

FTC-300

MOBILE CONE CRUSHER

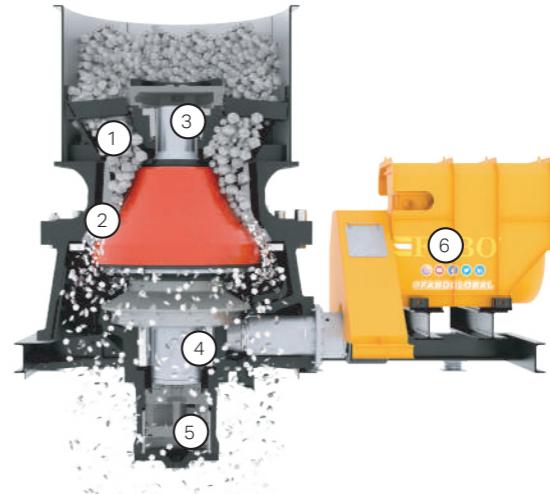


CONE CRUSHER FEATURES

① Cone crushers provide continuous and efficient crushing performance thanks to their wide feed opening. The system design safely manages intermittent material feed and operation under empty chamber conditions.

② The power transferred from the motor to the gear shaft is delivered to the hub through the gears. Inside the crusher, the hub and the concave crush and break the stones by applying pressure.

③ Thanks to the high pivot point, a linear crushing motion is achieved, which both reduces wear and increases capacity. The use of a single bearing compatible with all stroke options simplifies spare parts management.



④ By rotating or replacing the eccentric bronze bushing in the crusher, the stroke length—and thus many production-related features of the crusher—can be easily adjusted.

⑤ The closed side setting (CSS) of the cone crusher can be adjusted during operation via automation through the oil volume beneath the main shaft, making processes like wear compensation possible as well!

⑥ The motor transmits power to the eccentric shaft via a V-belt.

Crushing Chamber	Max. Feed Size	6	8	10	13	16	19	22	25	29	32	35	38	41	44	48
EC	215	—	—	—	85	92-207	99-271	105-290	112-308	121-333	128-351	134-370	141-388	148-333	155-309	164-245
C	175	—	—	—	88-131	94-260	101-279	108-298	115-317	124-342	131-361	138-311	145-290	152-228	159-199	—
MC	140	—	—	—	85-185	100-274	107-294	114-314	122-334	131-361	139-312	146-292	153-230	161-201	—	—
M	110	—	—	—	90-202	97-267	104-287	111-306	118-326	128-288	135-270	142-213	149-186	—	—	—
MF	85	—	—	—	80-221	87-238	93-256	99-273	106-290	114-257	120-241	127-190	133-166	—	—	—
F	70	—	62-78	66-182	72-197	77-213	83-228	89-244	94-260	102-229	108-215	113-170	119-149	—	—	—
EF	42	43-117	44-121	46-125	49-134	52-129	56-112	60-91	65-81	—	—	—	—	—	—	—

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	DATA	SPECIFICATIONS	DATA
Crusher	Cone Crusher	Power Unit	
Crusher Weight	14000 kg	Motor Power	500 - 550 Kva / 536 - 589 HP
Max. Feed Size	215 mm	Diesel Tank Capacity	500 liter
Adjustment Type	Hydraulic	Hydraulic Oil Tank Capacity	225 liter
Drive	Electric drive via V-belts		
Output Range (css)	It varies depending on the type of crushing chamber.		

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

TRANSPORT DIMENSIONS



OPERATING DIMENSIONS



Weight : 42000 kg

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FTC-300 MOBILE CONE CRUSHER

WORLD LEADER IN CONE CRUSHERS

FTC-300, with its high-performance cone crusher unit, enables effective crushing of hard stones. Its compact design maximizes site efficiency with quick setup and easy portability.

Thanks to its wide feed hopper and unique high crushing capacity, it offers excellent reduction ratios along with high efficiency. The powerful cone crusher easily handles the toughest stone and mining applications, while also delivering superior performance in segments such as recycling and aggregate production. The hydraulic lifting and lowering feature, provided as standard on the main conveyor, offers maximum flexibility and ease of use to the operator.

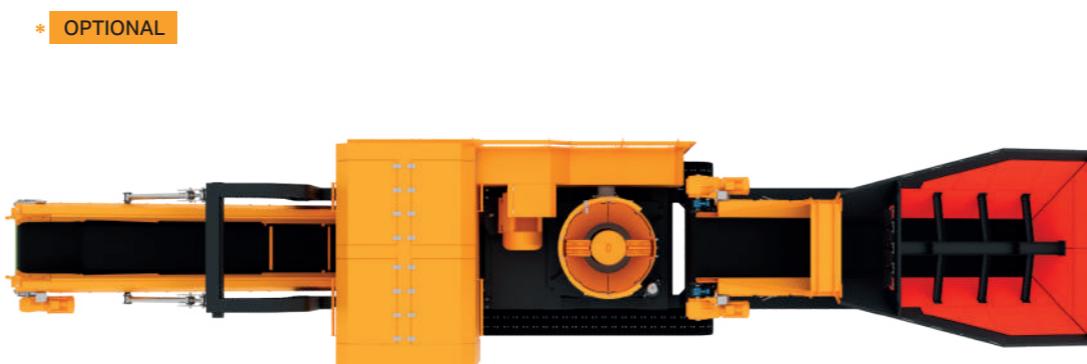
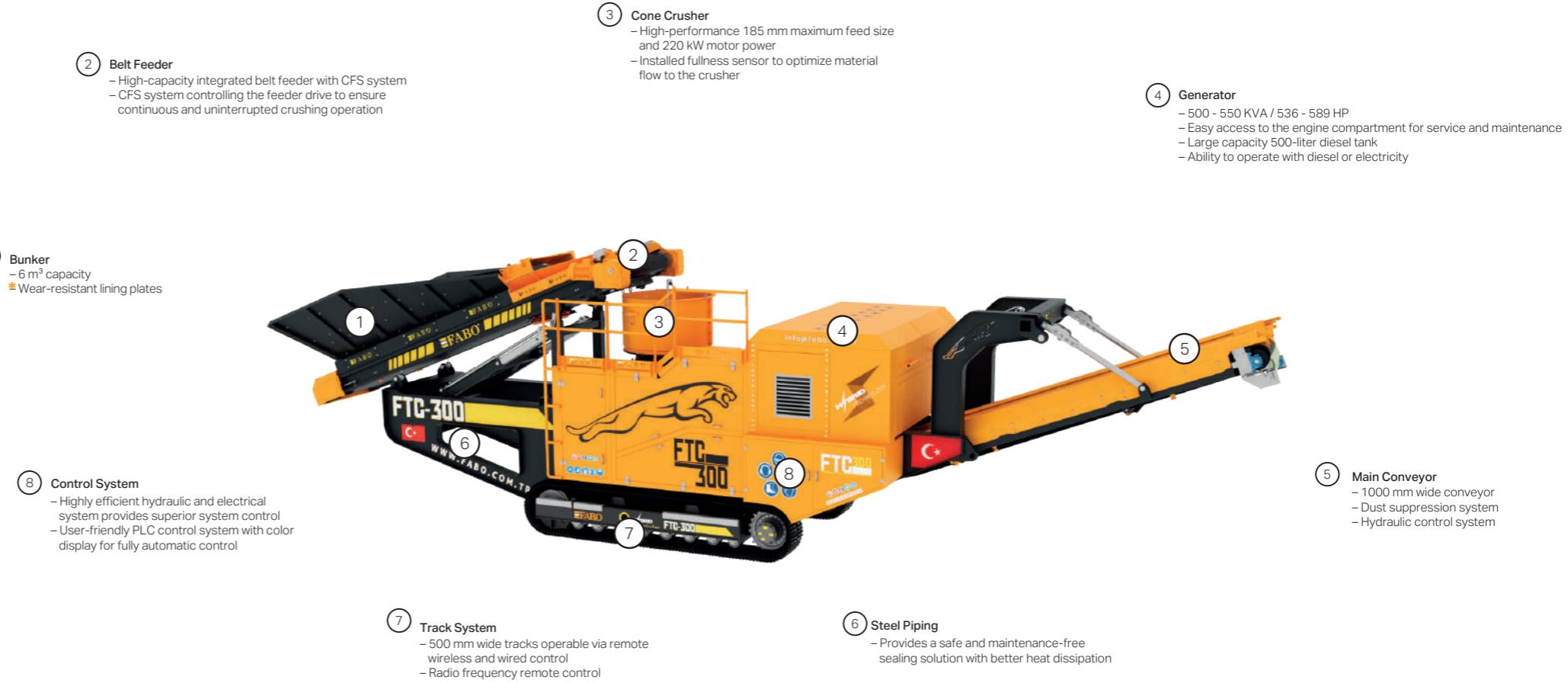
KEY FEATURES:

- Emission-compliant 500 - 550 kVA / 536 - 589 HP for powerful and economical performance
- Automatic centralized lubrication system to reduce maintenance time
- * Operates up to ambient temperatures of 40-50°C without the need for oil changes
- Hydraulic opening and automatic protection systems enable blockage removal and crushing of tough materials
- Material flow is automatically optimized by a level sensor integrated into the feed hopper of the cone crusher
- Transport and operating dimensions compliant with European standards
- Designed for fuel savings and low operating costs

PRODUCTION CAPACITY:

220-340 t/h

SPECIFICATIONS	DATA
Equipment:	Cone Crusher
Max. Feed Size:	215 mm
Transport Dimensions:	17000 mm (Length) 3500 mm (Width) 3700 mm (Height)
Weight:	42000 kg



Track System: Provides superior mobility and stability on rough terrain.

STANDARD FEATURES



Crusher Level Sensor



User-friendly PLC control system with color display



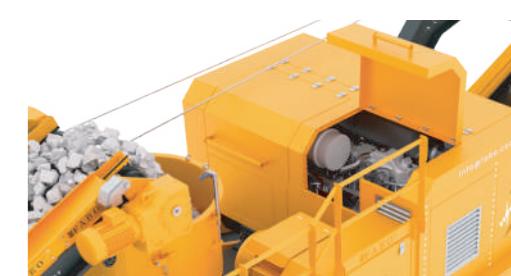
Remote Control Operation



The main conveyor provides efficient discharge and easy operation.



It offers both diesel and electric operation with hybrid technology.



Easy access to the engine compartment