

METRIC



The H7e cone crusher is a complete mobile production plant. Standard equipped with a 2-deck pre screen and it can additional be equipped with a 3-deck after screen making it unique on the market.

Standard equipped with 2 deck pre-screen

Optional 3-deck after screen

Filling level and capacity control by ultrasonic sensor

324
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

- ZERO drive, can be powered via mains or generator
- Proven pressurized cone technology with automatic release system, rotational indication & slip control of cone drive & overload protection
- Constant Liner Performance

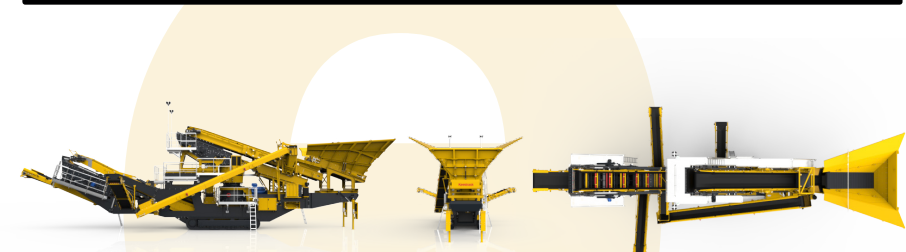
TECHNICAL SPECIFICATIONS	
Capacity up to	415 t
Weight	2-loads 60 t & 21,3 t
Weight incl. triple deck after screen	2-loads 68 t & 22 t
Feed size up to	250 mm
Hopper	•
Feed hopper in HB450	8 m³
Hydraulic foldable hopper walls	•
Loading height	3710 mm, 2500 mm open rear wall
	Loading width (back) 4120 mm
	Side loading length 3500 mm
	Wear lining HB 450 welded
	•
Hopper load release system	•
Standard Apron Feeder & belt feeder from apron to pre-screen with extra electro magnet	3560 mm x 1300 mm
Apron feeder l x w	•
Standard belt feeder with metal detector	3000 mm x 1500 mm
Belt feeder l x w	2400 mm x 1500 mm
Pre screen with fines stockpile conveyor, l x w (discharge height)	4340 mm x 650 mm (3250 mm)
Cone Crusher	
Weight of cone crusher	20,3 t
Maximum feed size up to	250 mm
C.S.S. min. - max.	16 - 48 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	12440 mm x 1200 mm (4950 mm)
Track-unit: Length, total width, track shoe width in mm	4166, 2995, 500
2-speed track drive	0,5 km/h and 0,8 km/h
Drop-off engine	ZERO drive
Engine unit(s), indication, sometimes more optional engines	Plug in from grid or Gen set min. 550 kVA
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	•
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 4640 mm x 1800 mm
	Middle deck 4500 mm x 1800 mm
	Bottom deck, l x w 4500 mm x 1800 mm
Screen media after screen	Wire mesh / square mesh
Oversize conveyor, l x w (discharge height)	2850 mm x 500 mm (3210 mm)
Recycling conveyor	10835 mm x 650 mm
Under feeder, conveyor oversize fraction, l x w	3710 mm x 650 mm
Middle fraction fines stockpile conveyor, l x w (discharge height) - left side	5920 mm x 650 mm (3450 mm)
Middle fraction coarse stockpile conveyor, l x w (discharge height) - right side	5920 mm x 650 mm (3450 mm)
Fines conveyor, l x w (discharge height)	6800 mm x 1300 mm (4160 mm)
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 (mm)	20415 mm x 3027 mm x 3838 mm
2nd load l x w x h (mm)	12890 mm x 2795 mm x 2945 mm
Transport l x w x h (mm) with 3-deck after screen	22544 mm x 3100 mm x 3890 mm
2nd load l x w x h (mm)	14563 mm x 2600 mm x 2782 mm

LEGENDA	
•	applicable - available
/	not applicable- not available



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IMPERIAL



The H7e cone crusher is a complete mobile production plant. Standard equipped with a 2-deck pre screen and it can additional be equipped with a 3-deck after screen making it unique on the market.

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Optional 3-deck after screen

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Filling level and capacity
control by ultrasonic sensor

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Production of aggregates for asphalt, concrete etc.
And others

TECHNICAL SPECIFICATIONS	
Capacity up to	457 sT
Weight	66 sT & 23 sT
Weight incl. triple deck after screen	74 sT & 25 sT
Feed size up to	10"
Hopper	•
Feed hopper in HB450	9 yard ³
Hydraulic foldable hopper walls	•
Loading height	12'2", 8'2" open rear wall
	Loading width (back) 13'6"
	Side loading length 11'6"
	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	11'8" x 4'3"
Standard belt feeder with metal detector	/
Belt feeder l x w	/
Pre screen with fines stockpile conveyor, l x w (discharge height)	/
Cone Crusher	
Weight of cone crusher	22,4 sT
Maximum feed size up to	10"
C.S.S. min. - max.	0,6 - 1,8"
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" (16'3")
Track-unit: Length, total width, track shoe width	13'8", 9'10", 1'8"
2-speed track drive	0,3 and 0,5 mph
Drop-off engine	ZERO drive
Engine unit(s), indication, sometimes more optional engines	Plug in from grid or Gen set min. 550 kVA
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	•
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 1'8" (10'6")
Recycling conveyor	35'7" x 2'2"
Under feeder, conveyor oversize fraction, l x w	12'2" x 2'1"
Middle fraction fines stockpile conveyor, l x w (discharge height) - left side	19'5" x 2'1" (11'4")
Middle fraction coarse stockpile conveyor, l x w (discharge height) - right side	19'5" x 2'1" (11'4")
Fines conveyor, l x w (discharge height)	22'3" x 4'3" (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	67' x 9'11" x 12'7"
2nd load l x w x h	24'3" x 9'2" x 9'8"
Transport l x w x h with 3-deck after screen	74' x 10'2" x 12'9"
2nd load l x w x h	47'10" x 8'6" x 9'2"

LEGENDA	
•	applicable - available
/	not applicable- not available

