CCS-440
CONE CRUSHER

CONE CRUSHER TECHNICAL SPECIFICATIONS



ÖZELLİKLER	DATAS
FEATURES	Cone Crusher
Maximum Feed Size	**EC** 450 mm **C** 400 mm **MC** 300 mm
Adjustment Type	Hydraulic
Drive	Electric Motor Driven by V-Belts
Motor Power	220 kW
Closed Side Setting (CSS)	25-57 mm
Eccentric Throw Range	20-36 mm
Mantles	EC (Extra coarse), C (Coarse), MC (Medium coarse)
Number of Crushing Chambers	3
Dimensions:	7878 mm (Length) 4080 mm (Width) 5754 mm (Height)
The cone crusher is shipped in separate components to facilitate transportation and logistics operations.	
Weight:	21637 kg

Note: All weights and dimensions apply to standard units only.

1 **Main Shaft**
– The main power transmission component connected to the main shaft, providing the eccentric motion.

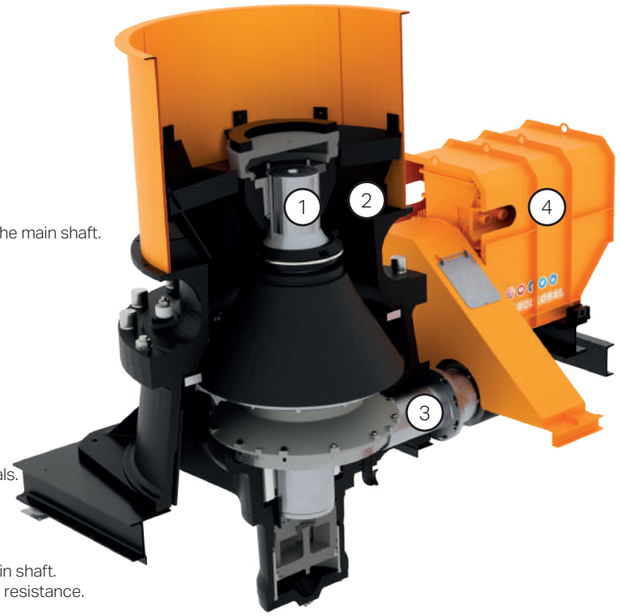
2 **Crushing Chamber**
– The area where the crushing process takes place.

3 **Shaft**
– The component that transmits power from the motor to the main shaft.

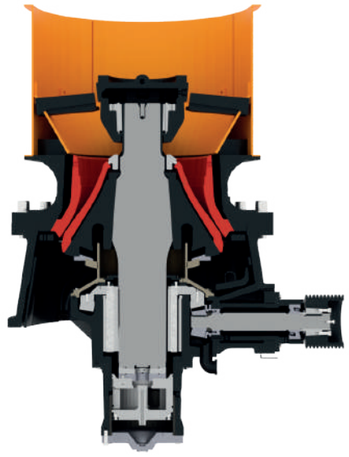
4 **Motor**
– 220 kW

5 **Mantle (Crusher Mantle)**
– A stationary component mounted on the upper frame of the crusher body.
– Manufactured from durable, highly wear-resistant materials.

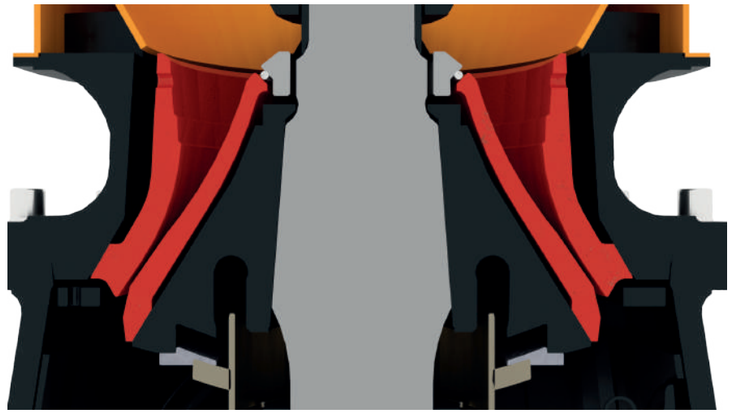
6 **Mantle**
– A cone-shaped movable component mounted on the main shaft.
– Manufactured to provide a long service life and high wear resistance.







Cross-Sectional View of the Cone Crusher



Crushing Chamber

Nominal Capacity Values According to CSS Setting (T/H)										
	29	**32**	**35**	**38**	**41**	**44**	**48**	**51**	**54**
EC	-	-	273-318	285-434	297-452	309-470	325-495	337-447	349-406
C	-	291	304-463	317-483	331-503	344-456	362-421	375	-
MC	245	257-391	269-409	281-427	292-445	304-403	320-372	332	-

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