

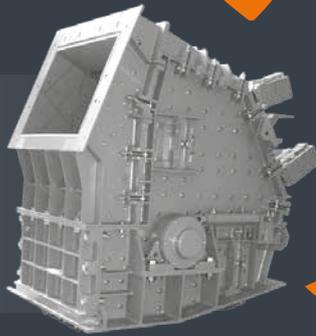
# PRODUCT DESCRIPTION

# DUPLEX SYSTEM

THE ORIGINAL  
since 2004

**R900**  
DUPLEX

Impact crusher



**R900**

Jaw crusher



# 1 MACHINE 2 CRUSHERS

Rockster Austria International GmbH | Matzelsdorf 72, 4212 Neumarkt i.M., Austria  
Tel.: +43 720 70 1212 | office@rockster.at | www.rockster.at



# PRODUCT DESCRIPTION

**DUPLEX  
SYSTEM**

**R800**

**R900  
DUPLEX**



**MOBILE TRACK-MOUNTED IMPACT CRUSHER**

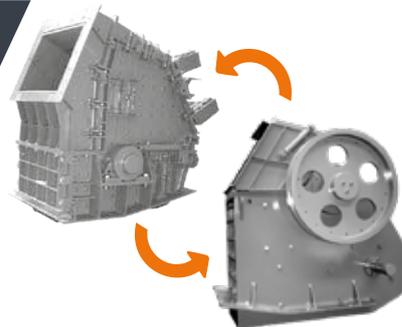
**R900  
DUPLEX**

**MOBILE TRACK-MOUNTED JAW CRUSHER**

**R800**

**DUPLEX SYSTEM R900 / R800**

**1 MACHINE  
2 CRUSHERS**



**THE ORIGINAL**  
since 2004

# FROM IMPACT TO JAW CRUSHER IN SHORTEST AMOUNT OF TIME

**DUPLEX  
SYSTEM**



Change the track-mounted impact crusher (**R900d**) to a jaw crusher (**R800**) and vice versa - within hours. The machine can be optimized for different requirements depending on the feeding material and because of the

possibility to have two crushing processes in one machine, it guarantees without a doubt a highly versatile and cost-effective operation.

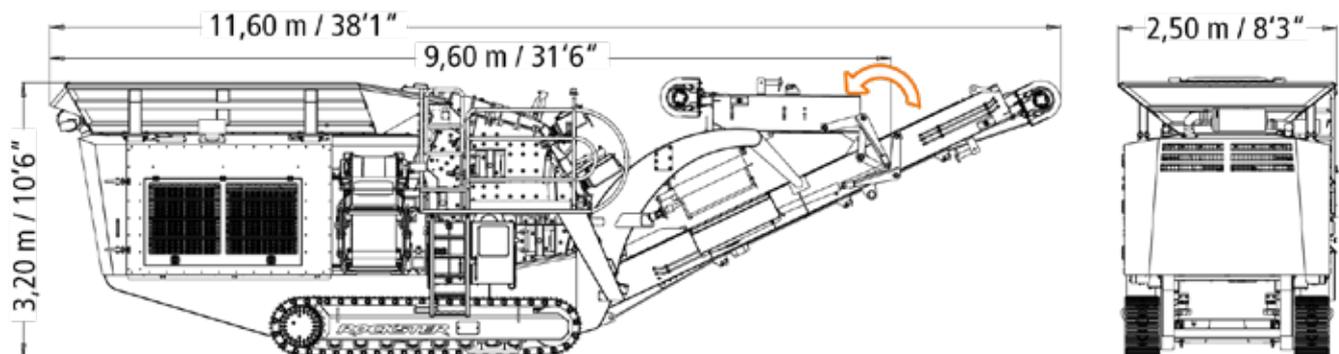
## MAIN DIMENSIONS - R900d / R800

### Transport dimensions

Length:	31'6" / 9,60 m
Height:	10'8" / 3,25 m
Width:	8'3" / 2,50 m
Weight R900:	55,600 lbs / 25,50 t
Weight R800:	56,700 lbs / 25,70 t

### Feeding & discharge height

Feeding height:	10'6" / 3,20 m
Main discharge belt:	~ 10'6" / 3,20 m
Side discharge belt:	~ 7'6" / 2,30 m





Perfect cubic final grain

## ONE MACHINE - UNLIMITED POSSIBILITIES

In order to optimize the machine utilization and to guarantee a versatile operation of the crusher, the Rockster team has developed a unique Duplex System, which enables the customer to change the single crushing units. Both units can be installed onto the same chassis and the change from a jaw crusher into an impact crusher can be done in the shortest amount of time - and vice versa. With its incomparable performance, the track-mounted

impact crusher R900d yields perfect cubic final grain quality and it makes flexible operation during recycling of asphalt, concrete and rubble even easier. R800 jaw crusher is the ideal solution for any applications that demand toughest requirements when it comes to wear parts. That being said, recycling of the hardest aggregates and virgin stone is therefore done with ease.

## DUPLEX-SYSTEM IS THE OPTIMAL SOLUTION FOR RECYCLING & PROCESSING

### CONCRETE



Recycled concrete blocks 0/16

### DEMOLITION DEBRIS



Subbase road 0/32

### ASPHALT



Road 0/32

### BRICK



Refilling pipelines 0/64

### VIRGIN STONE



Forest road 0/32

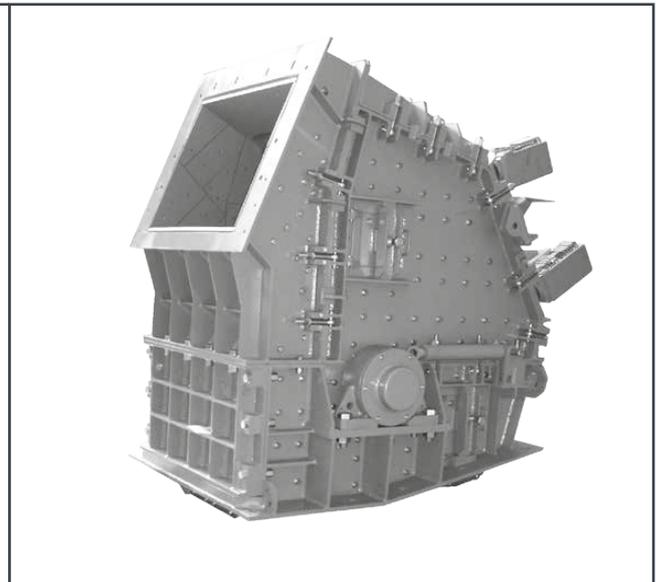
The track-mounted mobile crushers R900d/R800 are installed on the basis of a fully hydraulic principle and are mounted on the same basic chassis.

The hydrostatic drive system allows a clockwise or anti-clockwise operation of the crusher so it is possible to

install both crushing units onto the same basic frame. The machine can be changed from impact crusher to jaw crusher, and vice versa in a short amount of time.

## Impact crusher

Inlet opening:	36" x 29" / 900 x 720 mm
Impact circle diameter:	41" / 1020 mm
Rotor equipment:	4 hammers
Crushing ration:	1:10 - 1:50
Performance:	up to 270 st/h / 240 t/h
Rotor speed:	up to 850 rpm
Weight:	16,645 lbs / 7.550 kg
Drive:	hydrostatic
Gap adjustment (adjusted on display):	fully hydraulic
Dust suppression:	At the crusher inlet & outlet

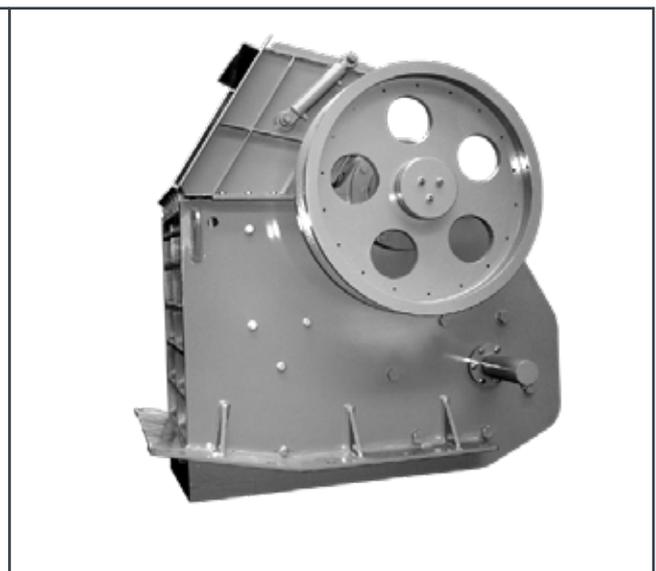


The Rockster impact crusher guarantees highest performance at a very high crushing ratio. Due to two hydraulically adjustable swing-beams, as well as a variable

rotor speed, the final grain can be fully and precisely optimized.

## Jaw crusher

Inlet opening:	32" x 20" / 800 x 500 mm
Crushing ratio:	1:8
Performance:	up to 120 t/h / 140 st/h
Rotor speed (continuously adjustable):	up to 320 min <sup>-1</sup>
Weight:	17,600 lbs / 8.000 kg
Drive:	hydrostatic
Gap adjustment (adjusted on display):	fully hydraulic
Crusher outlet:	420 mm



The hydraulically adjustable Rockster jaw crusher is the ideal solution for all operations that require the highest demand on wear parts.

Even under the toughest conditions, the R800 guarantees the highest crushing performance and the lowest wear.

# GENERAL INFORMATION



Austrian based manufacturer Rockster Austria International GmbH has a longstanding reputation and the know-how in demolition and screening industry.

The product line includes, among others, track mounted impact and jaw crushers, screening machinery and tracked stackers. "Our mobile crushers and screeners are used for profitable & economical recycling and processing of asphalt, concrete and construction waste, as well as for natural stone.

With innovations like The Original DUPLEX system or double-functional return belt, we repeatedly demonstrate our progressive approach towards improving and developing more efficient recycling & processing methods."

Rockster machines are sold in more than 50 countries worldwide. Our sales partner network guarantees the ideal on-site package of product and service in order to support and secure the daily success of our customers.





Rockster Austria International  
Headquarters, Austria

**SOLD IN MORE THAN 50 COUNTRIES WORLDWIDE**

**COMPETENCE.  
PROGRESS.  
PARTNERSHIP.**

Rockster Austria International GmbH | Matzelsdorf 72, 4212 Neumarkt i.M., Austria  
Tel.: +43 720 70 1212 | office@rockster.at | [www.rockster.at](http://www.rockster.at)

