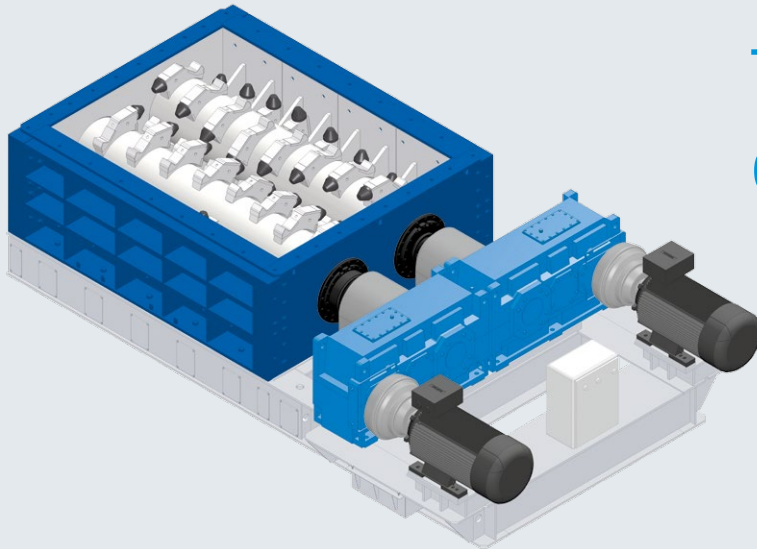




# RollSizer DRS 800 x 1500 C CenterSizer for Coal

thyssenkrupp



## The different way of crushing

### Proven quality – great flexibility – easy operation

The material is crushed by pressure and shear forces generated by high rotor torques at a low circumferential speed. Fines are passing the rolls without being crushed by falling through the gap between the rolls. Therefore the specific power consumption, the wear rate and the fines content in the final product are considerably lower compared to other crushing systems. thyssenkrupp CenterSizers are used for primary and secondary crushing.

### Features

#### Compact design resulting in a low overall height

- Suitable to be easily integrated into existing plants

#### Excellent grip

- According to application harmonized roll distance, number and geometry of teeth

#### Crushing rolls with exchangeable tooth picks

- Quick and easy exchange of tooth picks
- High durability because of wear resistant steel
- Optimized shape of the tooth tip

#### Pre-screening effect

- Saving of energy
- Reduction of wear
- Low generation of fines

#### Drive concept

- Customized heavy duty gear boxes
- Good accessibility
- Easy maintenance

#### Monitoring devices

- Proper functioning is monitored by speed and temperature sensors

#### Housing and base frame

- Wear protection plates inside the crushing chamber
- Crushing forces are absorbed within the machine frame

#### Automatic grease lubrication unit

- Lubrication for bearings and labyrinths
- Lubrication system is monitored

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## Technical Specification

### General data

Materials:	Coal, lignite etc.	
Maximum feed size	- 3 teeth:	0 – 1,200 mm edge length
	- 4 teeth:	0 – 800 mm edge length
Product size	- 3 teeth:	0 – 300 mm
	- 4 teeth:	0 – 250 mm
Capacity:	up to 900 t/h	

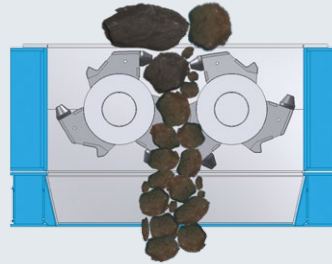
### Crusher

Type of RollSizer:	CenterSizer
Roll distance:	800 mm
Roll length:	1,500 mm
Type of teeth:	Exchangeable tooth picks
Number of teeth rows per roll:	3 or 4, depending on feed size
Feed opening dimensions (L x W):	1,590 mm x 1,800 mm
Main dimensions (l x w x h):	5,020 mm x 3,120 mm x 1,420 mm
Total weight:	up to 33 mt

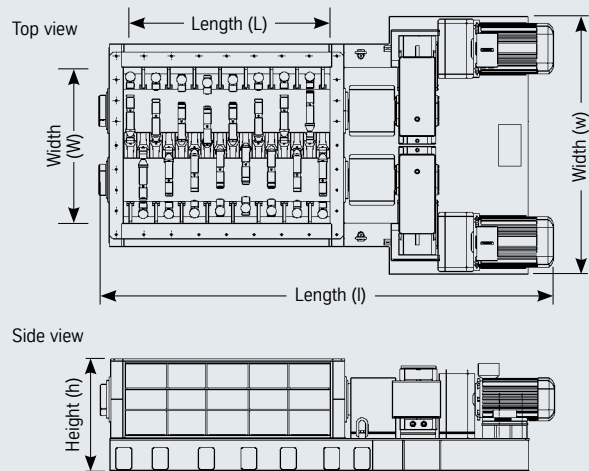
### Drive

Drive concept:	Mechanical double drive arranged on one side
Motor power:	2 x 90 kW

### Crushing principle



### Main dimensions



## Contact

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Sales representative

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