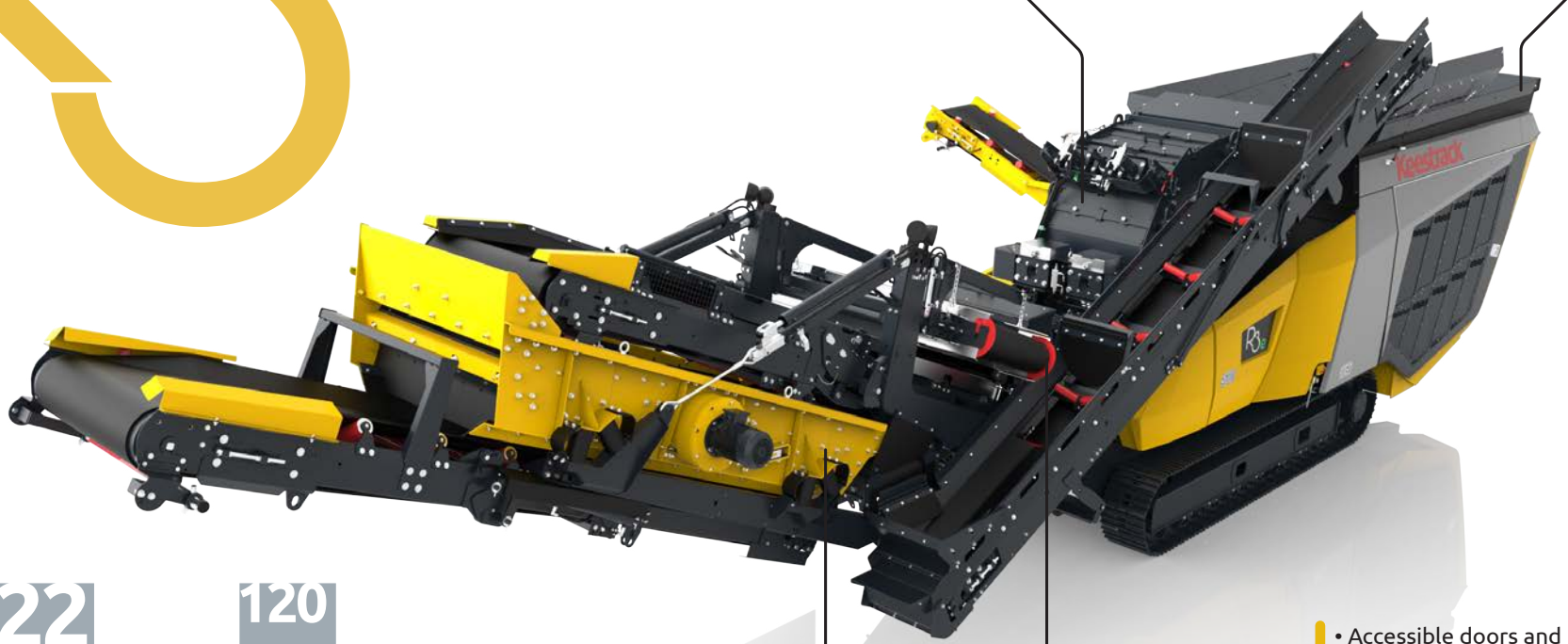
R3

Its award winning ground breaking design and innovative technology, like the sustainable zero-emission plug-in electric drive system, high safety standards and the powerful and functional design makes this compact impactor a winner in its class.



28 l/h
Diesel-hydraulic

22 l/h
Diesel-electric

120 kWh
Electric plug-in mains

Applications

- Limestone and many other low and medium abrasive natural rock
- Concrete and landfill recycling
- Primary and secondary crushing
- Yard clean up
- Construction & Demolition waste
- Quarrying and mining
- Gravel
- Asphalt
- Coal
- And others

- Accessible doors and panels on all sides of the machines for maintenance and repair
- Pre-screening via crusher bypass or stockpiled
- All drive drums and return drums of belt conveyors are greased for life

Keestrack

TECHNICAL SPECIFICATIONS	
Capacity up to	250 t
Weight	27,5 t
Weight incl. single deck after screen	30 t
Weight incl. double deck after screen	33,2
Inlet opening	770 x 960 mm
Hopper	3,5 m³
Feed hopper in HB450 and wear lining in HB 450 & 500	•
Hydraulic foldable hopper walls	/
Loading height	3200 mm
Loading width (back)	2400 mm
Side loading length	3450 mm right, 2750 mm left
Wear lining	HB 450 welded/ HB 500 bottom
Vibrating feeder with pre-screen, l x w	3700 mm x 920 mm
Pre-screen scalper, l x w	1200 mm x 920 mm
Screened fraction either in crusher bypass or separately stockpiled (option)	•
Vibrating feeder, l x w	n/a
Independent vibrating Double Deck pre-screen	n/a
Double deck pre-screen, l x w top deck	n/a
Double deck pre-screen, l x w bottom deck	n/a
Under screen conveyor: Reversible, to crusher bypass or to side conveyor	/
Fine fraction either in crusher bypass or separately stockpiled (option)	n/a
Intermediate fraction in crusher bypass	n/a
Intermediate fraction either in crusher bypass or separately stockpiled (option)	n/a
Turnable heavy duty bar for edge protection in inlet	•
Impact Crusher	
Weight of impact crusher (excl. milling beam)	8,5 t
Inlet opening	770 x 960 mm
Rotor width	920 mm
Rotor diameter	1100 mm
Rotor weight (excl. Bearings)	3,2 t
Impact aprons	2 pcs
Hydraulic release system inlet area via remote control	•
Hydraulic setting of aprons, turning spindle for fixation of the back stop. Spring force adjustments and shimming plates fixation"	•
Standard access to crusher house	right side
Vibrating discharge feeder (l x w)	/
Main conveyor belt (l x w) & (discharge height)	8100 mm x 1000 mm (3310 mm)
Main conveyor belt height adjustable at discharge and lowerable mechanism	•
Main conveyor hydraulic foldable for transport	•
Track-unit: Length, total width, track shoe width	3310, 2300, 400 mm
2-speed track drive	1,1 km/h and 2 km/h
Drop-off engine	/
Engine unit(s), indication, sometimes more optional engines	202 kW @ 1500 RPM, 222 kW @1800 RPM
Control	PLC – IP 67 LCD screen 7" & 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	•
Patented tilting chassis for increased maintenance access and to increase feed capacity if needed	/
Available drive systems	
Diesel/hydraulic drive	•
Rotor direct driven by engine, electric driven components	/
e-drive Diesel/hybrid, electric plug-in & plug-out	•
ZERO drive (no combustion engine, plug-in electric)	•

OPTIONS

Feeding , pre-screen & crushing	
Hopper extensions	5 m³
Screen media pre-screen	Range of punched plates, screen plates and Zig zag-shaped or blind plate
Stockpiling Side belt conveyor from pre-screen l x w (discharge height)	3900 x 500 mm (2595 mm)
Milling beam	•
Deviation plates	•
Several quality blow bars	•
Swiveling arm and hoist to change blow bars	•
Frequency inverter for crusher drive on e-version	•
After screen	
Single deck after screen: l x w, incl oversize, recycling and fines conveyor	3100 x 1400 mm
Oversize stockpile conveyor l x w (discharge height)	4400 x 500 mm (2520 mm)
2- deck after screen: incl oversize, recycling and fines 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	3100 x 1400 mm
Bottom deck, l x w	3100 x 1400 mm
Screen media after screen	Wire mesh / square mesh / Harp screen
Middle fraction stockpile conveyor, l x w (discharge height)	6000 x 500 mm (3036 mm)
Fines conveyor, l x w (discharge height)	4200 x 1000 mm (3100 mm)
Swiveling recycling conveyor can be used as recycling conveyor (closed circuit) / stockpile conveyor oversize fraction (hydraulic foldable)	/
Walkways besides the screen box	/
Other options	
Wheeled dolly	/
Dust suppression system at crusher inlet and outlet or at end of main and fines conveyor	•
Height adjustable magnet separator on main conveyor	•
Wind sifter (air knife) for oversize fraction	•
Dust cover main conveyor / fines conveyor	/
Volumetric belt scale	•
Radio remote, several options	•
Fuel filling pump	•
Central greasing system	•
Working lights	•
Telematics system UMTS/GPS	•
Heating system for engine	•
Lifting eyes	•

TRANSPORT	
Transport l x w x h (mm)	10000 x 2550 x 3200 mm
Transport l x w x h (mm) 1-deck	12900 x 2550 x 3200 mm
Transport l x w x h (mm) 2-deck	13260 x 2550 x 3200 mm

LEGENDA	
•	applicable - available
/	not applicable- not available





