

H6e

METRIC



The H6e cone crusher is the most reliable and productive cone crusher on the market with lots of safety devices as a standard, to protect your capital investment. It can be equipped with an optional 3-deck after screen making it unique on the market.

Optional 3-deck after screen

Filling level and capacity control by ultrasonic sensor

Drop-off engine generator unit

50
t/h

Diesel-electric

200
kWh

Electric plug-in
mains

Applications

Secondary, tertiary or quaternary crushing
Abrasive and hard stone
Hard rock and ore
Granite and basalt
River and sea gravel
Quarrying and mining
Production of aggregates for asphalt, concrete etc.
And others

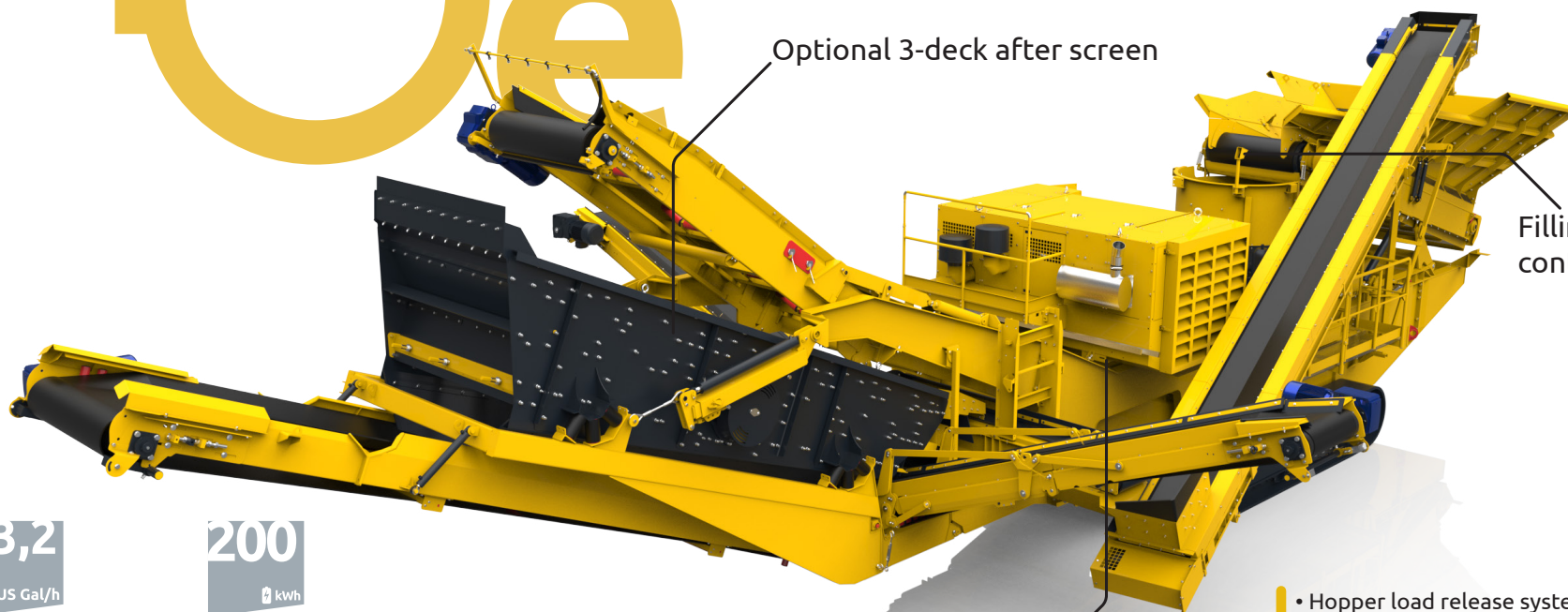
- Hopper load release system to spread the load
- Proven pressurized cone technology with automatic release system, rotational indication & slip control of cone drive & overload protection
- Constant Liner Performance

Keestrack

H6e

IMPERIAL

The H6e cone crusher is the most reliable and productive cone crusher on the market with lots of safety devices as a standard, to protect your capital investment. It can be equipped with an optional 3-deck after screen making it unique on the market.



13,2
US Gal/h
Diesel-electric

200
kWh
Electric plug-in
mains

Applications

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TECHNICAL SPECIFICATIONS	
Capacity up to	435 sT
Weight	56 sT
Weight incl. triple deck after screen	68 sT
Feed size up to	8,5"
Hopper	•
Feed hopper in HB450	9 yard ³
Hydraulic foldable hopper walls	•
Loading height	12'2", 8'2" open rear wal
	13'6"
	11'6"
	HB 450 welded
Hopper load release system	•
Standard Apron Feeder & belt feeder from apron to pre-screen with extra electro magnet	/
Apron feeder l x w	/
Standard belt feeder with metal detector	•
Belt feeder l x w	17'7" x 3'11"
Cone Crusher	
Weight of cone crusher	15,8 sT
Maximum feed size up to	8,5"
C.S.S. min. - max.	0,6 - 1,7"
Standard safeties on pressurized cone:	
Automatic release system for uncrushable	•
Rotational indication of crusher drive	•
Slip control of crusher drive	•
Filling levels measured with ultrasonic sensor(s)	•
Capacity control automatically according to filling level & engine load	•
Wear indicator on display, automatic	•
Standard access to crusher house	Right
Walkways besides the cone	•
Main conveyor belt (l x w) & (discharge height), hydraulically foldable	41' x 3'11" (15'9")
Track-unit: Length, total width, track shoe width	13'4', 9'10", 1'8"
2-speed track drive	0,6 and 1,2 mph
Drop-off engine	•
Engine unit(s), indication, sometimes more optional engines	352 kW @ 1500 RPM, 382 kW @ 1800 RPM
Battery pack for driving the tracks and hydraulic folding	/
Control	PLC – IP 67 LCD screen 12" & remote control
Smart sequential auto start/stop from remote control	•
Safety protection with special key system, emergency stops, machine stop at remote, protected doors during operation and other safety features	•
All drive drums and return drums of belt conveyors are greased for life	•
Available drive systems	
	Diesel/hydraulic drive /
	e-drive Diesel/hybrid, electric plug-in & plug-out •
	ZERO drive (no combustion engine, plug-in electric) •

OPTIONS

Feeding , pre-screen & crushing	
Feed hopper wear plates HB 450 / HB 500	•
Hopper extensions	•
Pre screen with fines stockpile conveyor	•
Hopper	/
Belt feeder	42'4" x 3'3"
1 deck pre screen	11'6" x 5'
Screen media pre-screen	punched plate
Fines stockpile conveyor, l x w (discharge height)	27' x 2'2" (11')
3- deck after screen: incl oversize, recycling and fines conveyor and intermediate fraction conveyor for closed circuit processing. After screen unit can be disassembled easy by fast connectors and can be placed on support legs	•
Top deck, l x w	15'2" x 5'10"
Middle deck	14'9" x 5'10"
Bottom deck, l x w	14'9" x 5'10"
Screen media after screen	Wire mesh / square mesh
Oversize conveyor, l x w (discharge height)	9'4" x 2'2" (10'6")
Recycling conveyor	34'1" x 2'2"
Under feeder, conveyor oversize fraction, l x w	/
Middle fraction fines stockpile conveyor, l x w (discharge height) - left side	19'5" x 2'1" (11')
Middle fraction coarse stockpile conveyor, l x w (discharge height) - right side	19'5" x 2'1" (11')
Fines conveyor, l x w (discharge height)	22'3" x 4' (13'8")
Walkways besides the after screen box (standard in option)	right side
Extra option walkway on left side	left side
Other options	
Dust suppression system	•
Radio remote, several options	•
Fuel filling pump	•
Working lights	•
Telematics system UMTS/GPS	•
Heating system lube oil tank	•

TRANSPORT	
Transport l x w x h	52'6" x 9'10" x 12'
Transport l x w x h with 3-deck after screen	66'9" x 9'10" x 12'

LEGENDA	
•	applicable - available
/	not applicable- not available

