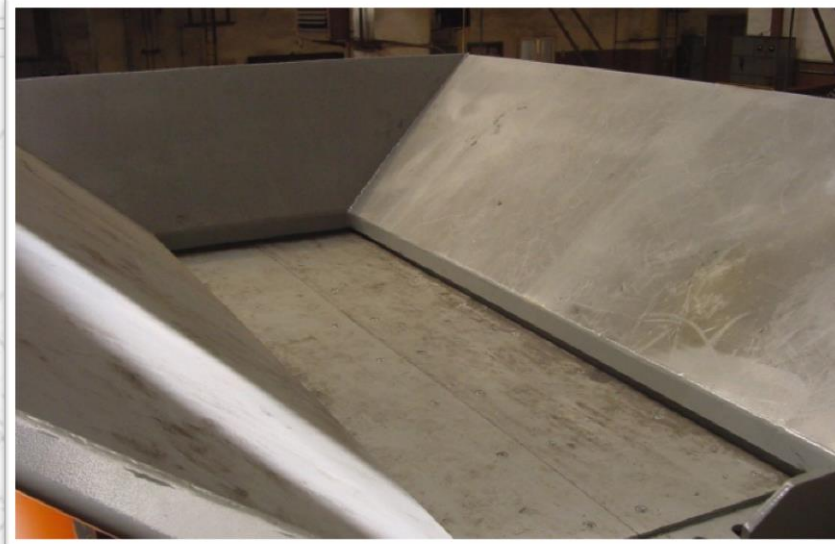
MAIN BELT – Final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R900 – SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable pre-screen for:

- ➔ better material handling
- ➔ less accumulations



Adjustable speed on vibration feeder

Load control system –
overload protection



[Back to overview](#)

R900 – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

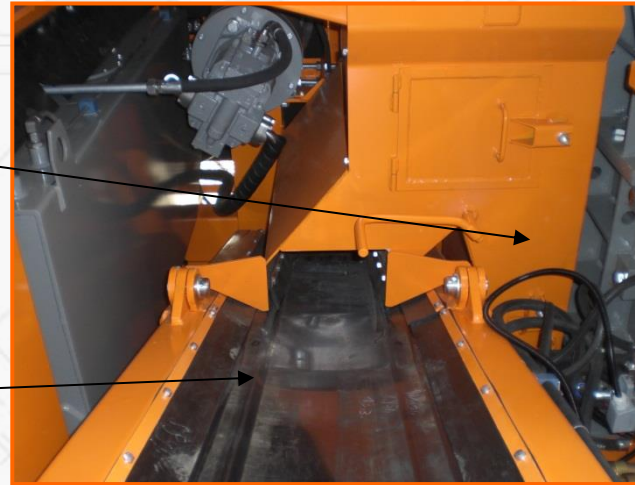
or

➔ **Side discharge belt**

to clean the material or get final product

Easy change-over with flap operated by lever

NO wear or service!



R900 – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

➔ 2 swing beam system
(2 adjustable crushing steps)

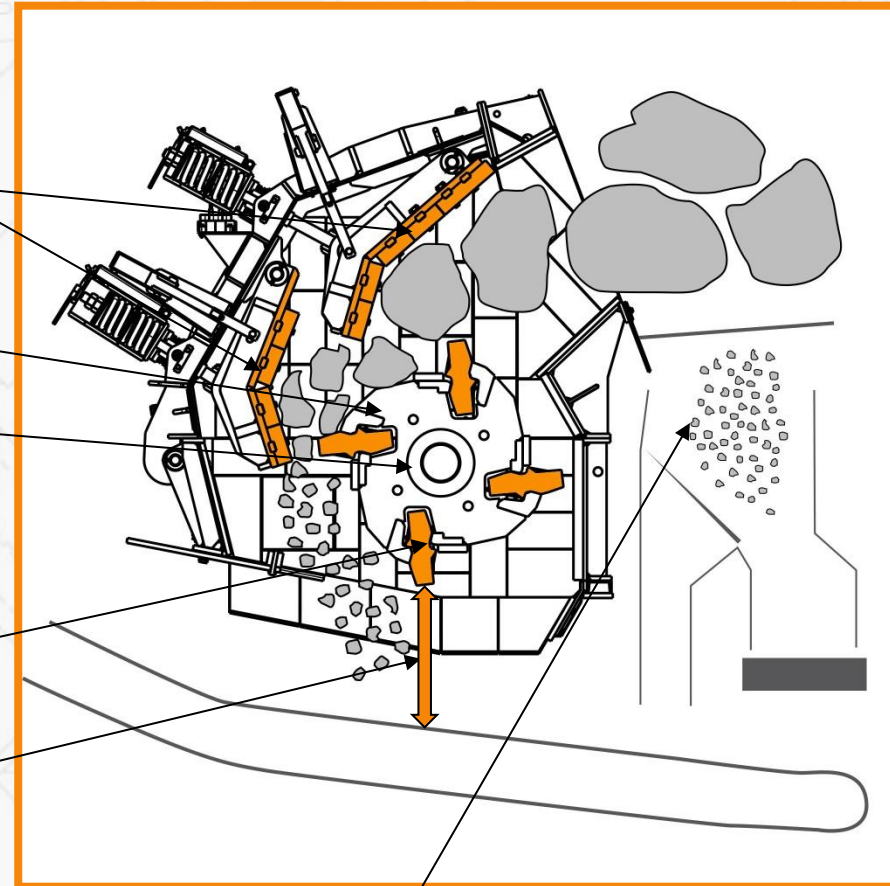
➔ Massive rotor

➔ Oversized bearings
and shafts

➔ Big rotor diameter:
1020 mm / 41 in

➔ Heavy blow bars

➔ Big discharge height



➔ Pre-Screening

[Back to overview](#)

R900 – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

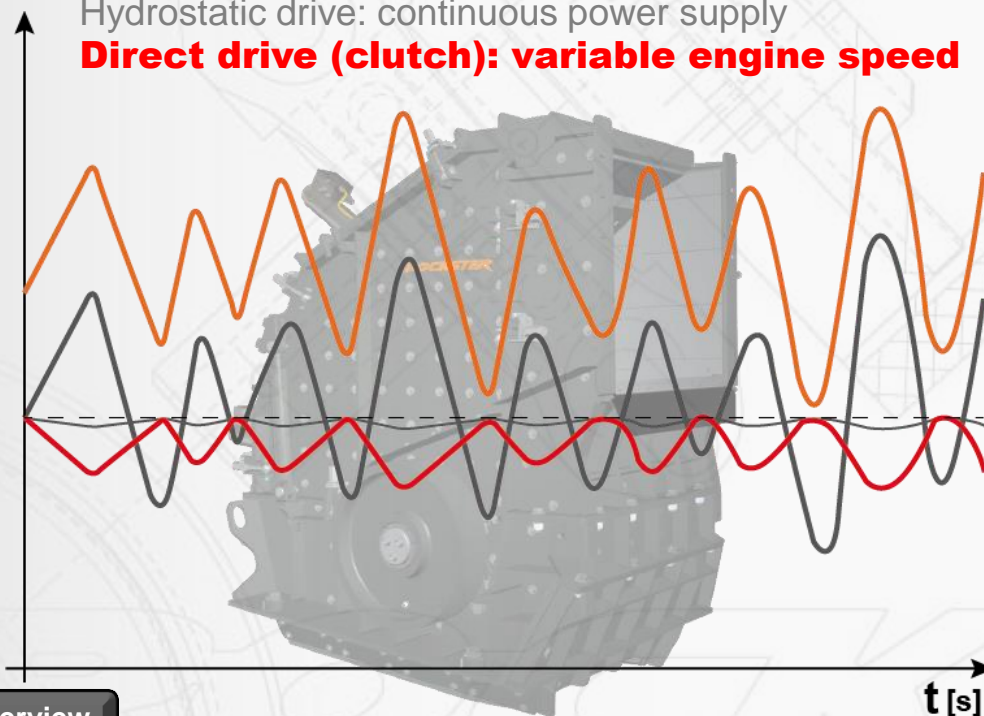
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 850 rpm**
- ➔ **Adjustment of rotating direction possible (Duplex System)**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



CONTINUOUS PRODUCTION

[Back to overview](#)

R900 – SPECIALS: BEST ACCESSIBILITY

For easy operation & comfortable service and maintenance

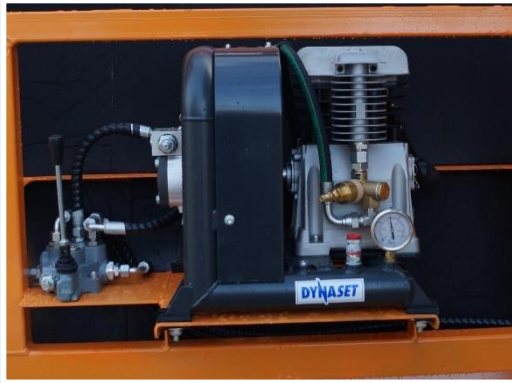


Above average ribs
for better cleaning
and ventilation



[Back to overview](#)

R900 – OPTIONS



Onboard air compressor

For machine cleaning
(coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the
dedusting points
(for dust suppression).



Hammer exchange system

Lifting support for the
exchange of the hammers.
Fixed on crusher.



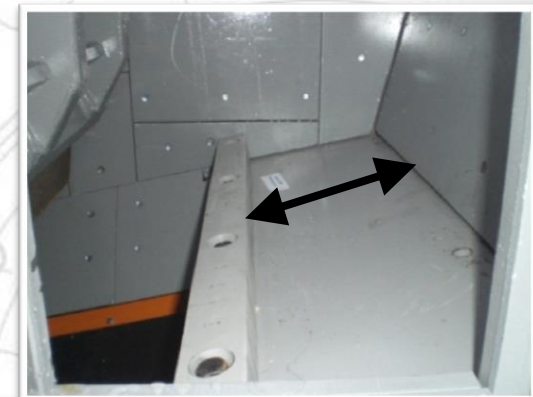
Central lubrication

Fully automatically
lubrication system with
integrated electronic control.



Belt weigh scale

Measuring of the performance on
the discharge conveyor (t/h)
including printer for receipts.



Main belt – wear protection

Adjustable wear plate at crusher outlet for
belt protection.

[Back to overview](#)

R900 - EASY OPERATION: INTUITIONAL HANDLING

Intuitional and easy to use
central **machine control unit**



Wireless remote control
with main functions as standard



[Back to overview](#)

R900 – OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system consisting of screenbox RS83 and return belt RB75 for producing 100% defined final grain.

SCREENBOX – 1-Deck:

Screening surface: 1800 x 1200 mm / 71 x 48 in
Discharge height: ~ 3,2 m / 10.5 ft
Standard screen: 38 mm / 1.5 in

[Back to overview](#)

R900 – OPTION: DUPLEX SYSTEM R800/R900



**From jaw crusher to impact crusher and vice versa –
in shortest time**

[Back to overview](#)

www.rockster.at

ROCKSTER[®]
RECYCLER

R900 - OPTION: DUPLEX SYSTEM R800/R900



Within shortest time the track mobile crushing plant R800 can be changed from **Jaw crusher into Impact crusher R900** and vice versa.

Therefore the plant can be **optimized to different requirements** of the feeding material and guarantees a versatile operation of the plants.

[Back to overview](#)

R900 – RECYCLING OF ASPHALT

Material: asphalt
Feeding size: 0 – 600 mm / 0 – 24 in
Final grain size: 0 – 22 mm / 0 – 7/8 in
Performance: up to 120 t/h / 140 st/h



Final material



Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R900 – RECYCLING OF ASPHALT

Material:	asphalt
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in
Performance:	up to 150 t/h / 170 st/h



Feeding material



Final material

[Back to overview](#)

R900 + RSS49 – RECYCLING OF ASPHALT

Material: asphalt
Feeding size: 0 – 100 mm / 0 – 4 in
Final grain sizes: 0 – 16 mm / 0 – 2/3 in
16 - x mm / 2/3 – x in
Performance: up to 150 t/h / 170 st/h



Feeding material



Final material



Final material

[Back to overview](#)

www.rockster.at



R900 – RECYCLING OF DEMOLITION DEBRIS

Material:	demolition debris
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 70 mm / 0 – 2 3/4 in
Performance:	up to 180 t/h / 200 st/h



Feeding material



Final material

[Back to overview](#)

www.rockster.at

ROCKSTER
RECYCLER

R900 + RDS3000 – RECYCLING OF DEMOLITION DEBRIS

Material:	demolition debris
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 50 mm / 0 – 2 in
Performance:	up to 190 t/h / 210 st/h



[Back to overview](#)

R900 – RECYCLING OF CONCRETE

Material: concrete
Feeding size: 0 – 600 mm / 0 – 24 in
Final grain size: 0 – 22 mm / 0 – 7/8 in
Performance: up to 120 t/h / 140 st/h



Feeding material



Magnetic separator



Final material

[Back to overview](#)

R900 – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 20 mm / 0 – 3/4 in
Performance:	up to 120 t/h / 140 st/h



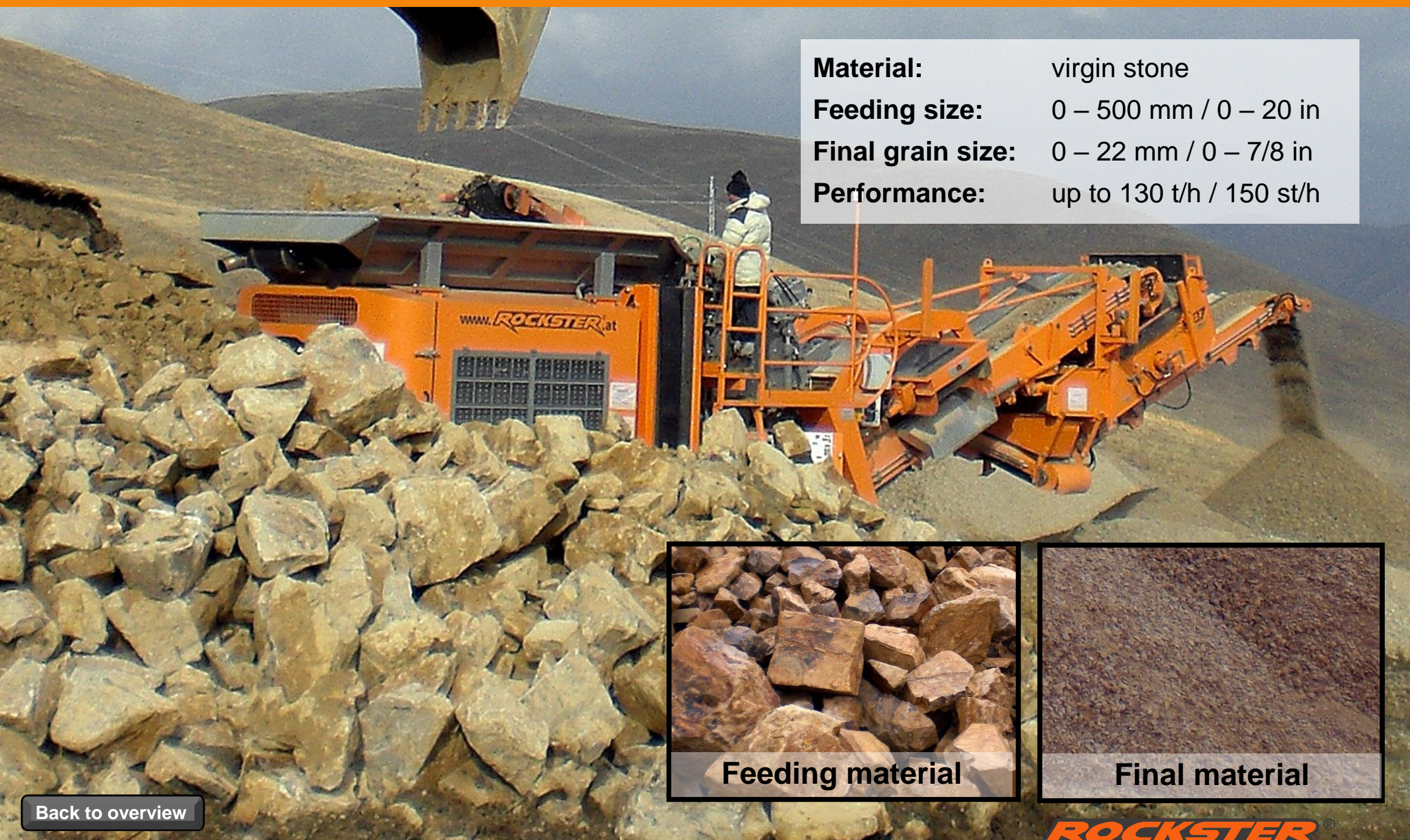
Final material

Feeding material

[Back to overview](#)

R900 – PROCESSING OF VIRGIN STONE

Material:	virgin stone
Feeding size:	0 – 500 mm / 0 – 20 in
Final grain size:	0 – 22 mm / 0 – 7/8 in
Performance:	up to 130 t/h / 150 st/h



[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

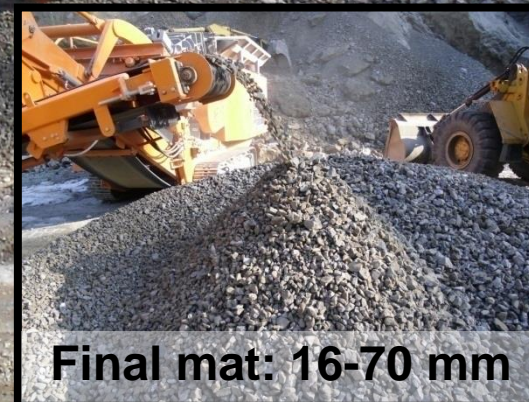
ROCKSTER
RECYCLER

R900 – PROCESSING OF DOLOMITE

Material:	dolomite
Feeding size:	0 – 400 mm / 0 – 16 in
Final grain size:	0 – 16 mm / 0 – 2/3 in 16 – 70 mm / 2/3 – 2 5/6 in
Performance:	up to 150 t/h / 170 st/h



Final mat: 0 – 16 mm



Final mat: 16-70 mm

[Back to overview](#)

R900 – PROCESSING OF GRANITE

Material:	granite
Feeding size:	0 – 120 mm / 0 – 5 in
Final grain size:	0 – 4 mm / 0 – 1/5 in 4 – 8 mm / 1/5 – 1/3 in 8 – 16 mm / 1/3 – 2/3 in
Performance:	up to 100 t/h / 110 st/h



Final materials



0 – 4 mm



4 – 8 mm



8 – 16 mm

[Back to overview](#)

R900 – PROCESSING OF GREYWACKE SHALE

Material: greywacke shale
Feeding size: 0 - 700 mm / 0 - 28 in
Final grain sizes: 0 - 32 mm / 0 – 1 1/3 in
32 - 70 mm / 1 1/3 – 2 3/4 in
Performance: up to 220 t/h / 240 st/h



Final material 1

Feeding material

Final material 2

[Back to overview](#)

[Skip to Typical Rockster](#)

R1000S – TRACK-MOUNTED IMPACT CRUSHER



Inlet opening: 960 x 720 mm / 38 x 29 in

Performance: up to 280 t/h / 310 st/h

Weight: 30,4 t / 67,000 lbs
34,9 t / 77,000 lbs (with screenbox RS100 + return belt RB92)

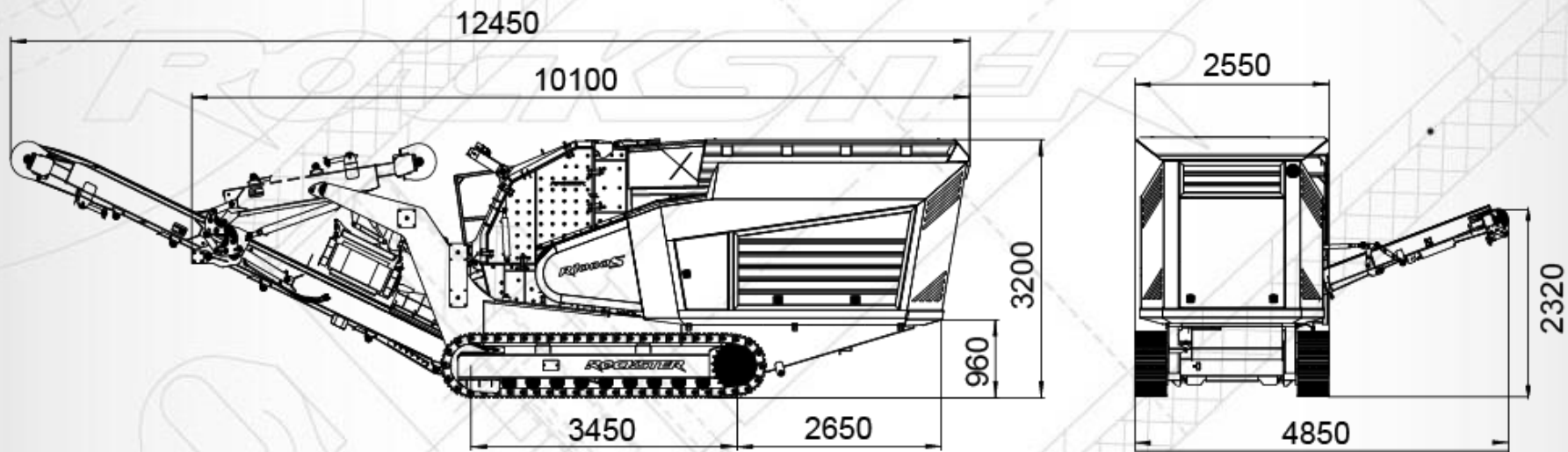
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R1000S – TRANSPORT DIMENSIONS



Transport dimensions R1000S:

Length: 10,10 (12,45) m / 33.2 (40.9) ft

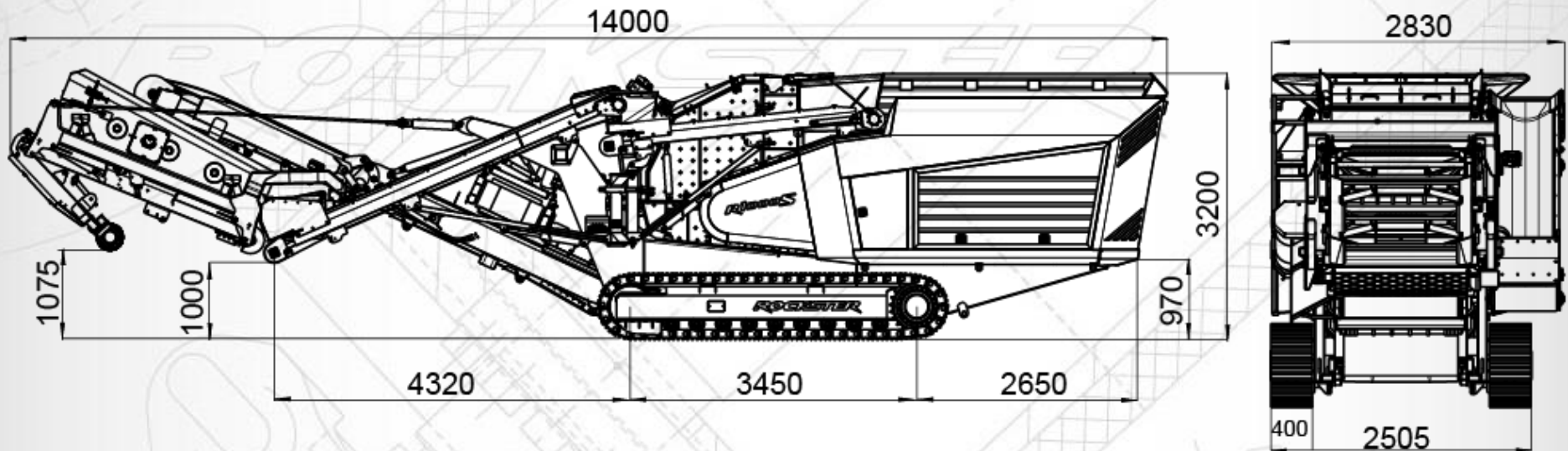
Width: 2,55 m / 8.4 ft

Height: 3,20 m / 10.5 ft



[Back to overview](#)

R1000S – TRANSPORT DIMENSIONS



Transport dimensions R1000S with RS100 + RB92:

Length: 14,00 m / 46.0 ft

Width: 2,83 m / 9.3 ft

Height: 3,20 m / 10.5 ft

[Back to overview](#)

R1000S – STRUCTURE

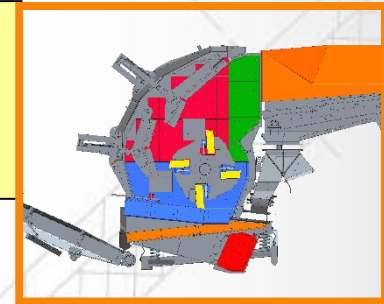


FEEDING DEVICE:

HOPPER – STORAGE OF MATERIAL
VIBRATION FEEDER – TRANSPORT of MATERIAL

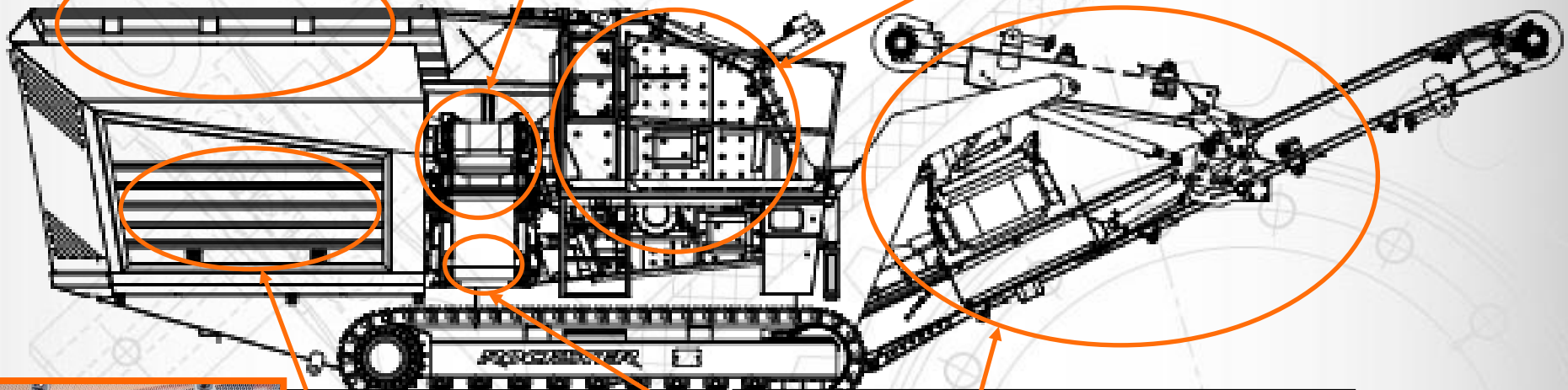
CRUSHER UNIT:

IMPACT CRUSHER



PRE-SCREEN:

WEAR PROTECTION, MATERIAL CLEANING,
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESEL ENGINE
HYDRAULIC SYSTEM
HYDROSTATIC DRIVE

DISCHARGE:

MAIN BELT – final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R1000S - SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable 2 deck pre-screen (mesh 32 mm) for:

- ➔ better material handling
- ➔ less accumulations

MATERIAL: HARDOX 400

Adjustable speed on vibration feeder –
automatic, load-dependent speed

Load control system –
overload protection



[Back to overview](#)

R1000S – SPECIALS: VIBRATING BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

➔ **Side discharge belt**

to clean the material or to get final product

or

➔ **Main discharge belt (mid-sized material) and side belt (pre-screened material)**

Easy change-over with flap operated by lever

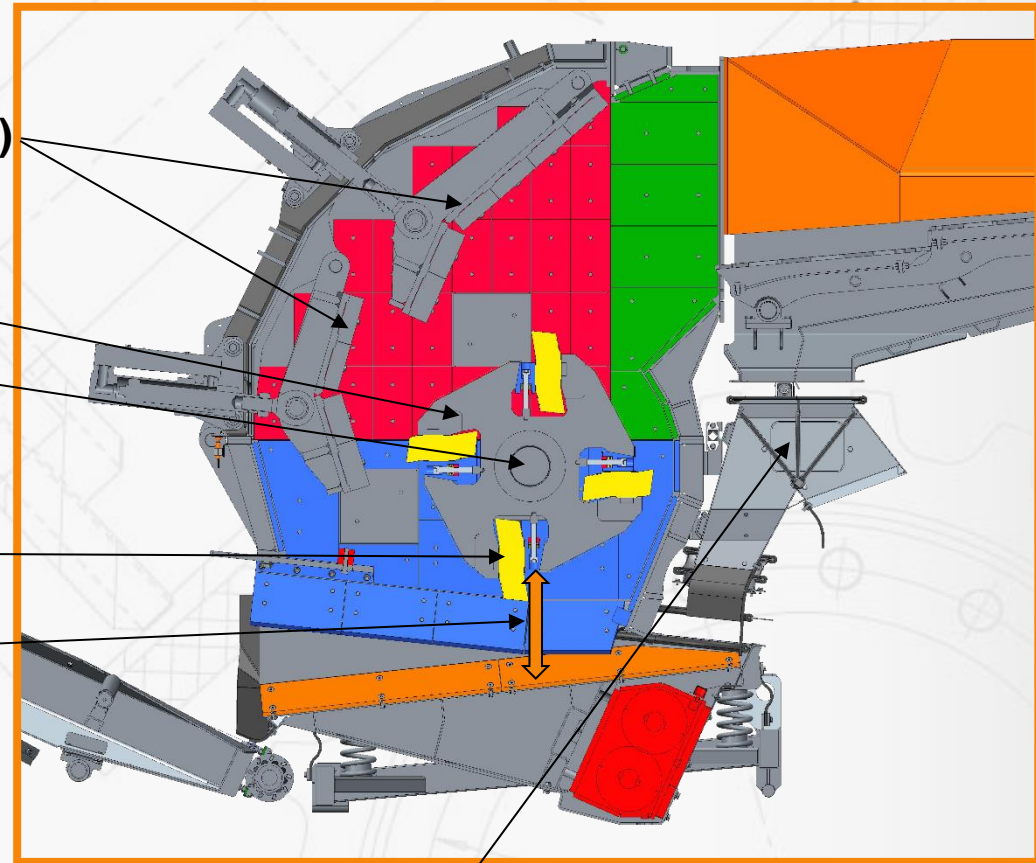
NO wear or service!



R1000S – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

- ➔ 2 swing beam system (fully hydraulic gap adjustment)
- ➔ Massive rotor
- ➔ Oversized bearings and shafts
- ➔ Big rotor diameter
- ➔ Heavy “High Chrome” blow bars
- ➔ Big discharge height



- ➔ 2-Deck Pre-Screening with 3 possibilities of setting the bypass chute

[Back to overview](#)

R1000S – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

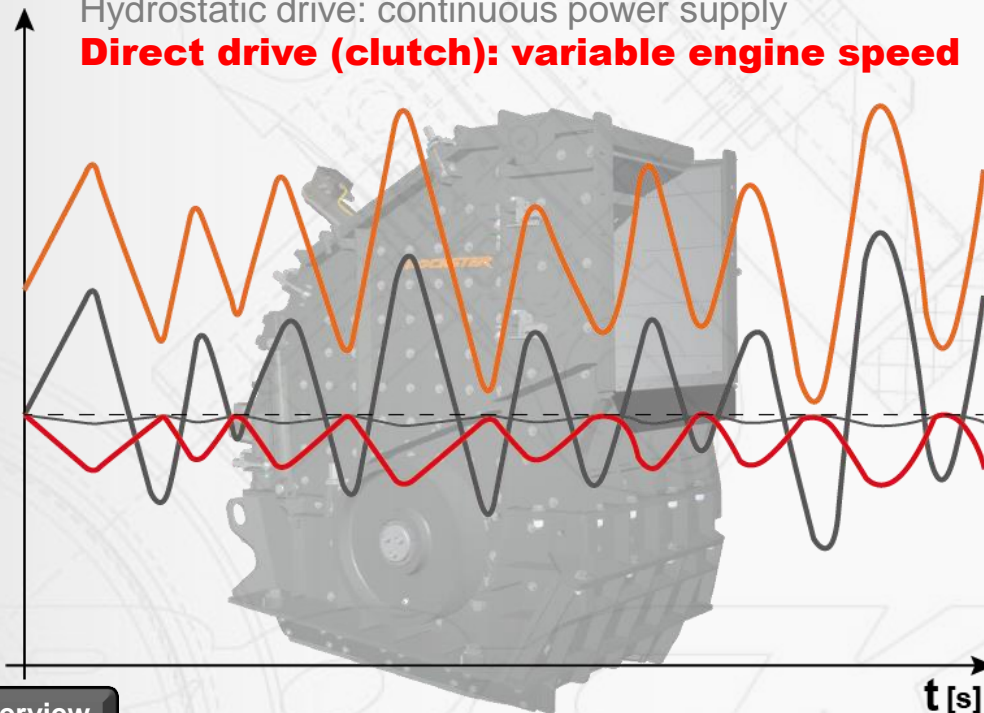
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 850 rpm**
- ➔ **Adjustment of rotating direction possible (Duplex System)**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



CONTINUOUS PRODUCTION

[Back to overview](#)

R1000S - SPECIALS: BEST ACCESSIBILITY

Best accessibility for service and maintenance

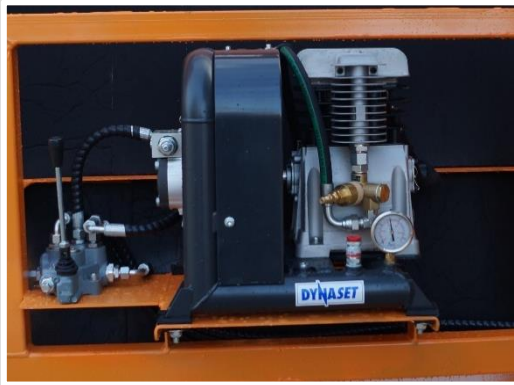


Above average ribs
for better cleaning
and ventilation



[Back to overview](#)

R1000S – OPTIONS



Onboard air compressor

For machine cleaning
(coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the
dedusting points
(for dust suppression).



Central lubrication

Fully automatically
lubrication system with
integrated electronic control.



Belt weigh scale

Measuring of the performance on
the discharge conveyor (t/h)
including printer for receipts.

[Back to overview](#)

R1000S - EASY OPERATION: INTUITIONAL HANDLING



Intuitional and easy to use
central **machine control unit**



Wireless remote control
with main functions as standard

[Back to overview](#)

R1000S - OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system consisting of screenbox RS100 and double-functional return/stockpile belt RB92 for producing 100% defined final grain.

Screenbox– 1 Deck

Screening surface: 2600 x 1350 mm / 102 x 54 in
Discharge height: ~ 3,0 m / 9.9 ft
Standard screen: 38 mm / 1.5 in

[Back to overview](#)

[Skip to Typical Rockster](#)

R1100S – TRACK-MOUNTED IMPACT CRUSHER



Inlet opening: 1100 x 720 mm / 44 x 29 in

Performance: up to 400 t/h / 440 st/h

Weight: 32,9 t / 72,600 lbs
37,1 t / 81,800 lbs (with screenbox RS114 + return belt RB95)

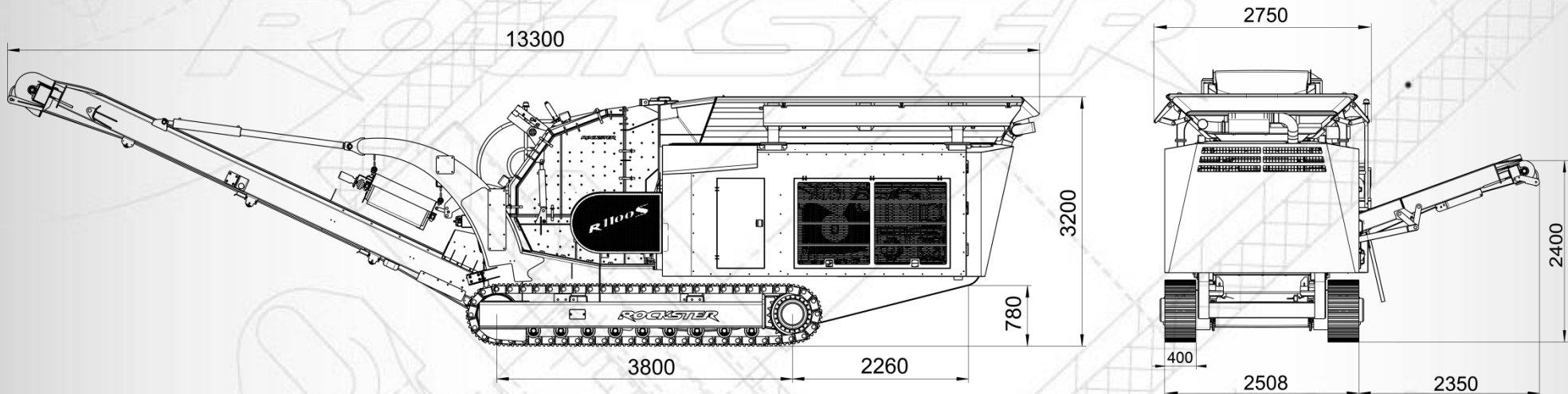
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R1100S – TRANSPORT DIMENSIONS



Transport dimensions R1100S:

Length: 13,30 m / 43.7 ft

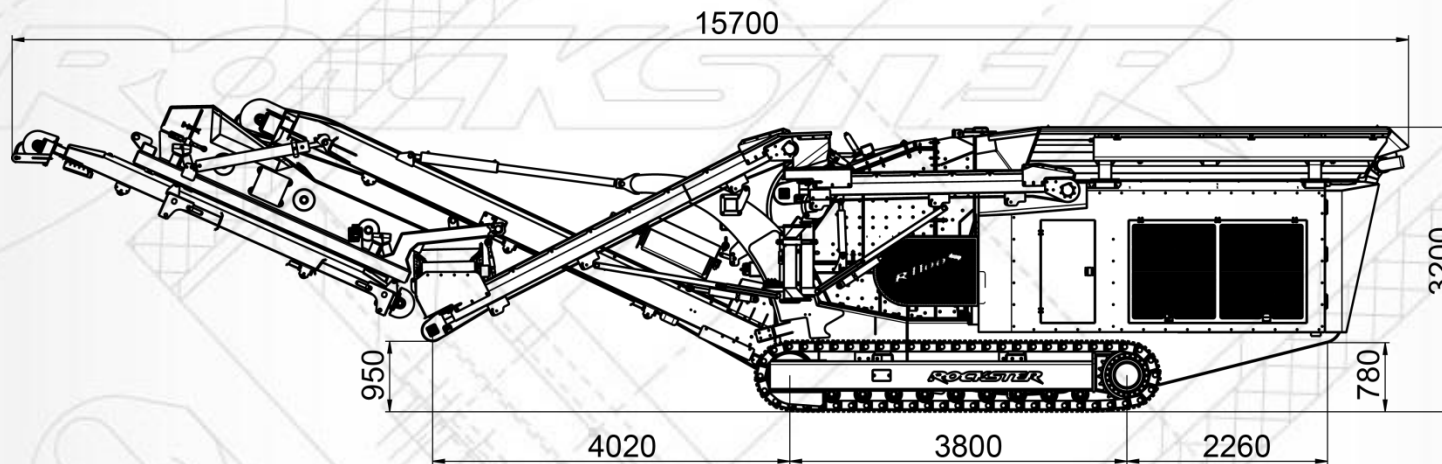
Width: 2,75 m / 9.1 ft

Height: 3,20 m / 10.5 ft



[Back to overview](#)

R1100S – TRANSPORT DIMENSIONS



Transport dimensions R1100S with RS114 + RB95:

Length: 15,70 m / 51.6 ft

Width: 2,99 m / 9.9 ft

Height: 3,20 m / 10.5 ft

[Back to overview](#)

R1100S – STRUCTURE

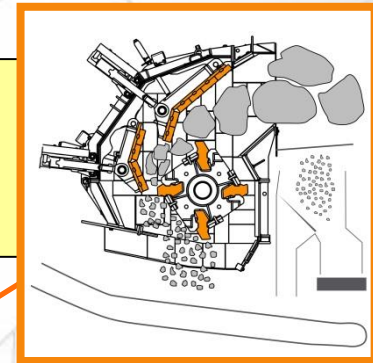


FEEDING DEVICE:

HOPPER – STORAGE OF MATERIAL
VIBRATION FEEDER – TRANSPORT OF MATERIAL

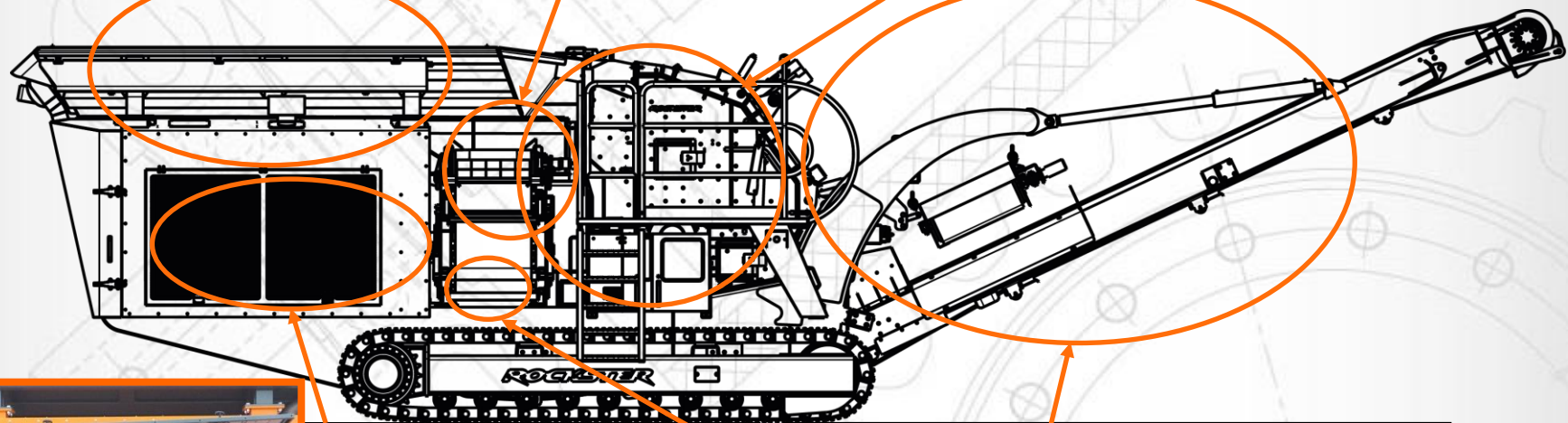
CRUSHER UNIT:

IMPACT CRUSHER



PRE-SCREEN:

WEAR PROTECTION, MATERIAL CLEANING,
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESEL ENGINE
HYDRAULIC SYSTEM
HYDROSTATIC DRIVE

DISCHARGE:

MAIN BELT – final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R1100S - SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable 2 step pre-screen (32 mm) for:

- ➔ better material handling
- ➔ less accumulations

MATERIAL: HARDOX 450

Adjustable speed on vibration feeder – **automatic, load-dependent speed**

Load control system – **overload protection**



[Back to overview](#)

R1100S – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

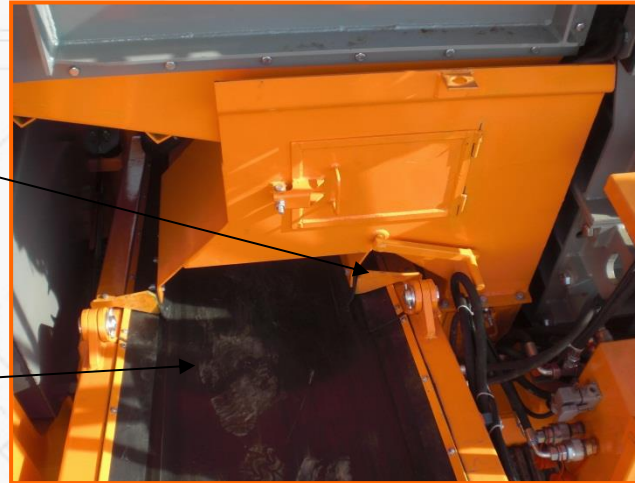
or

➔ **Side discharge belt**

to clean the material or to get final product

Easy change-over with flap operated by lever

NO wear or service!



R1100S – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

➔ 2 swing beam system
(fully hydraulic gap adjustment)

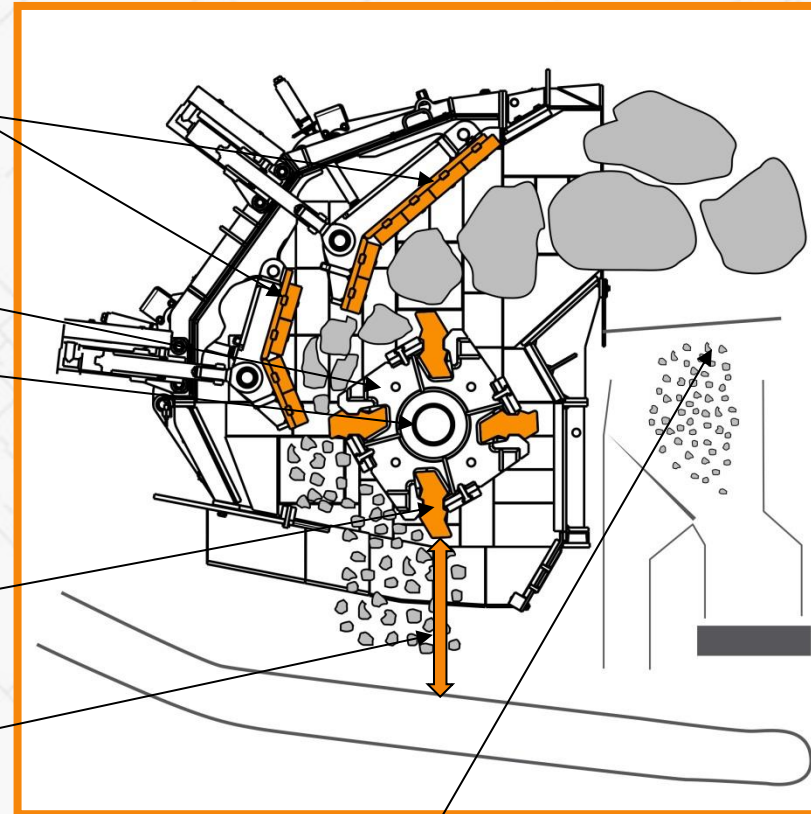
➔ Massive rotor

➔ Oversized bearings
and shafts

➔ Big rotor diameter

➔ Heavy “High Chrome”
blow bars

➔ Big discharge height



➔ Pre-Screening

[Back to overview](#)

R1100S – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

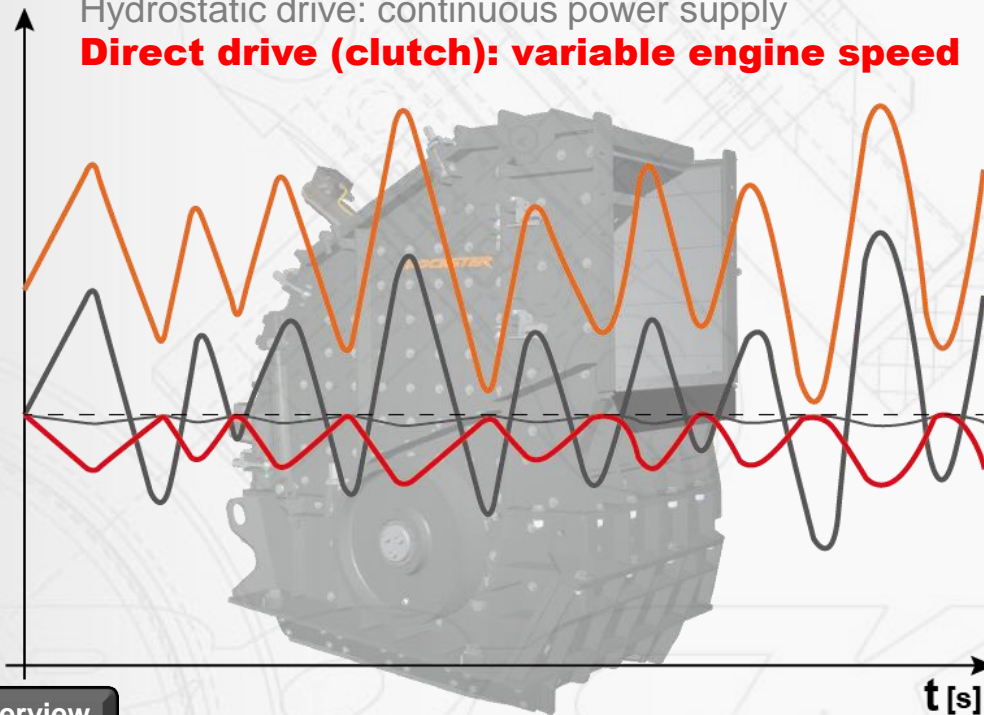
- ➔ **NO clutch – NO wear**
- ➔ **Stepless of crusher speed: 0 – 850 rpm**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



**CONTINUOUS
PRODUCTION**

[Back to overview](#)

R1100S - SPECIALS: BEST ACCESSIBILITY

Best accessibility for service and maintenance



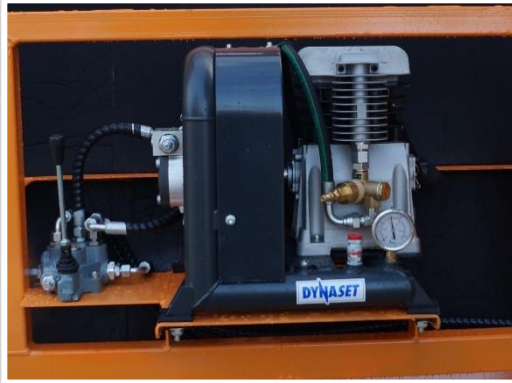
Above average ribs for better cleaning and ventilation



Engine with TIER4 final option

[Back to overview](#)

R1100S – OPTIONS



Onboard air compressor

For machine cleaning (coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the dedusting points (for dust suppression).



Hammer exchange system

Lifting support for the exchange of the hammers.
Fixed on crusher.



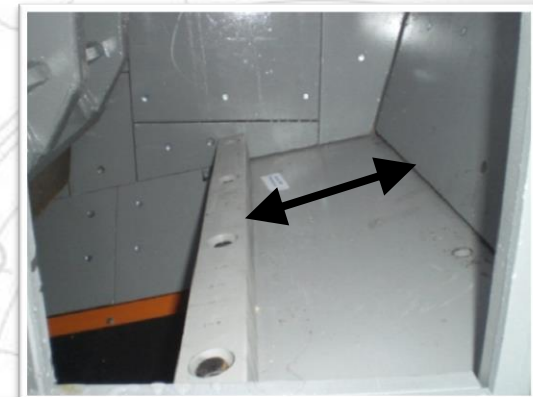
Central lubrication

Fully automatically lubrication system with integrated electronic control.



Belt weigh scale

Measuring of the performance on the discharge conveyor (t/h) including printer for receipts.



Main belt – wear protection

Adjustable wear plate at crusher outlet for belt protection.

[Back to overview](#)

R1100S - EASY OPERATION: INTUITIONAL HANDLING

Intuitional and easy to use
central **machine control unit**



Wireless remote control
with main functions as standard



[Back to overview](#)

R1100S - OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Easy transport

Screening system consisting of screenbox RS114 and double-functional return/stockpile belt RB95 for producing 100% defined final grain.


Screenbox– 1 Deck

Screening surface: 3100 x 1350 mm / 122 x 54 in
Discharge height: ~ 3,2 m / 10.5 ft
Standard screen: 38 mm / 1.5 in

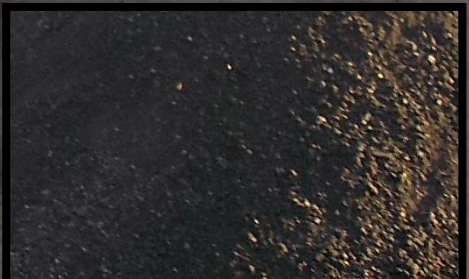
[Back to overview](#)

R1100S – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 700 mm / 0 – 27.6 in
Final grain size:	0 – 63 mm / 0 – 2 ½ in
Performance:	up to 250 t/h / 280 st/h



Feeding material



Final material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R1100S – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 700 mm / 0 – 28 in
Final grain size:	0 – 40 mm / 0 – 1 2/3 in
Performance:	up to 180 t/h / 200 st/h



Final material



Feeding material

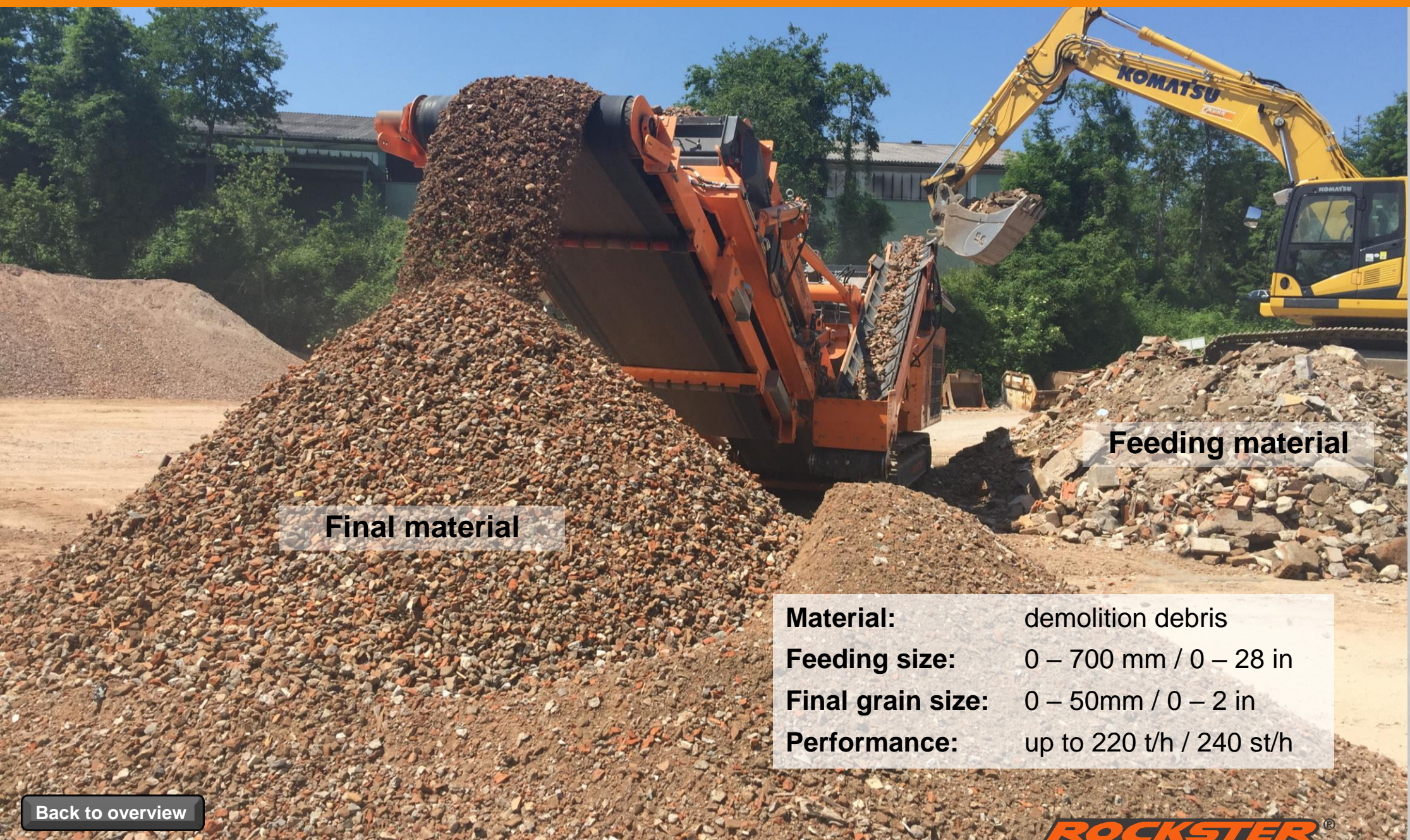
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R1100S – RECYCLING OF DEMOLITION DEBRIS



Final material

Feeding material

Material:	demolition debris
Feeding size:	0 – 700 mm / 0 – 28 in
Final grain size:	0 – 50mm / 0 – 2 in
Performance:	up to 220 t/h / 240 st/h

[Back to overview](#)

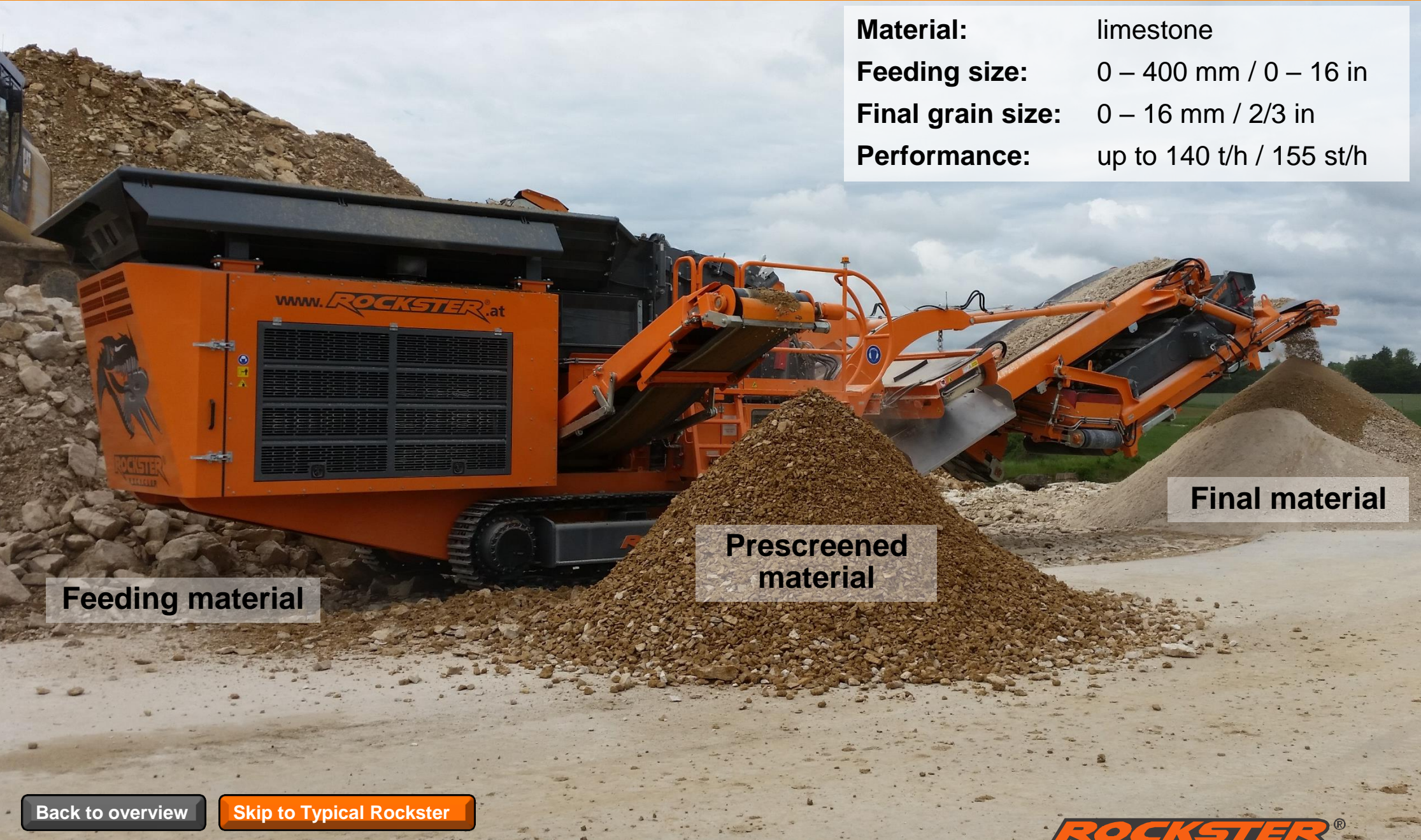
www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R1100S – PROCESSING OF LIMESTONE

Material:	limestone
Feeding size:	0 – 400 mm / 0 – 16 in
Final grain size:	0 – 16 mm / 2/3 in
Performance:	up to 140 t/h / 155 st/h



Feeding material

Prescreened material

Final material

[Back to overview](#)

[Skip to Typical Rockster](#)

R1100DS – TRACK-MOUNTED IMPACT CRUSHER



Inlet opening: 1100 x 720 mm / 44 x 29 in

Performance: up to 400 t/h / 440 st/h

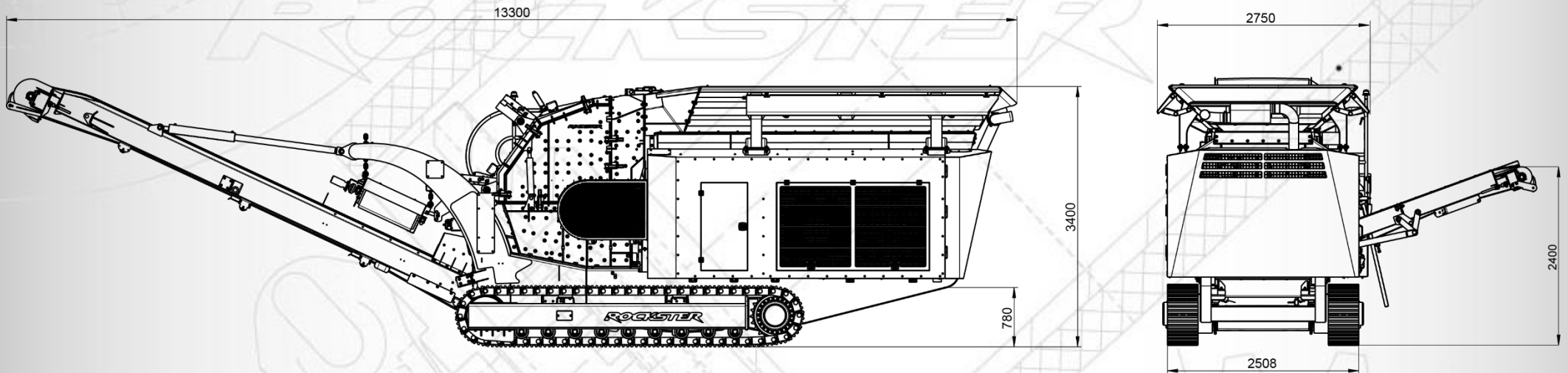
Weight: 33,4 t / 73,700 lbs
37,6 t / 82,900 lbs
(with screenbox RS114 + double functional
return/stockpile belt RB95)

Highlights:

- Fully hydraulic gap adjustment (electronic control on display)
- Automatic, load-dependent speed of the feeder
- Feeder adjustment by remote control
- Unique double-functional return belt system
- „DUPLEX-able”

[Back to overview](#)

R1100DS – TRANSPORT DIMENSIONS



Transport dimensions R1100DS:

Length: 13,30 m / 43.7 ft

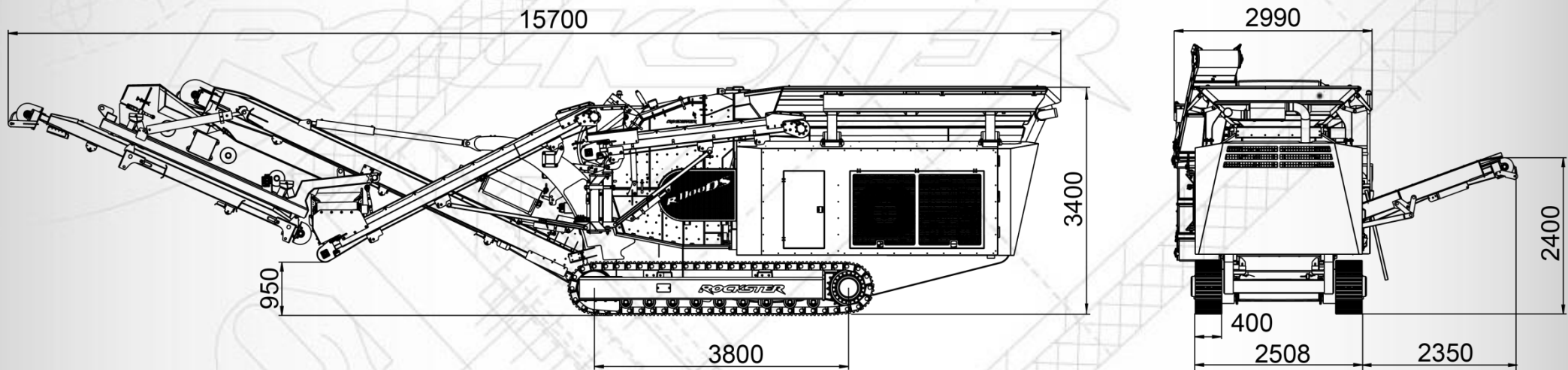
Width: 2,75 m / 9.1 ft

Height: 3,40 m / 11.2 ft



[Back to overview](#)

R1100DS – TRANSPORT DIMENSIONS



Transport dimensions R1100DS with screenbox RS114 + double-functional return/stockpile belt RB95:

Length: 15,70 m / 51.6 ft

Width: 2,99 m / 9.9 ft

Height: 3,40 m / 11.2 ft



[Back to overview](#)

R1100DS – STRUCTURE

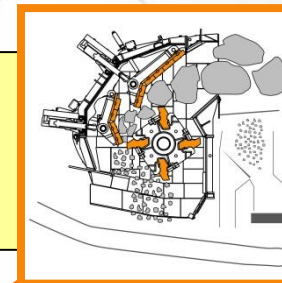


FEEDING DEVICE:

HOPPER – STORAGE OF MATERIAL
VIBRATION FEEDER – TRANSPORT OF MATERIAL

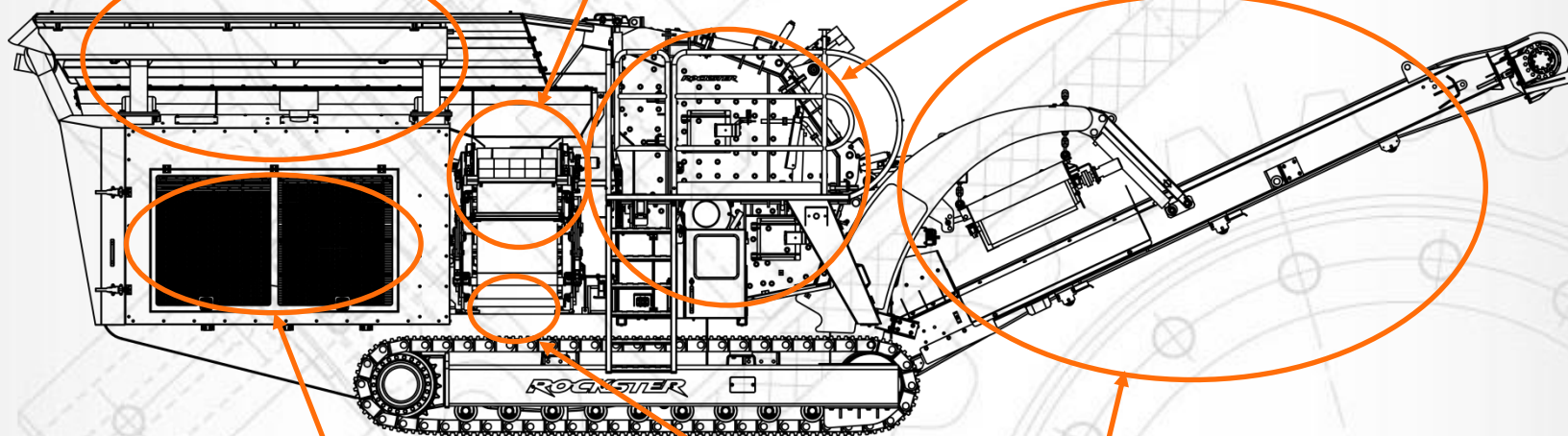
CRUSHER UNIT:

IMPACT CRUSHER



PRE-SCREEN:

WEAR PROTECTION, MATERIAL CLEANING,
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESEL ENGINE
HYDRAULIC SYSTEM
HYDROSTATIC DRIVE

DISCHARGE:

MAIN BELT – final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R1100DS - SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable 2 step pre-screen (32 mm) for:

- ➔ better material handling
- ➔ less accumulations

MATERIAL: HARDOX 450

Adjustable speed on vibration feeder – **automatic, load-dependent speed**

Load control system – **overload protection**



[Back to overview](#)

R1100DS – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

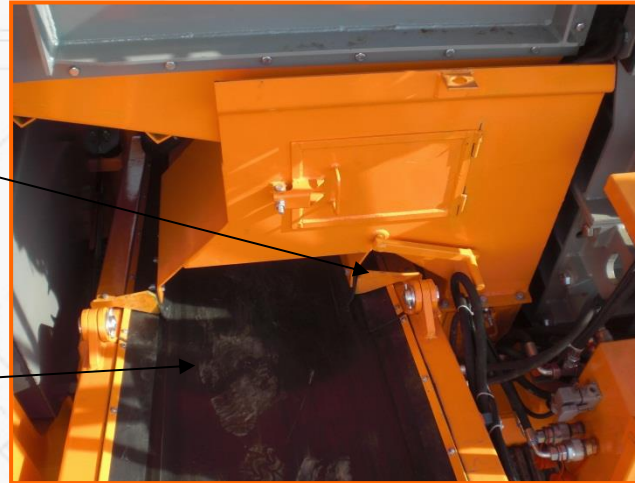
or

➔ **Side discharge belt**

to clean the material or to get final product

Easy change-over with flap operated by lever

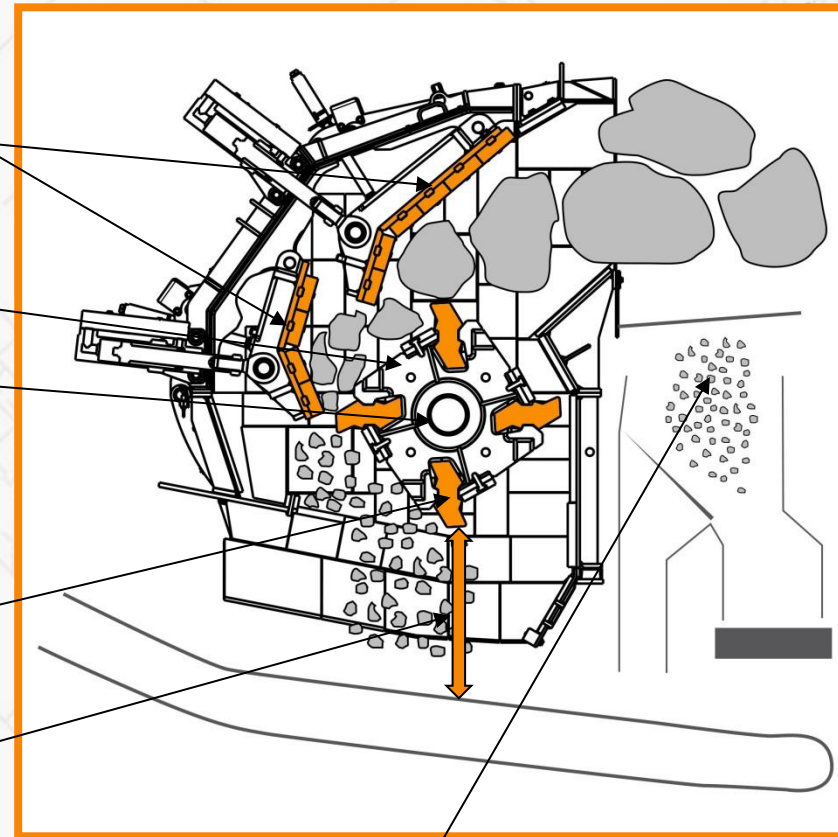
NO wear or service!



R1100DS – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

- ➔ 2 swing beam system (fully hydraulic gap adjustment)
- ➔ Massive rotor
- ➔ Oversized bearings and shafts
- ➔ Big rotor diameter
- ➔ Heavy “High Chrome” blow bars
- ➔ Big discharge height



➔ Pre-Screening

[Back to overview](#)

R1100DS – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

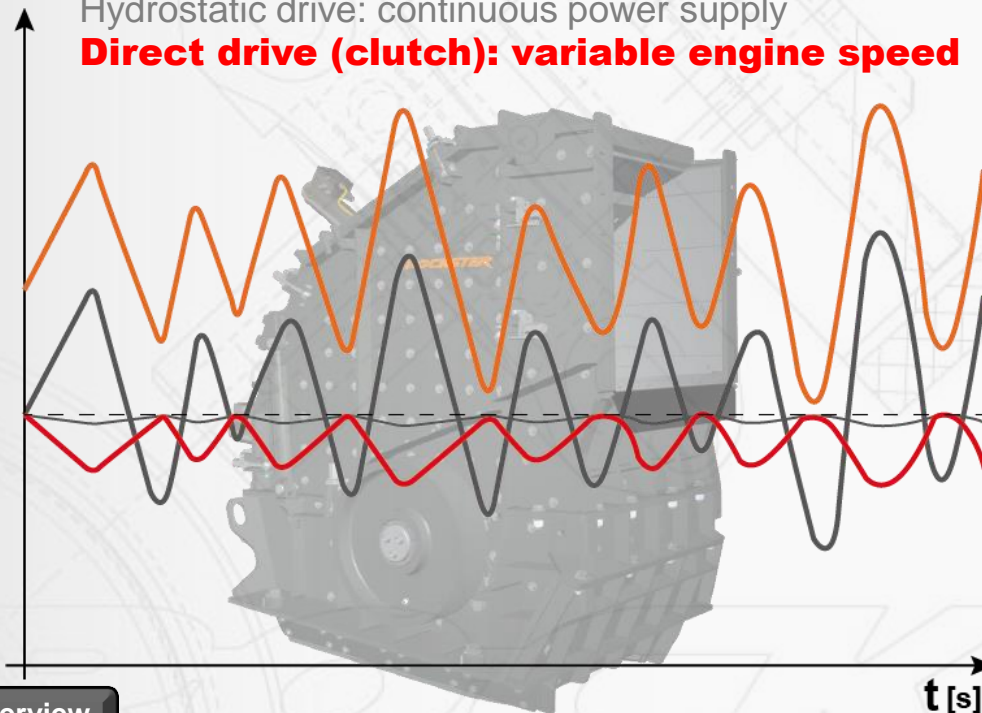
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 850 rpm**
- ➔ **Adjustment of rotating direction possible (Duplex System)**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed

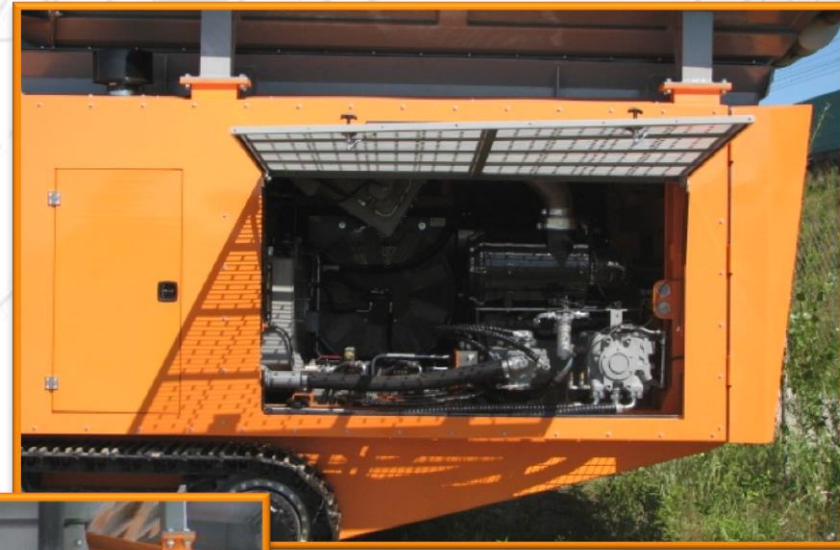


CONTINUOUS PRODUCTION

[Back to overview](#)

R1100DS - SPECIALS: BEST ACCESSIBILITY

Best accessibility for service and maintenance

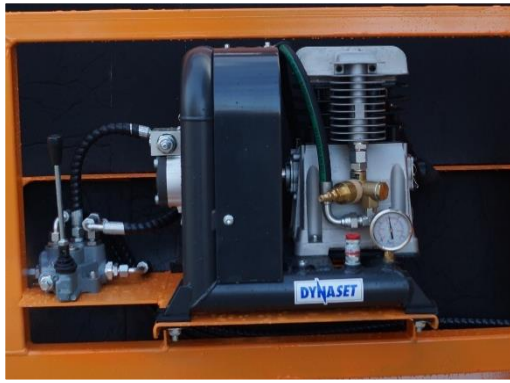


**Above average ribs
for better cleaning
and ventilation**



[Back to overview](#)

R1100DS – OPTIONS



Onboard air compressor

For machine cleaning (coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the dedusting points (for dust suppression).



Hammer exchange system

Lifting support for the exchange of the hammers.
Fixed on crusher.



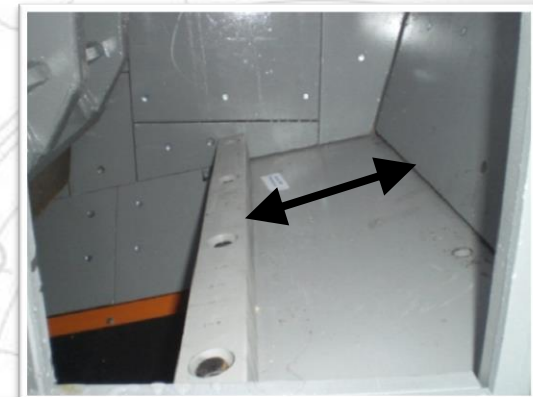
Central lubrication

Fully automatically lubrication system with integrated electronic control.



Belt weigh scale

Measuring of the performance on the discharge conveyor (t/h) including printer for receipts.



Main belt – wear protection

Adjustable wear plate at crusher outlet for belt protection.

[Back to overview](#)

R1100DS - EASY OPERATION: INTUITIONAL HANDLING

Intuitional and easy to use
central **machine control unit**



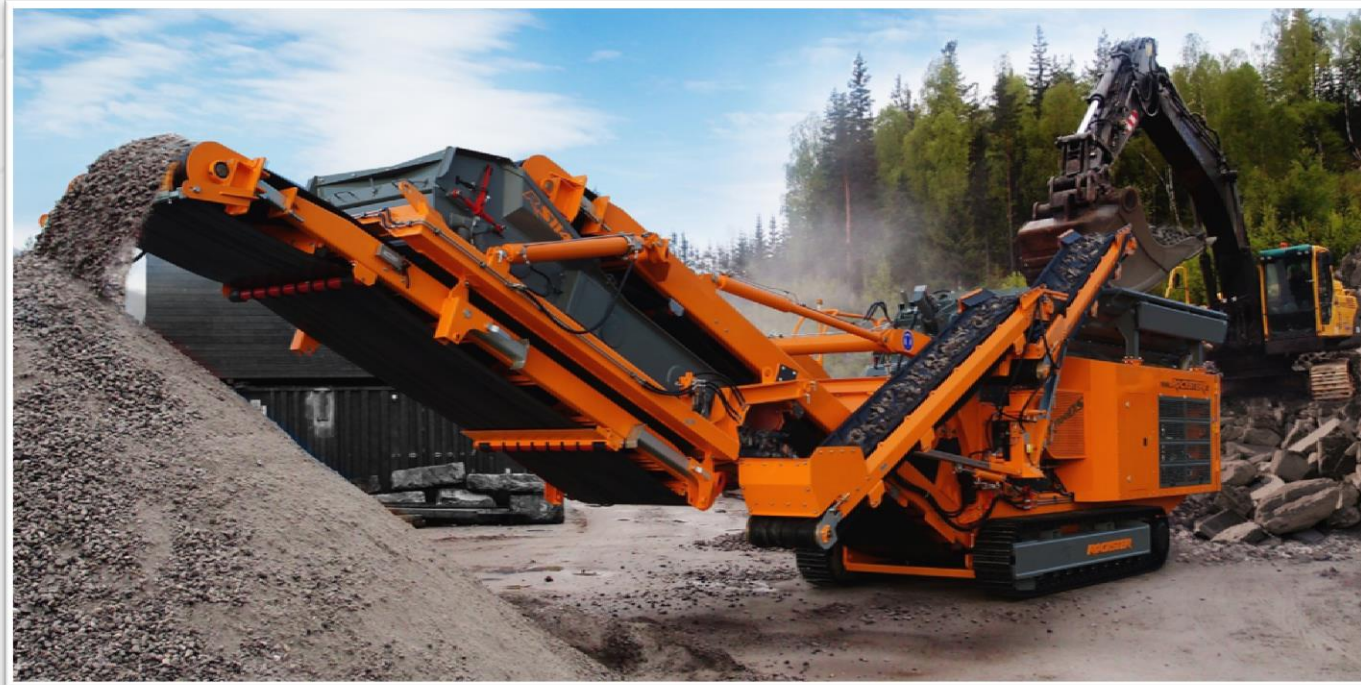
Wireless remote control
with main functions as standard



[Back to overview](#)

R1100DS - OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system consisting of screenbox RS114 and double-functional return/stockpile belt RB95 for producing 100% defined final grain.

Screenbox – 1 Deck

Screening surface: 3100 x 1350 mm / 122 x 54 in

Discharge height: ~ 3,2 m / 10.5 ft

Standard screen: 38 mm / 1.5 in

[Back to overview](#)

R1100DS - OPTION: DUPLEX SYSTEM R1100DS/R1200D



**From jaw crusher to impact crusher
and vice versa – in shortest time**

[Back to overview](#)

R1100DS - OPTION: DUPLEX SYSTEM R1100DS/R1200D



Within shortest time the track-mobile crushing plant R1200D can be changed from **jaw crusher into impact crusher R1100DS** – and vice versa.

Therefore the plant can be **optimized to the different requirements** of the feeding material and guarantees a versatile operation of the plants.

[Back to overview](#)

R1100DS – RECYCLING OF DEMOLITION DEBRIS

Material:	demolition debris
Feeding size:	0 – 700 mm / 0 - 28 in
Final grain sizes:	0 – 32 mm / 0 - 1 1/3 in
Performance:	up to 210 t/h / 230 st/h



Feeding material

Final material



[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

R1100DS – RECYCLING OF DEMOLITION DEBRIS



Material:	demolition debris
Feeding size:	0 – 700 mm / 0 - 28 in
Final grain sizes:	0 – 32 mm / 0 - 1 1/3 in
Performance:	up to 220 t/h / 240 st/h

Final material



Feeding material

[Back to overview](#)

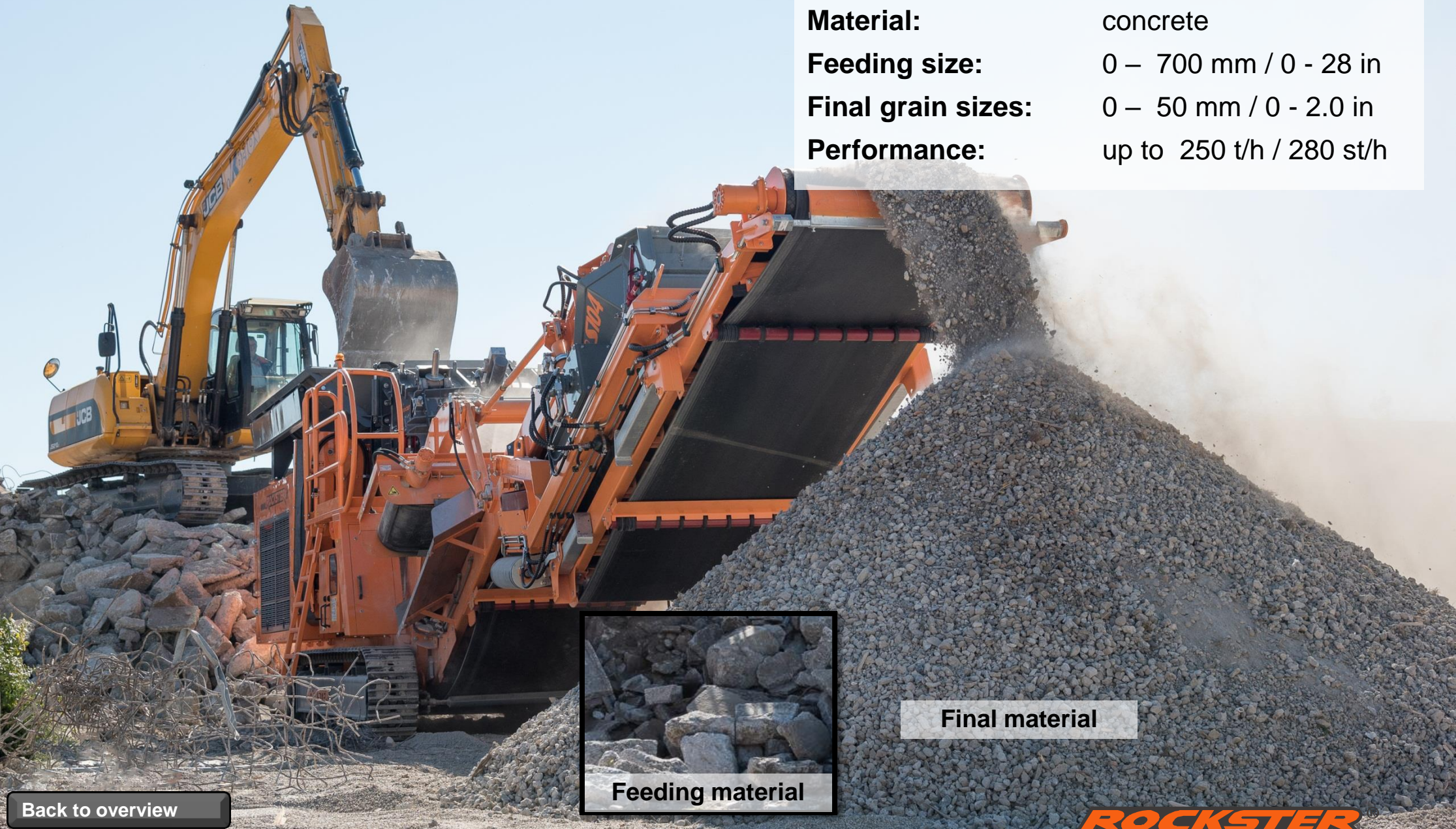
www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...



R1100DS – RECYCLING OF CONCRETE

Material:	concrete
Feeding size:	0 – 700 mm / 0 - 28 in
Final grain sizes:	0 – 50 mm / 0 - 2.0 in
Performance:	up to 250 t/h / 280 st/h



Final material

Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...


ROCKSTER
RECYCLER

R1100DS – RECYCLING OF ASPHALT

Material:	asphalt
Feeding size:	0 – 700 mm / 0 - 28 in
Final grain sizes:	0 – 22 mm / 7/8 in
Performance:	up to 200 t/h / 220 st/h



Final material



Feeding material

[Back to overview](#)

[Skip to Typical Rockster](#)

www.rockster.at

ROCKSTER[®]
RECYCLER

109

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

R1100DE – TRACK-MOUNTED HYBRID IMPACT CRUSHER



SAVE FUEL

BOOST PERFORMANCE

Inlet opening: 1100 x 720 mm / 44 x 29 in

Performance: up to 450 t/h / 500 st/h

Weight: 36,2 t / 79,800 lbs
40,6 t / 89,500 lbs
(with screenbox RS114 + return belt RB95)

Highlights:

- Storing of electrical energy to cover the peaks
- Up to 30% less fuel consumption
- Fully hydraulic gap adjustment
(electronic control on display)
- Automatic, load-dependent speed of the feeder
- Feeder adjustment by remote control
- Unique double-functional return belt system
- „DUPLEX-able

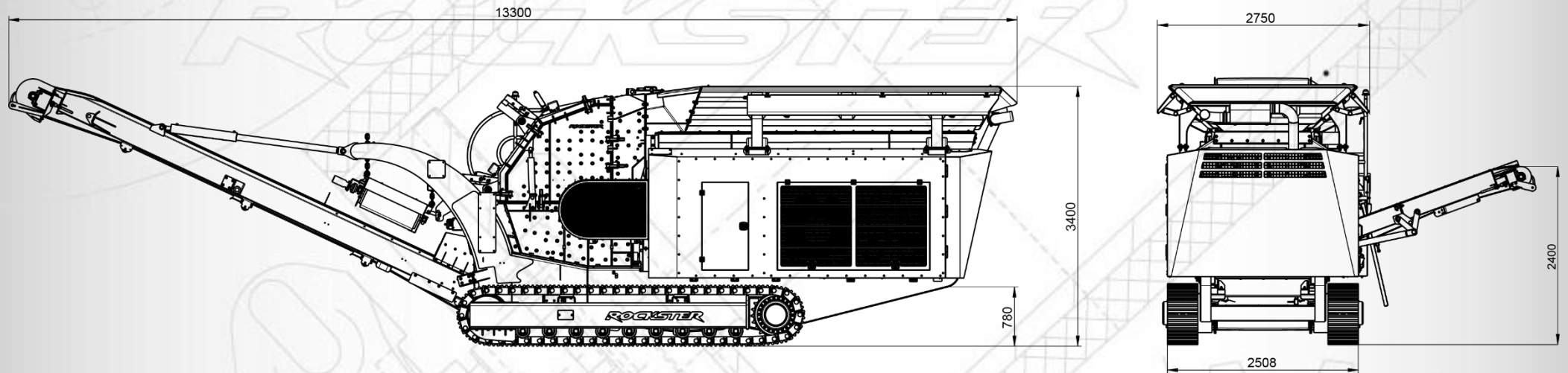
[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER[®]
RECYCLER

R1100DE – TRANSPORT DIMENSIONS



Transport dimensions R1100DE:

Length: 13,30 m / 43.7 ft

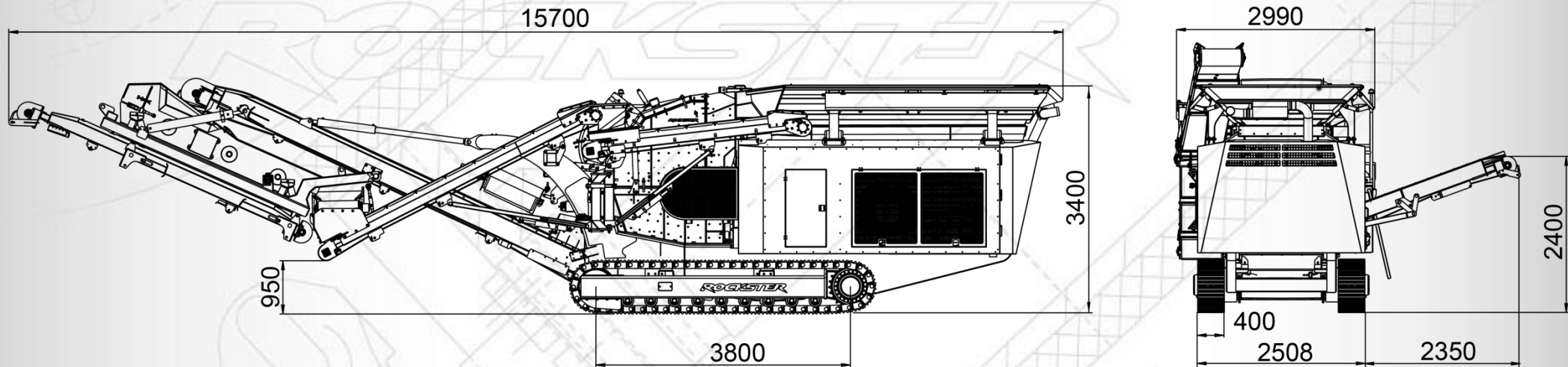
Width: 2,75 m / 9.1 ft

Height: 3,40 m / 11.2 ft



[Back to overview](#)

R1100DE – TRANSPORT DIMENSIONS



Transport dimensions R1100DE With screenbox RS114 + double-functional return/stockpile belt RB95:

Länge: 15,70 m / 51.6 ft

Breite: 2,99 m / 9.9 ft

Höhe: 3,40 m / 11.2 ft



[Back to overview](#)

R1100DE – STRUCTURE

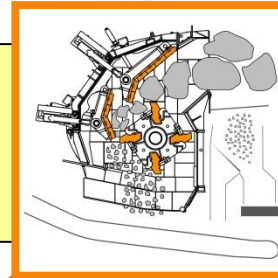


FEEDING DEVICE:

HOPPER – STORAGE OF MATERIAL
VIBRATION FEEDER – TRANSPORT OF MATERIAL

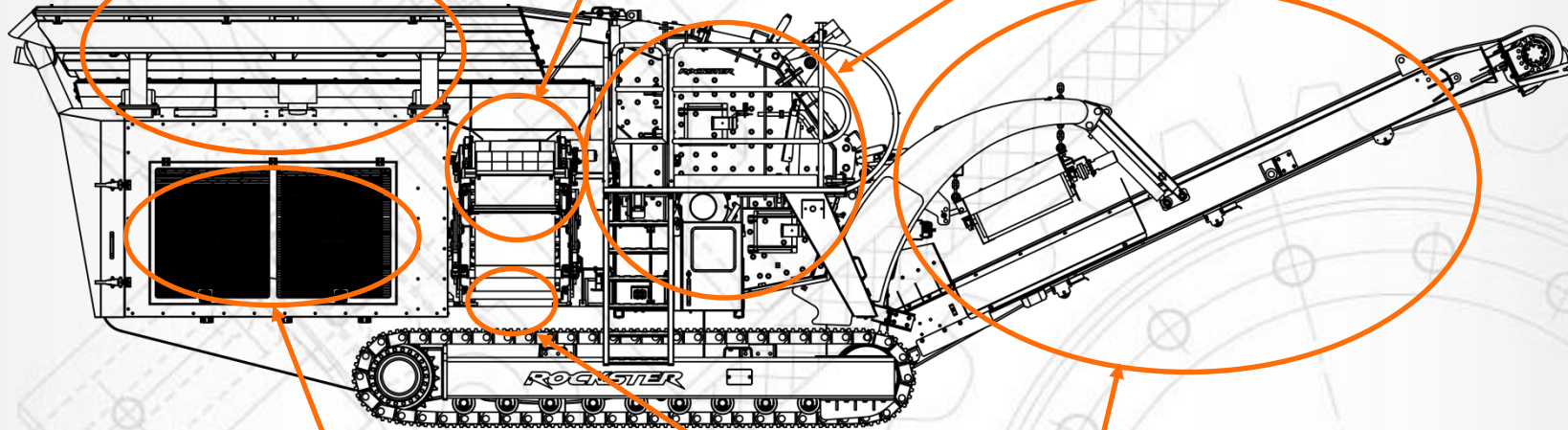
CRUSHER UNIT:

IMPACT CRUSHER



PRE-SCREEN:

WEAR PROTECTION, MATERIAL CLEANING,
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESEL ENGINE
HYDRAULIC SYSTEM
POWER CAPS

DISCHARGE:

MAIN BELT – final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR – iron contamination

[Back to overview](#)

R1100DE - SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable 2 step pre-screen (32 mm) for:

- ➔ better material handling
- ➔ less accumulations

MATERIAL: HARDOX 450

Adjustable speed on vibration feeder – **automatic, load-dependent speed**

Load control system – **overload protection**



[Back to overview](#)

R1100DE – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

or

➔ **Side discharge belt**

to clean the material or to get final product

Easy change-over with flap operated by lever

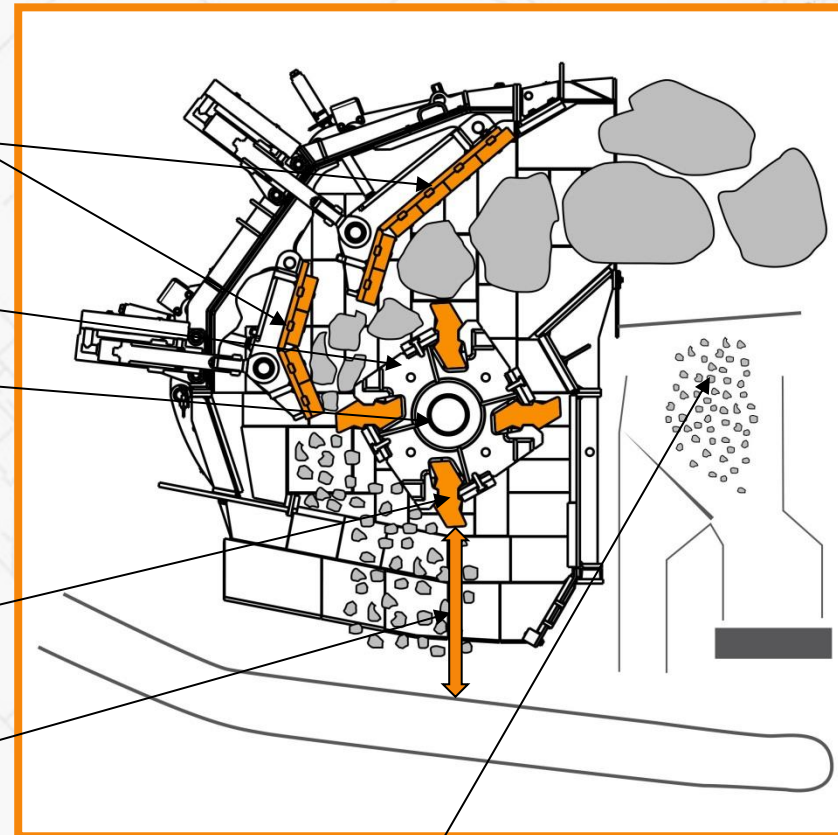
NO wear or service!



R1100DE – SPECIALS: IMPACT CRUSHER

ROBUST CRUSHER UNIT FOR HIGHEST QUALITY - CUBICAL - FINAL GRAIN

- ➔ 2 swing beam system (fully hydraulic gap adjustment)
- ➔ Massive rotor
- ➔ Oversized bearings and shafts
- ➔ Big rotor diameter
- ➔ Heavy “High Chrome” blow bars
- ➔ Big discharge height



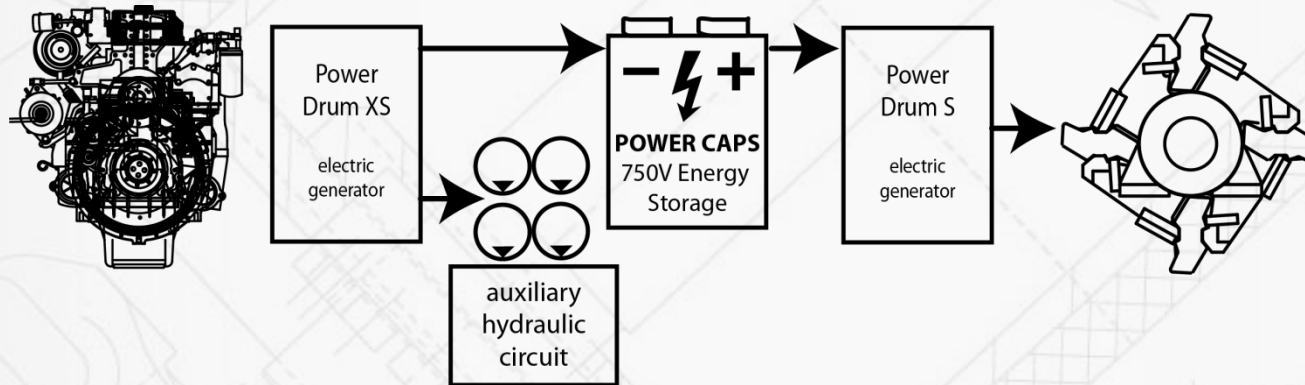
➔ Pre-Screening

[Back to overview](#)

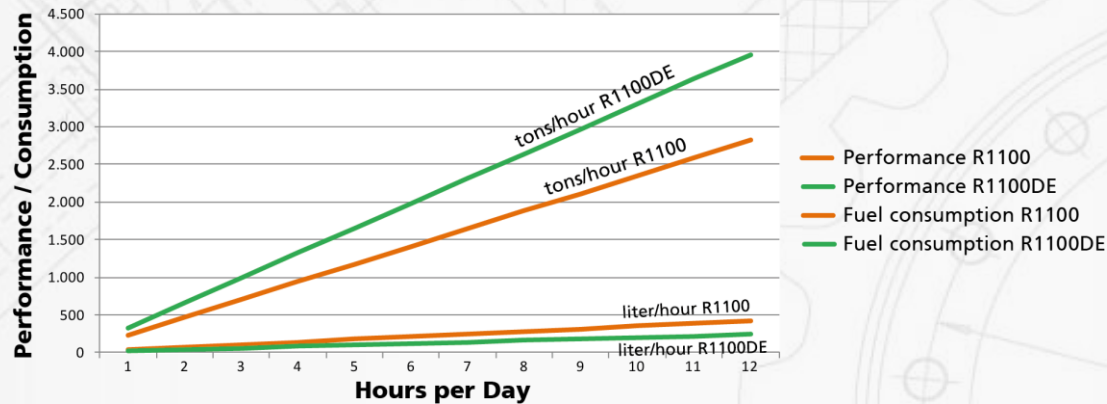
R1100DE – SPECIALS: ELECTRIC DRIVE / POWER CAPS

BENEFITS OF **HYBRID-TECHNOLOGY**:

➔ Exclusive “Power Caps” system stores electrical energy to manage demand peaks



➔ Up to 50% less fuel consumption



➔ Production capacity up to 400 t/h / 440 st/h

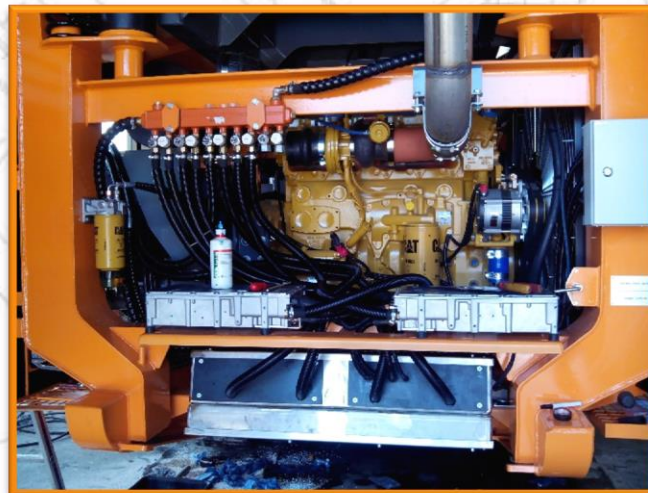
[Back to overview](#)

R1100DE - SPECIALS: BEST ACCESSIBILITY

Best accessibility for service and maintenance

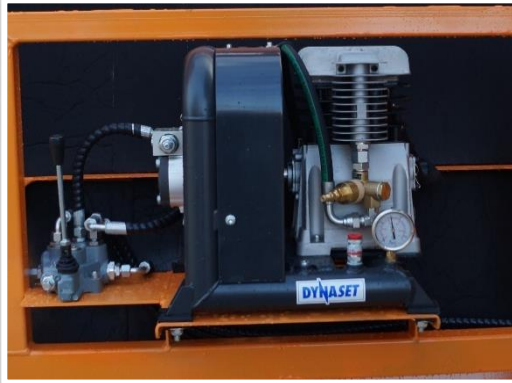


Above average ribs
for better cleaning
and ventilation



[Back to overview](#)

R1100DE – OPTIONS



Onboard air compressor

For machine cleaning (coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the dedusting points (for dust suppression).



Hammer exchange system

Lifting support for the exchange of the hammers.
Fixed on crusher.



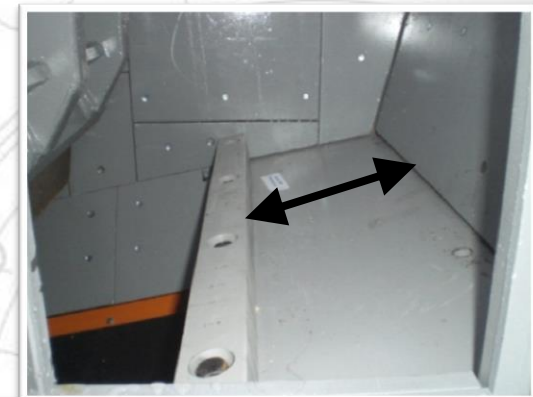
Central lubrication

Fully automatically lubrication system with integrated electronic control.



Belt weigh scale

Measuring of the performance on the discharge conveyor (t/h) including printer for receipts.



Main belt – wear protection

Adjustable wear plate at crusher outlet for belt protection.

[Back to overview](#)

R1100DE - EASY OPERATION: INTUITIONAL HANDLING

Intuitional and easy to use
central **machine control unit**



Wireless remote control
with main functions as standard



[Back to overview](#)

R1100DE - OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system consisting of screenbox RS114 and double-functional return/stockpile belt RB95 for producing 100% defined final grain.

Screenbox – 1 Deck

Screening surface: 3100 x 1350 mm / 122 x 54 in

Discharge height: ~ 3,2 m / 10.5 ft

Standard screen: 38 mm / 1.5 in

[Back to overview](#)

R1100DE - OPTION: DUPLEX SYSTEM R1100DE/R1200DE



From jaw crusher to impact crusher and vice versa –
in shortest time

[Back to overview](#)

R1100DE - OPTION: DUPLEX SYSTEM R1100DE/R1200DE



Within shortest time the track-mobile crushing plant R1200DE can be changed from **jaw crusher** into **impact crusher R1100DE** – and vice versa.

Therefore the plant can be **optimized to the different requirements** of the feeding material and guarantees a versatile operation of the plants.

[Back to overview](#)

R1100DE – RECYCLING OF DEMOLITION DEBRIS

Material:	demolition debris
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in
Performance:	up to 220 t/h / 240 st/h



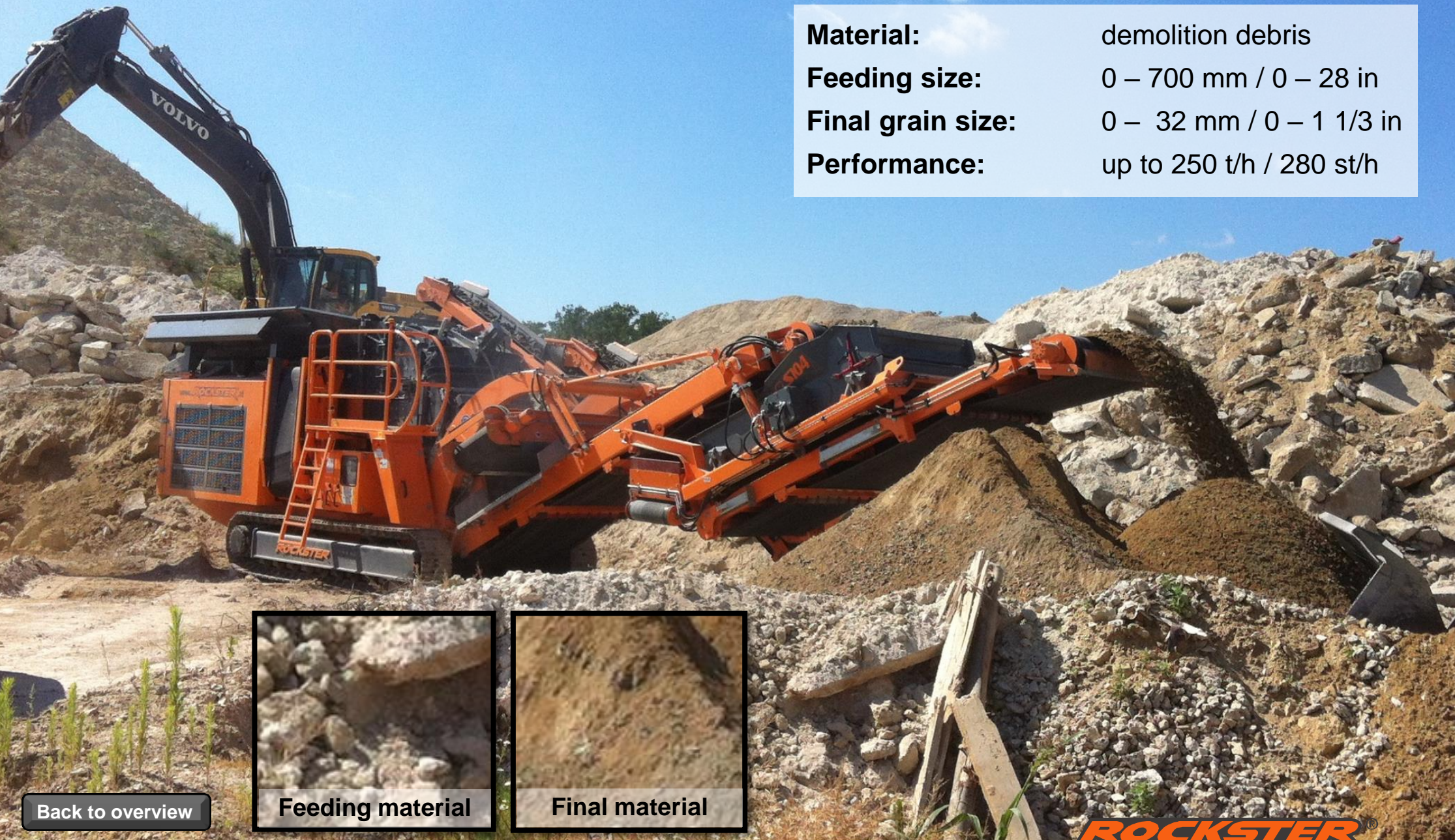
Feeding material



Final material

[Back to overview](#)

R1100DE – RECYCLING OF DEMOLITION DEBRIS

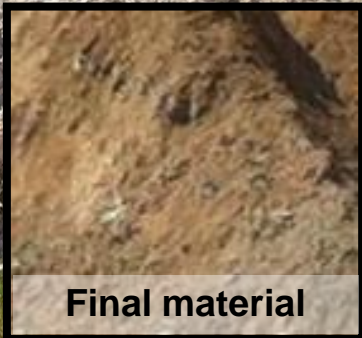


Material:	demolition debris
Feeding size:	0 – 700 mm / 0 – 28 in
Final grain size:	0 – 32 mm / 0 – 1 1/3 in
Performance:	up to 250 t/h / 280 st/h

[Back to overview](#)



Feeding material




Final material

R1100DE – RECYCLING OF ASPHALT

Material:	asphalt
Feeding size:	0 – 700 mm / 0 – 28 in
Final grain size:	0 – 22 mm / 0 – 7/8 in
Performance:	up to 200 t/h / 220 st/h



Final material



Feeding material

[Back to overview](#)

www.rockster.at

Crusher performances depending on machine adjustment, material, feeding size , feed rate ...

ROCKSTER
RECYCLER

R1100DE – SPECIAL APPLICATION IN FRONT OF THE EIFFEL TOWER



Crushing of 3 tons seized ivory

France sets a clear signal against elephant poaching



Ecology Minister Philippe Martin with TV presenter and ecologist Nicolas Hulot



[Back to overview](#)

Destruction des stocks d'ivoire
illicite saisis en France /
Destruction of illegal ivory stocks seized in France
PARIS
6 février 2014 - February 6, 2014

[Skip to Typical Rockster](#)

R1200D – TRACK-MOUNTED JAW CRUSHER



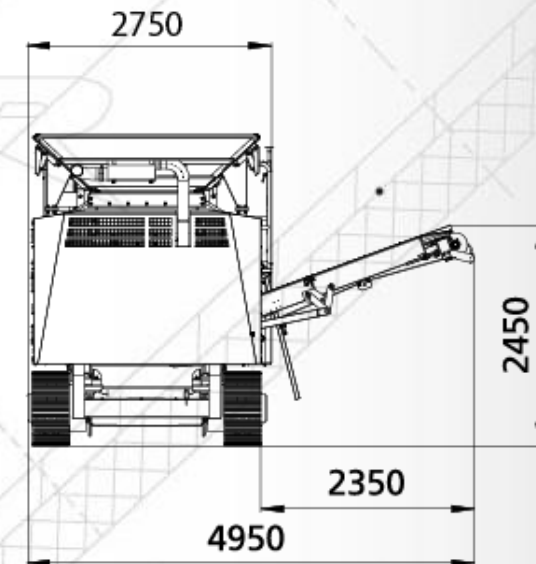
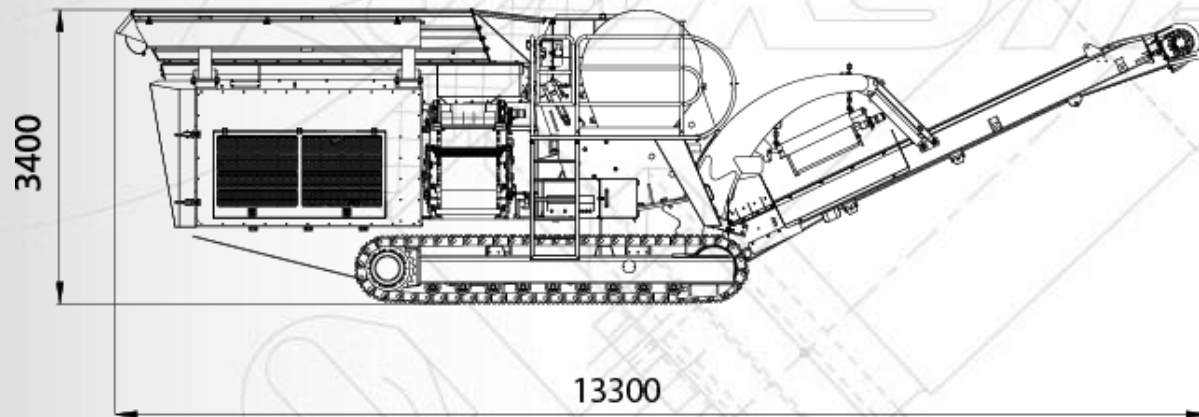
Inlet opening: 1200 x 680 mm / 48 x 27 in

Performance: up to 280 t/h / 310 st/h

Weight: 38,4 t / 84,700 lbs
41,5 t / 91,500 lbs (with RS114)

[Back to overview](#)

R1200D – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 13,30 m / 43.7 ft

Width: 2,75 m / 9.1 ft

Height: 3,40 m / 11.2 ft

Transport dimensions with screenbox RS114:

Length: 15,70 m / 51.6 ft

Width: 2,75 m / 9.9 ft

Height: 3,40 m / 11.2 ft



[Back to overview](#)

R1200D - STRUCTURE

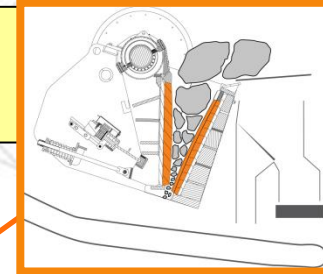


FEEDING DEVICE:

HOPPER – STORAGE of MATERIAL
VIBRORINNE – TRANSPORT of MATERIAL

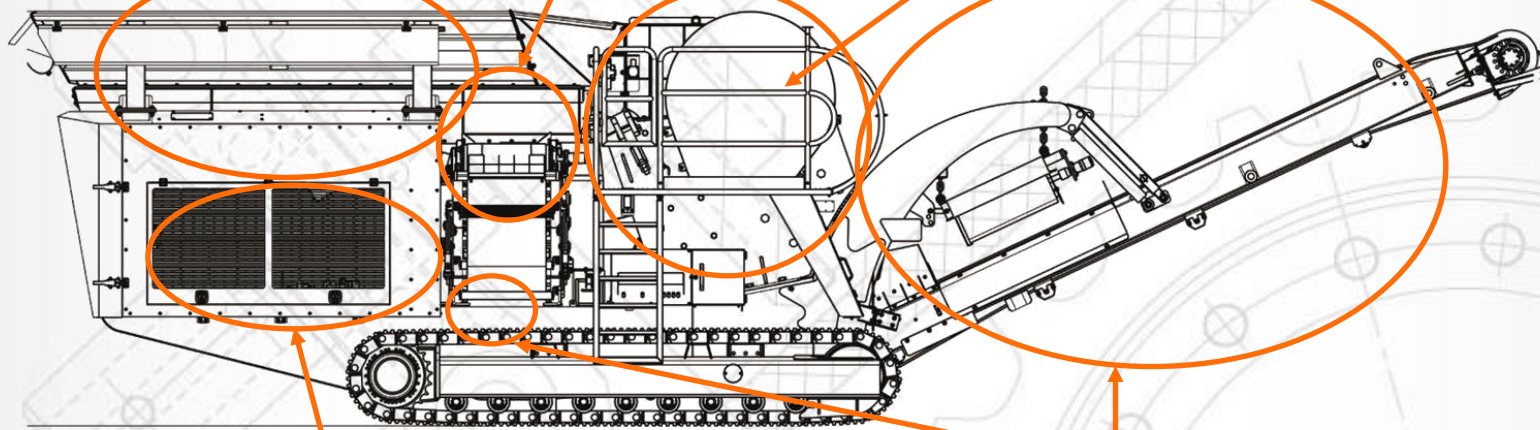
CRUSHER UNIT:

JAW CRUSHER



PRE SCREENING:

WEAR PROTECTION, MATERIAL CLEANING
PERFORMANCE INCREASE



DRIVE SYSTEM:

DIESELENGINE
HYDRAULIC SYSTEM
HYDROSTAT

DISCHARGE:

MAIN BELT – Final product
SIDE BELT – pre-screened material
MAGNETIC SEPERATOR– iron contamination

[Back to overview](#)

R1200D - SPECIALS: FEEDING SYSTEM

Fixed hopper and separate vibration feeder with exchangeable pre-screen for:

- ➔ better material handling
- ➔ less accumulations

MATERIAL: HARDOX 450



Adjustable speed on vibration feeder

Load control system –
overload protection

[Back to overview](#)

R1200D – SPECIALS: BYPASS CHUTE

Discharge of pre-screened material alternatively to:

➔ **Main discharge belt**

to increase the performance of the crusher (the fines bypass the crusher)

or

➔ **Side discharge belt**

to clean the material or to get final product

Easy change-over with flap operated by lever

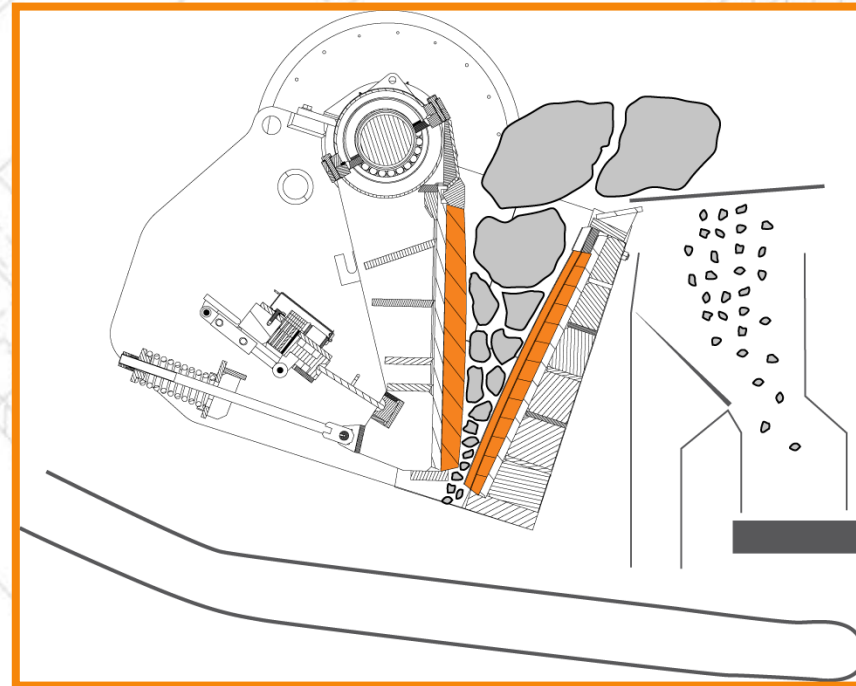
NO wear or service!



R1200D - SPECIALS: JAW CRUSHER

ROBUST CRUSHER UNIT

- ➔ Hydraulic gap adjustment
- ➔ reversible
- ➔ Oversized bearings and shafts



R1200D – SPECIALS: HYDROSTATIC DRIVE

HYDROSTATIC DRIVE SYSTEM

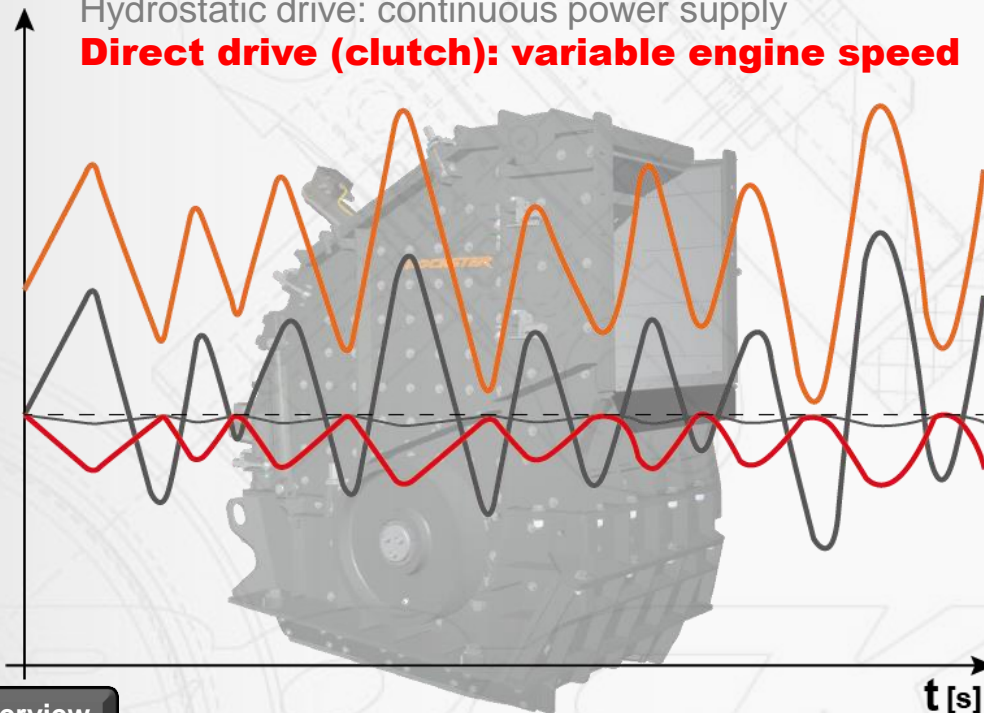
- ➔ **NO clutch – NO wear**
- ➔ **Stepless adjustment of crusher speed: 0 – 280 rpm**
- ➔ **Adjustment of rotating direction (Duplex System)**
- ➔ **Optimum adaptation of drive performance to power demand of crusher**
- ➔ **Power reserve**

Variable power demanded by crusher [hp]

Hydrostatic pressure [bar]

Hydrostatic drive: continuous power supply

Direct drive (clutch): variable engine speed



**CONTINUOUS
PRODUCTION**

[Back to overview](#)

R1200D – SPECIALS: BEST ACCESSIBILITY

Best accessibility for service and maintenance



Above average ribs
for better cleaning
and ventilation



[Back to overview](#)

R1200D - OPTION: CRUSH & SCREEN

Defined final grain in one workflow



Screening system with screenbox RS114

Screenbox – 1 Deck

Screening surface: 3100 x 1350 mm / 122 x 54 in
Discharge height: ~ 3,2 m / 10.5 ft
Standard screen: 38 mm / 1.5 in

[Back to overview](#)

R1200D OPTION: DUPLEX SYSTEM R1100DS/R1200D



From jaw crusher to impact crusher and vice versa –
in shortest time

[Back to overview](#)

R1200D - OPTION: DUPLEX SYSTEM R1100DS/R1200D

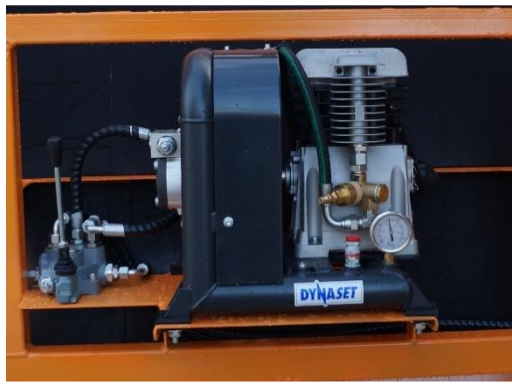


Within shortest time the track-mobile crushing plant R1200D can be changed from **Jaw crusher into Impact crusher (R1100DS)** – and vice versa.

Therefore the plant can be **optimized to the different requirements** of the feeding material and guarantees a versatile operation of the plants.

[Back to overview](#)

R1200D – OPTIONS



Onboard air compressor

For machine cleaning
(coolers, air filter, etc.).
Connected to machine hydraulic.



Water pump

Water supply for the
dedusting points
(for dust suppression).



Central lubrication

Fully automatically
lubrication system with
integrated electronic control.



Belt weigh scale

Measuring of the performance on
the discharge conveyor (t/h)
including printer for receipts.

[Back to overview](#)

R1200D - EASY OPERATION: INTUITIONAL HANDLING



Wireless remote control
with main functions as standard

Intuitional and easy to use
central **machine control unit**



[Back to overview](#)

R1200D + R1100 + RTS 512 – PROCESSING OF GRANITE

Material:	granite
Feeding size:	0 – 600 mm / 0 – 24 in
Final grain size:	0 – 8 mm / 0 – 1/3 in 8 – 16 mm / 1/3 – 2/3 in 16 – 25 mm / 2/3 – 1 in 25 – 32 mm / 1 – 1 1/3
Performance:	up to 180 t/h / 200 st/h



Feeding material



Final material

[Back to overview](#)

R1200D + RS94 + RB83 – PROCESSING OF GRANITE

Material: granite
Feeding size: 0 – 600 mm / 0 – 24 in
Final grain size: 0 – 32 mm / 0 – 1 1/3 in
32 – 70 mm / 1 1/3 – 2 3/4 in
Performance: up to 210 t/h / 230 st/h



Final material 1



Final material 2



Feeding material

[Back to overview](#)

[Skip to Typical Rockster](#)

RSS410 – TRACK-MOUNTED SCALPING SCREEN



2-Deck Scalping Screen

Screen surface (both decks): 3,00 x 1,20 m / 9.9 x 4.0 ft

Feedhopper max. volume: 4,5 m³ / 5.9 yd³

Drive unit: Diesel engine stage 3a or 3b

Discharge heights:

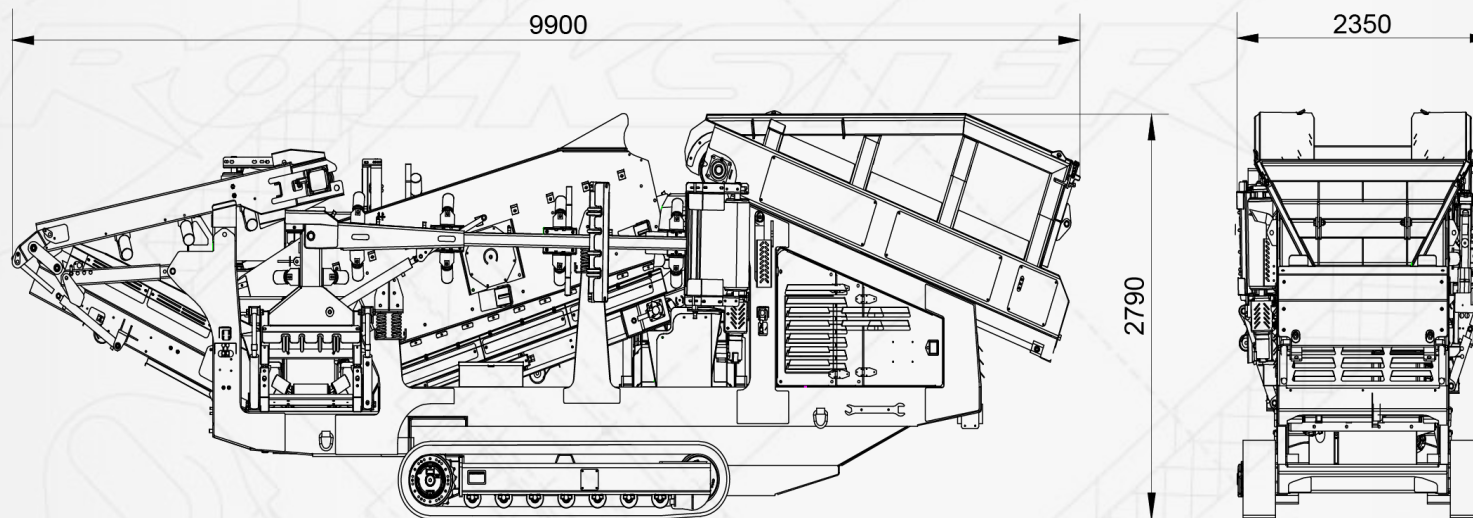
Fines belt: ~ 3,10 m / 10.2 ft

Mids belt: ~ 2,80 m / 9.2 ft

Oversize belt: ~ 3,00 m / 9.9 ft

[Back to overview](#)

RSS410 – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 9,90 m / 32.5 ft

Width: 2,35 m / 7.7 ft

Height: 2,79 m / 9.2 ft

Weight: ~ 15,3 t / 33,700 lbs



[Back to overview](#)

RSS410 – APPLICATIONS



gravel



compost / soil

[Back to overview](#)

[Skip to Typical Rockster](#)

RSS514 – TRACK-MOUNTED SCALPING SCREEN



2-Deck Scalping Screen

Screen surface (both decks): 4,30 x 1,52 m / 14.1 x 5.0 ft

Feedhopper max. volume: 7,2 m³ / 9.4 yd³

Drive unit: Diesel engine stage 3a or 3b

Discharge heights:

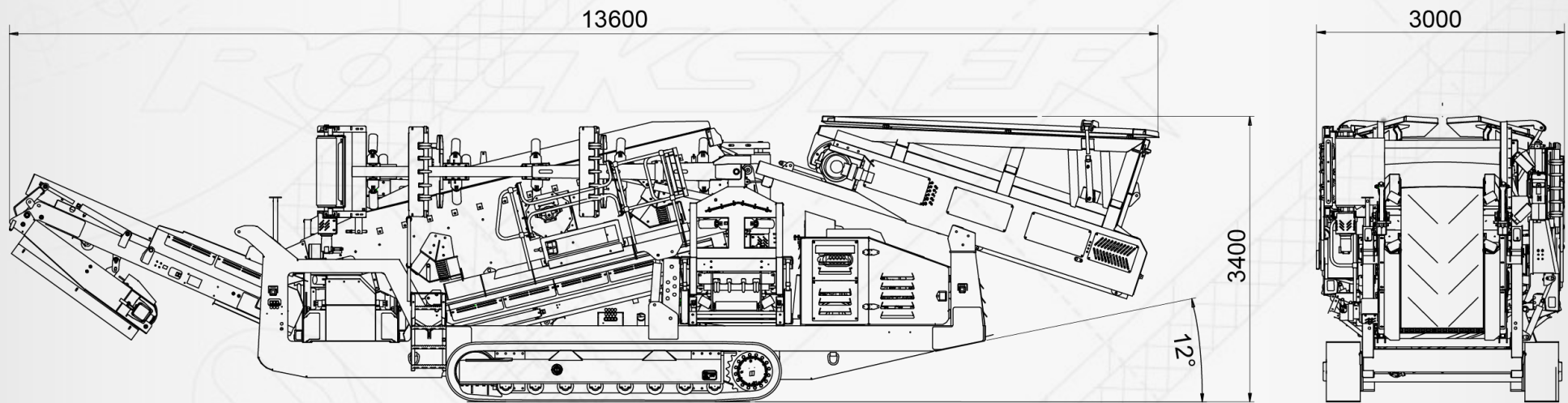
Fines belt: ~ 3,80 m / 12.5 ft

Mids belt: ~ 3,60 m / 11.8 ft

Oversize belt: ~ 3,40 m / 11.2 ft

[Back to overview](#)

RSS514 – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 13,60 m / 44.6 ft
Width: 3,00 m / 9.8 ft
Height: 3,40 m / 11.2 ft

Weight with belt feed: ~ 23,0 t / 50,700 lbs

Weight with apron feed: ~ 27,0 t / 59,500 lbs



[Back to overview](#)

RSS514 – APPLICATIONS



asphalt



virgin stone



asphalt

[Back to overview](#)

[Skip to Typical Rockster](#)

RDS410 – TRACK-MOUNTED 2-DECK FINISHING SCREEN



2-Deck Finishing Screen

Screen surface (both decks): 3,00 x 1,20 m / 9.9 x 4.0 ft

Feedhopper max. volume: 5,8 m³ / 7.6 yd³

Drive unit: Diesel engine stage 3a or 3b

Discharge heights:

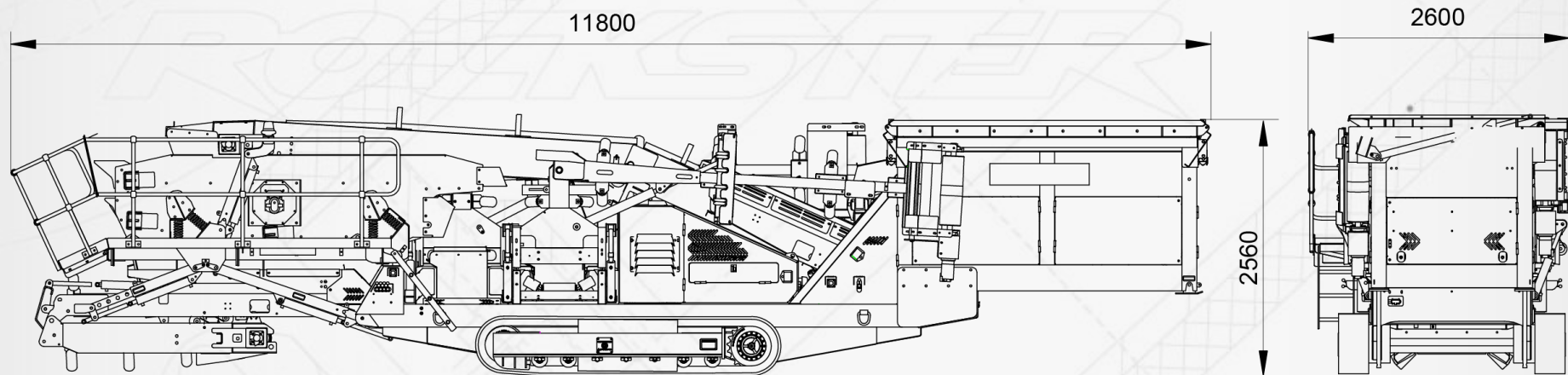
Fines (tail) belt: ~ 2,85 m / 9.4 ft

Midsized belt: ~ 3,00 m / 9.9 ft

Oversize belt: ~ 3,00 m / 9.9 ft

[Back to overview](#)

RDS410 – TRANSPORT DIMENSIONS



Transport dimensions:

Length: 11,80 m / 38.7 ft
Width: 2,60 m / 8.5 ft
Height: 2,56 m / 8.4 ft
Weight: ~ 15,5 t / 34,200 lbs



[Back to overview](#)

RDS410 – APPLICATIONS



virgin stone



wood chips



gravel

[Back to overview](#)

[Skip to Typical Rockster](#)

RDS514/RTS514 – TRACK-MOUNTED 2 OR 3-DECK FINISHING SCREEN



2- or 3-Deck Finishing Screen

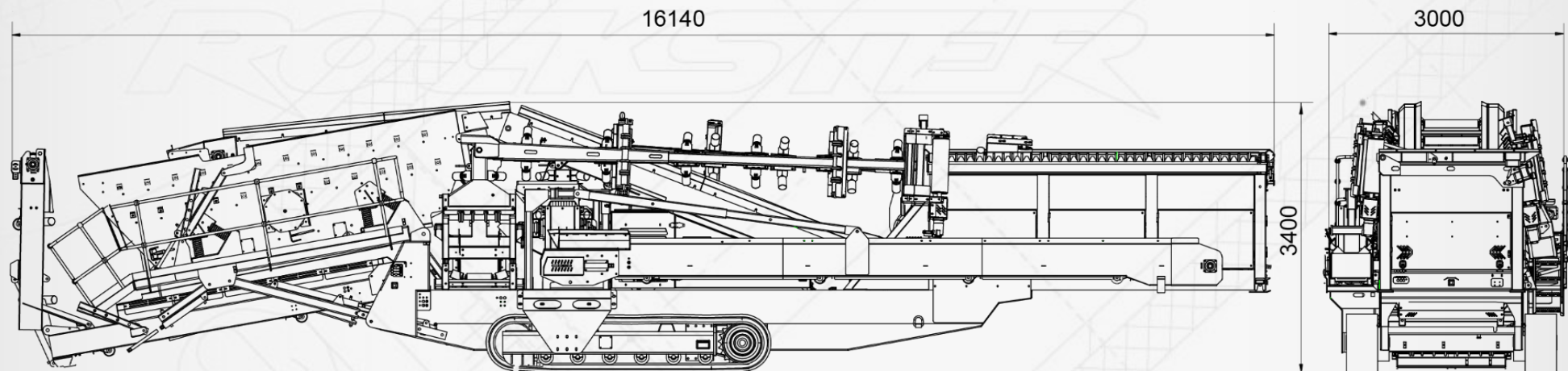
Screen surface top deck:	4,35 x 1,50 m / 14.3 x 4.9 ft
Screen surface second deck:	4,35 x 1,50 m / 14.3 x 4.9 ft
Screen surface bottom deck:	3,60 x 1,50 m / 11.8 x 4.9 ft
Feedhopper max. volume:	8,0 m ³ / 10.5 yd ³
Drive unit:	Diesel engine stage 3a or 3b

Discharge heights:

Fines (tail) belt:	~ 4,30 m / 14.1 ft
Midsized belt:	~ 4,40 m / 14.4 ft
Oversize belt:	~ 4,40 m / 14.4 ft
Auxiliary belt:	~ 4,80 m / 15.8 ft

[Back to overview](#)

RDS514/RTS514 – TRANSPORT DIMENSIONS



Transport dimensions 2-Deck Screening Plant:

Length: 16,40 m / 53.0 ft

Width: 3,00 m / 9.9 ft

Height: 3,20 m / 10.5 ft

Weight (without options): ~ 26,5 t / 58,400 lbs

Transport dimensions 3-Deck Screening Plant:

Length: 16,40 m / 53.0 ft

Width: 3,00 m / 9.9 ft

Height: 3,40 m / 11.2ft

Weight (without options): ~ 28,5 t / 62,600 lbs

[Back to overview](#)

RDS514/RTS514 – APPLICATIONS



coal



virgin stone



top soil

[Back to overview](#)

[Skip to Typical Rockster](#)

RTT517 – TRACK-MOUNTED TROMMEL SCREEN



Also available in
wheeled mobile
version!

Trommel Screen

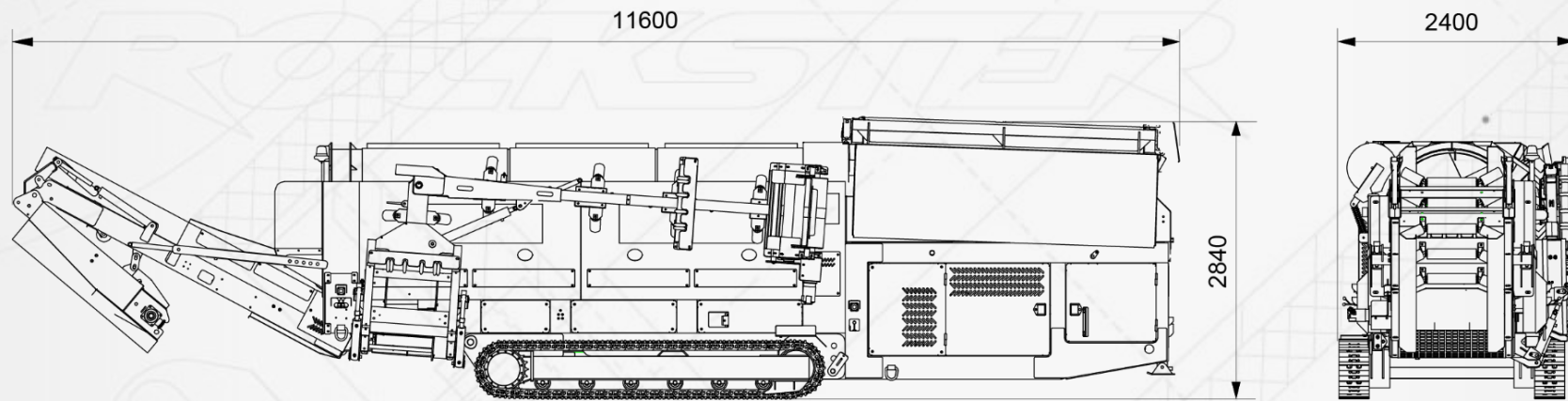
Drum length:	5,15 m / 16.9 ft
Drum diameter:	1,37 m / 4.5 ft
Feedhopper max. volume:	6,0 m ³ / 7.8 yd ³
Drive unit:	Diesel engine stage 3a or 3b

Discharge heights:

Fines belt:	~ 2,70 m / 8.9 ft
Oversize (tail) belt:	~ 2,80 m / 9.2 ft

[Back to overview](#)

RTT517 – TRANSPORT DIMENSIONS



Transport dimensions:

Length:	11,60 m / 38.1 ft
Width:	2,40 m / 7.9 ft
Height:	2,84 m / 9.3 ft
Weight:	~ 14,5 t / 32,000 lbs

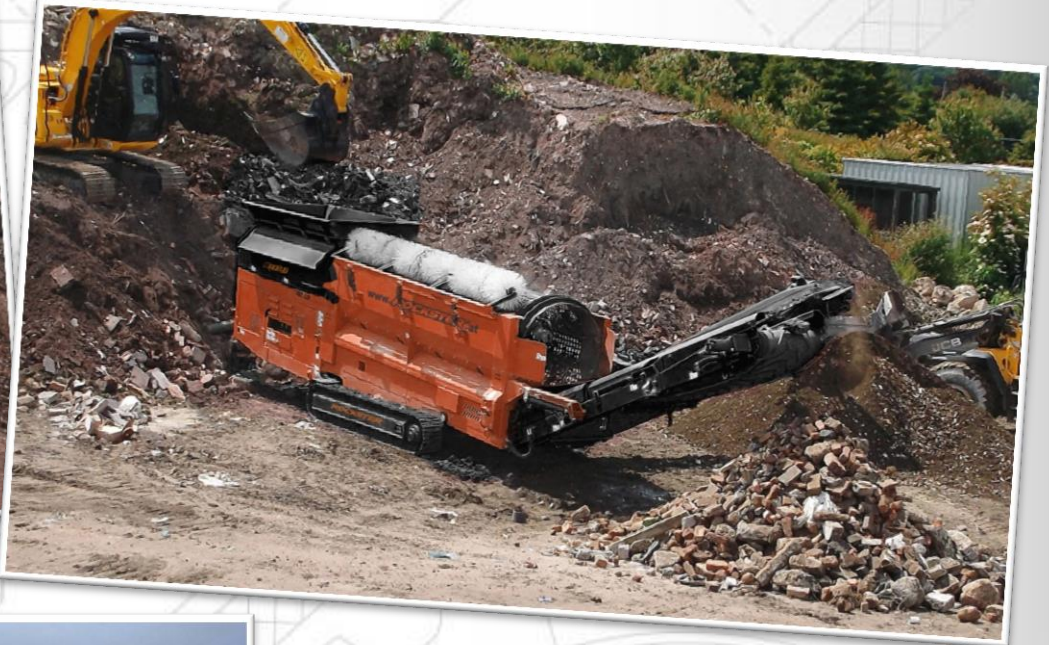


[Back to overview](#)

RTT517 – APPLICATIONS



demolition debris



demolition debris



wood chips

[Back to overview](#)

[Skip to Typical Rockster](#)

RTT720 – TRACK-MOUNTED TROMMEL SCREEN



Also available in
wheeled mobile
version!

Trommel Screen

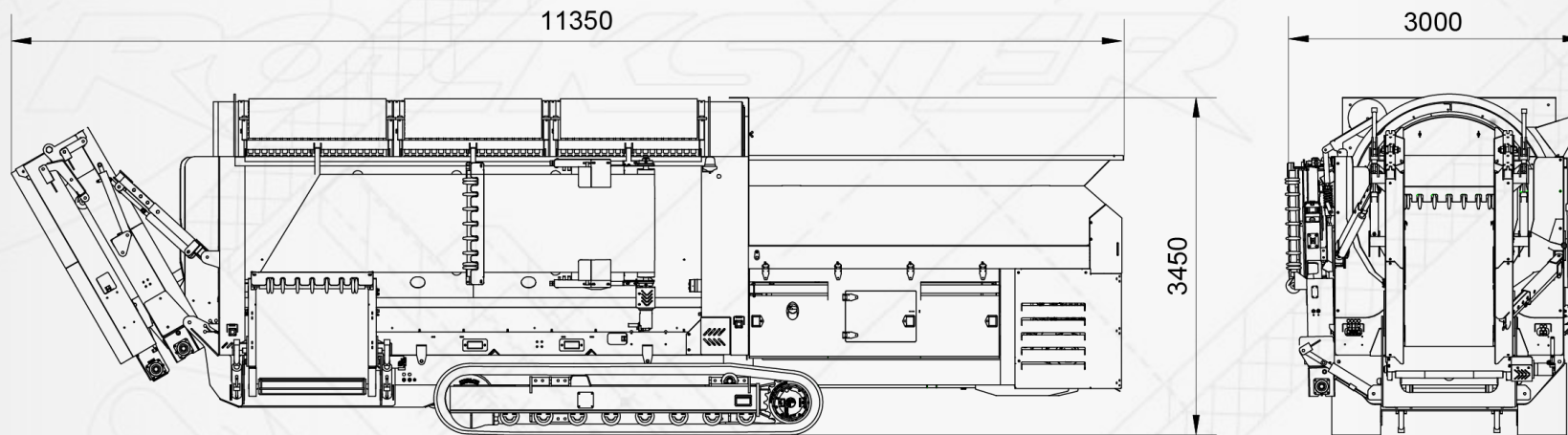
Drum length:	5,50 m / 18.0 ft
Drum diameter:	2,00 m / 6.6 ft
Feedhopper max. volume:	6,0 m ³ / 7.8 yd ³
Drive unit:	Diesel engine stage 3a or 3b

Discharge heights:

Fines belt:	~ 3,10 m / 10.2 ft at 30 degrees
Oversize (tail) belt:	~ 3,30 m / 10.8 ft at 30 degrees

[Back to overview](#)

RTT720 – TRANSPORT DIMENSIONS



Transport dimensions:

Length:	11,35 m / 37.3 ft
Width:	3,00 m / 9.9 ft
Height:	3,45 m / 11.3 ft
Weight:	~ 20,0 t / 44,100 lbs

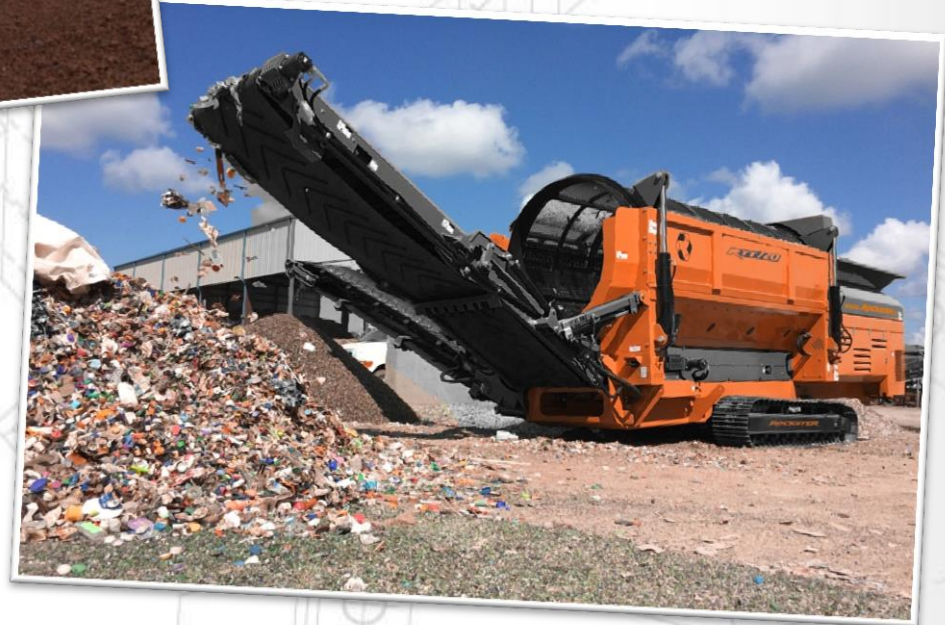


[Back to overview](#)

RTT720 – APPLICATIONS



top soil



waste

[Back to overview](#)

[Skip to Typical Rockster](#)

RST18 – TRACK-MOUNTED STACKER



Mobile Stacker

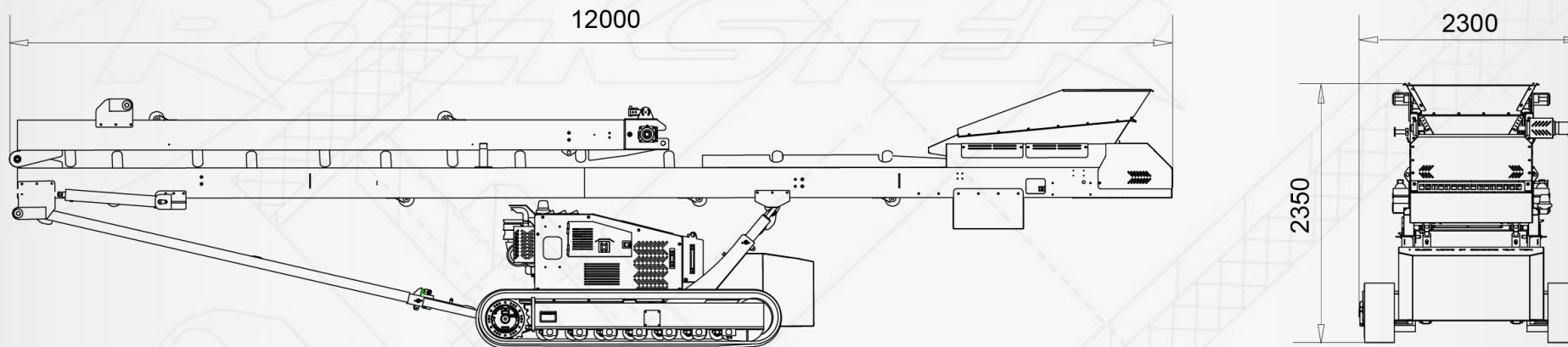
Stacker (length x width): 18,20 x 2,30 m / 59.7 x 7.6 ft
Belt width: 0,90 m / 3.0 ft
Feedboot (length x width): 2,30 x 1,40 m / 7.6 x 4.6 ft
Feedboot capacity: 1-3 m³ / 1.3-3.9 yd³
Drive unit: Diesel engine stage 3a or 3b

Discharge heights:

Minimum: ~ 5,5 m / 18.0 ft
Maximum: ~ 8,4 m / 27.6 ft

[Back to overview](#)

RST18 – TRANSPORT DIMENSIONS



Transport dimensions:

Length:	12,00 m / 39.4 ft
Width:	up to 2,30 m / 7.6 ft*
Height:	2,35 m / 7.7 ft
Weight:	9,0 - 11,5 t / 19,800 - 25,400 lbs*

* depends on the conveyor width and engine



[Back to overview](#)

RST18 – APPLICATIONS



concrete



virgin stone



demolition debris



gravel



coal

[Back to overview](#)

[Skip to Typical Rockster](#)

RST23 – TRACK-MOUNTED STACKER



Mobile Stacker

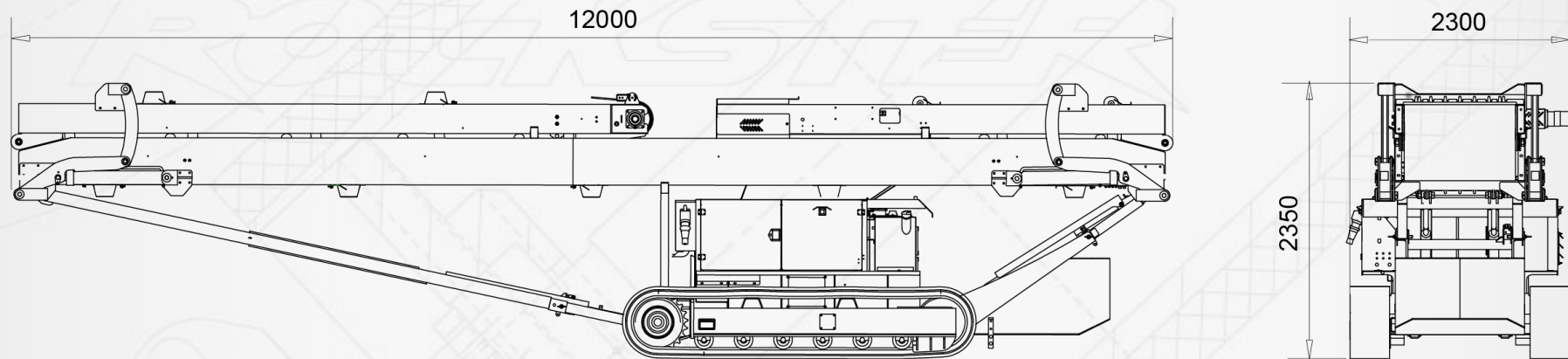
Stacker (length x width):	23,00 x 2,30 m / 75.5 x 7.6 ft
Belt width:	1,05 m / 3.5 ft
Feedboot (length x width):	2,30 x 1,80 m / 7.6 x 5.9 ft
Feedboot capacity:	1-3 m ³ / 1.3-3.9 yd ³
Drive unit:	Diesel engine stage 3a or 3b

Discharge heights:

Minimum:	~ 8,4 m / 27.6 ft
Maximum:	~ 10,9 m / 35.8 ft

[Back to overview](#)

RST23 – TRANSPORT DIMENSIONS



Transport dimensions:

Length:	12,00 m / 39.4 ft
Width:	up to 2,30 m / 7.6 ft*
Height:	2,35 m / 7.7 ft
Weight:	12,5 t / 27,600 lbs*

* depends on the conveyor width and engine



[Back to overview](#)

RST23 – APPLICATIONS



sand

[Back to overview](#)

[Skip to Typical Rockster](#)



ROCKSTER® RECYCLER

DOZER Mariusz Gołębiewski
ul. Wojska Polskiego 24-26, 75-712 Koszalin

Tel.: +48 (94) 340 45 79 | biuro@rockster.pl | www.rockster.pl

