R5

Reliable and compact, transportable with double deck after screen in one piece, easy to set-up without any support legs and highly productive in recycling, aggregates production, quarrying and mining. **The R5e with plug in and plug out functionality, drop off engine/gen set and double deck after screen.**



40 l/h
Diesel-hydraulic

35 l/h
Diesel-electric

180 kWh
Electric plug-in mains

Applications

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

- Independent 2-deck pre screen for better crushing capacities and less wear
- Rotor design with high mass of inertia and blow bars designed for a longer lifetime
- Patented tilting chassis
- Transport with Dolly system possible
- Under screen conveyor to prevent material build up under the pre screen

Keestrack

TECHNICAL SPECIFICATIONS	
Capacity up to	400 t
Weight	45,5 t
Weight incl. single deck after screen	/
Weight incl. double deck after screen	50 t
Inlet opening	800 x 1050 mm
Hopper	5 m³
Feed hopper in HB450 and wear lining in HB 450 & 500	•
Hydraulic foldable hopper walls	• (left & right)
Loading height	3375 mm rear, 3691 mm sides
Loading width (back)	2900 mm
Side loading length	3800 mm right , 3000 mm left
Wear lining	HB 450 welded/ HB 500 return conveyor discharge & bottom
Vibrating feeder with pre-screen, l x w	n/a
Pre-screen scalper, l x w	n/a
Screened fraction either in crusher bypass or separately stockpiled (option)	n/a
Vibrating feeder, l x w	2200 mm x 1000 mm
Independent vibrating Double Deck pre-screen	•
Double deck pre-screen, l x w top deck	2200 mm x 1000 mm
Double deck pre-screen, l x w bottom deck	1800 x 1000 mm
Under screen conveyor: Reversible, to crusher bypass or to side conveyor	1750 x 800 mm
Fine fraction either in crusher bypass or separately stockpiled (option)	•
Intermediate fraction in crusher bypass	•
Intermediate fraction either in crusher bypass or separately stockpiled (option)	•
Turnable heavy duty bar for edge protection in inlet	•
Impact Crusher	
Weight of impact crusher (excl. milling beam)	12,5 t
Inlet opening	800 x 1050 mm
Rotor width	1000 mm
Rotor diameter	1260 mm
Rotor weight (excl. Bearings)	5,1 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	left side
Vibrating discharge feeder (l x w)	3180 mm x 1130 mm
Main conveyor belt (l x w) & (discharge height)	9270 mm x 1200 mm (4390 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	4130, 2700, 450 mm
2-speed track drive	1,1 km/h and 2 km/h
Drop-off engine	•
Engine unit(s), indication, sometimes more optional engines	352 kW @ 1500 RPM, 382 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	9m³
Screen media pre-screen	Range of punched plates, screen plates and Zig zag-shaped or blind plate, wire mesh bottom deck
Stockpiling Side belt conveyor from pre-screen l x w (discharge height)	4340 x 650 mm (2900 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	n/a
Oversize stockpile conveyor l x w (discharge height)	n/a
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	4760 x 1500 mm
Bottom deck, l x w	4600 x 1500 mm
Screen media after screen	Wire mesh / square mesh / Harp screen
Middle fraction stockpile conveyor, l x w (discharge height)	6400 x 650 mm (3268 mm)
Fines conveyor, l x w (discharge height)	6800 x 1200 mm (4100 mm)
Swiveling recycling conveyor can be used as recycling conveyor (closed circuit) / stockpile conveyor oversize fraction (hydraulic foldable)	•
Walkways besides the screen box	left & right
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)	16375 x 3000 x 3600 mm
Transport l x w x h (mm) 1-deck	/
Transport l x w x h (mm) 2-deck	17200 x 3000 x 3600 mm

LEGENDA	
•	applicable - available
/	not applicable- not available





