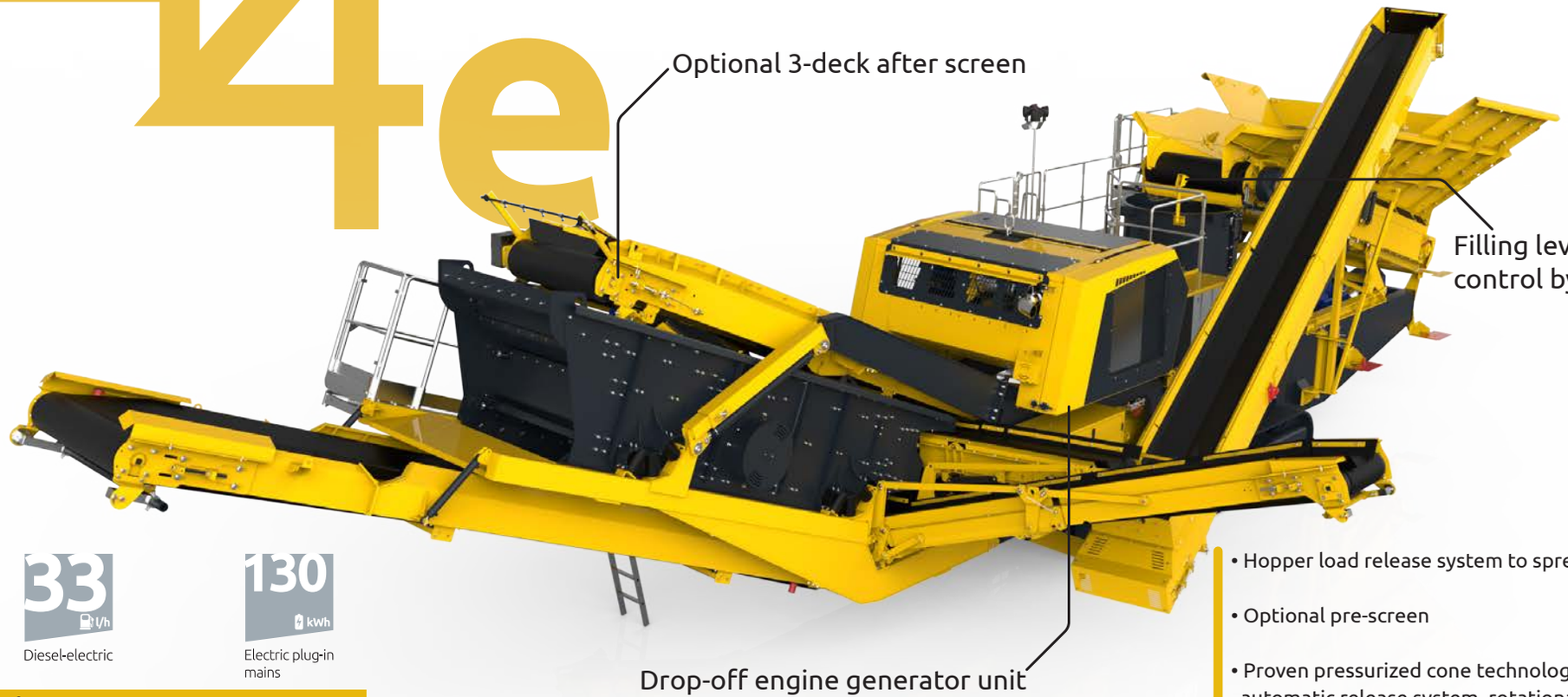
H4e

The H4e cone crusher is the most reliable and performing 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.



33 l/h
Diesel-electric

130 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
- Optional pre-screen
- Proven pressurized cone technology with automatic release system, rotational indication & slip control of cone drive & overload protection
- Most extensive throw range on the market
- Constant Liner Performance

Keestrack

TECHNICAL SPECIFICATIONS	
Capacity up to	208 t
Weight	38 t
Weight incl. triple deck after screen	46 t
Feed size up to	185 mm
Hopper	•
Feed hopper in HB450	8 m³
Hydraulic foldable hopper walls	•
Loading height	3400 mm, 2700 mm open rear wall
Loading width (back)	3450 mm
Side loading length	3800 mm
Wear lining	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	5400 mm x 1200 mm
Cone Crusher	
Weight of cone crusher	9,2 t
Maximum feed size up to	185 mm
C.S.S. min. - max.	6 - 38 mm
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	10500 mm x 1000 mm (4000 mm)
Track-unit: Length, total width, track shoe width in mm	3815, 2770, 400 mm
2-speed track drive	0,75 km/h and 1,5 km/h
Drop-off engine	•
Engine unit(s), indication, sometimes more optional engines	251 kW @ 1500 RPM, 283 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 chute and walkway (left)	•
Hopper	5 m³
Belt feeder	3080 mm x 1000 mm
1 deck pre screen	1800 mm x 1200 mm
Screen media pre-screen	punched plate
Fines stockpile conveyor, l x w (discharge height)	/
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	3600 mm x 1500 mm
Middle deck	3600 mm x 1500 mm
Bottom deck, l x w	3600 mm x 1500 mm
Screen media after screen	Wire mesh / square mesh
Oversize conveyor, l x w (discharge height)	2850 mm x 500 mm (3050 mm)
Recycling conveyor	8500 mm x 650 mm
Under feeder, conveyor oversize fraction, l x w	/
Middle fraction fines stockpile conveyor, l x w (discharge height) - left side	6000 mm x 500 mm (2850 mm)
Middle fraction coarse stockpile conveyor, l x w (discharge height) - right side	6000 mm x 500 mm (3050 mm)
Fines conveyor, l x w (discharge height)	6800 mm x 1200 mm (3760 mm)
Walkways besides the after screen box (standard in option)	right side
Extra option walkway on 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	standard

TRANSPORT	
Transport l x w x h (mm)	114475 mm x 3000 mm x 3450 mm
Transport l x w x h (mm) with 3-deck after screen	18500 mm x 3000 mm x 3450 mm
Transport with pre screen l x w x h (mm)	14875 mm x 3000 mm x 3450 mm
Transport l x w x h (mm) with pre screen and 3-deck after screen	18900 mm x 3000 mm x 3450 mm

LEGENDA	
•	applicable - available
/	not applicable- not available





