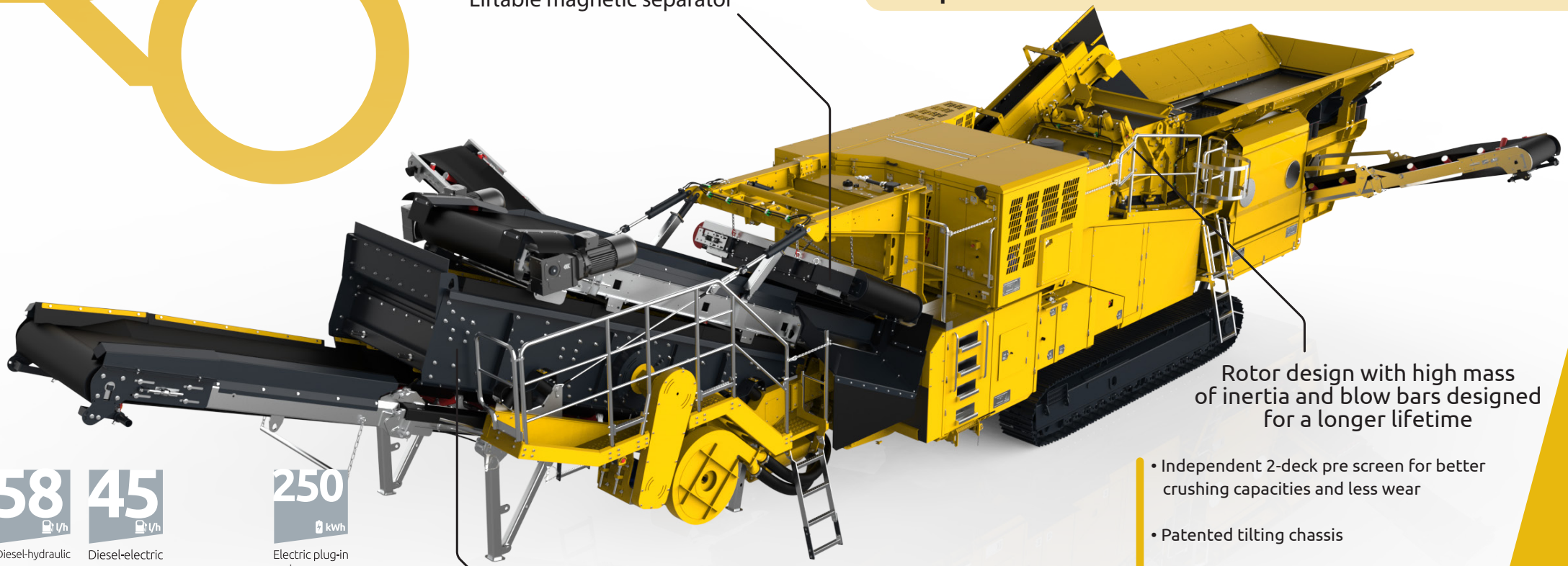
R6

Proven heavy duty impactor, with double deck after screen transportable in one piece, easy to set-up without support legs and highly productive in recycling , aggregates production, quarrying and mining. **The full electric plug-in version can produce at zero carbon footprint.**



58 l/h
Diesel-hydraulic

45 l/h
Diesel-electric

250 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

METRIC

- Independent 2-deck pre screen for better crushing capacities and less wear
- Patented tilting chassis
- Transport with Dolly system possible
- All drive drums and return drums of belt conveyors are greased for life
- Under screen conveyor to prevent material build up under the pre screen

Keestrack

TECHNICAL SPECIFICATIONS	
Capacity up to	520 t
Weight	51 t
Weight incl. single deck after screen	/
Weight incl. double deck after screen	62 t
Inlet opening	970 x 1300 mm
Hopper	7 m³
Feed hopper in HB450 and wear lining in HB 450 & 500	•
Hydraulic foldable hopper walls	• (left & right)
Loading height	3670 right, 3870 left
Loading width (back)	2800 mm
Side loading length	4950 mm
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	2400 x 1250 mm
Independent vibrating Double Deck pre-screen	•
Double deck pre-screen, l x w top deck	3100 x 1250 mm
Double deck pre-screen, l x w bottom deck	2710 x 1250 mm
Under screen conveyor: Reversible, to crusher bypass or to side conveyor	2850 x 1000 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)	17,2 t
Inlet opening	970 x 1300 mm
Rotor width	1250 mm
Rotor diameter	1267 mm
Rotor weight (excl. Bearings)	6,1 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 1300 mm
Main conveyor belt (l x w) & (discharge height)	8500 x 1400 mm (4100 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	4300, 2850, 500 mm
2-speed track drive	0,72 km/h and 1,27 km/h
Drop-off engine	/
Engine unit(s), indication, sometimes more optional engines	423 kW @ 1500 RPM, 447 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	• (special key system not available)
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)	5000 x 800 mm (3150 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	4500 x 1500 mm
Bottom deck, l x w	4500 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)	16700 x 3000 x 3670 mm
Transport l x w x h (mm) 1-deck	/
Transport l x w x h (mm) 2-deck	17800 x 3200 x 3670 mm

METRIC

LEGENDA	
•	applicable - available
/	not applicable- not available

R6

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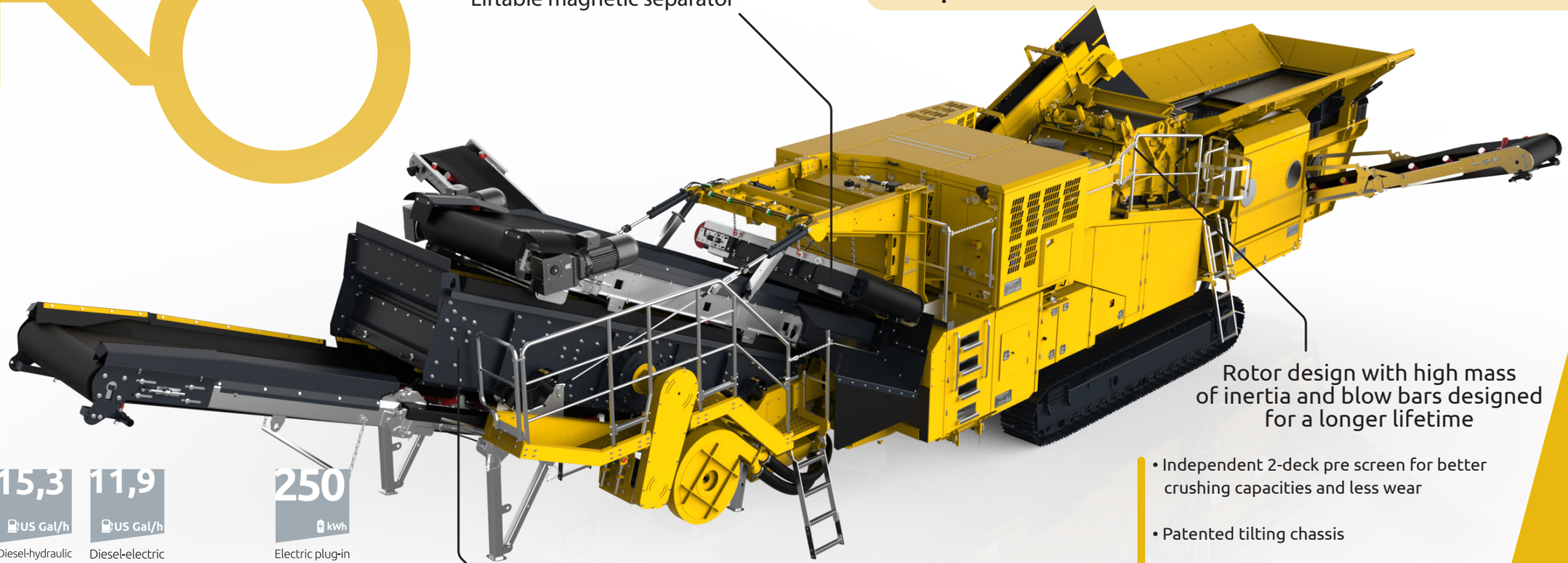

- Independent 2-deck pre screen for better crushing capacities and less wear
- Patented tilting chassis
- Transport with Dolly system possible
- All drive drums and return drums of belt conveyors are greased for life
- Under screen conveyor to prevent material build up under the pre screen

15,3 US Gal/h	11,9 US Gal/h	250 kWh
Diesel-hydraulic	Diesel-electric	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

IMPERIAL

Keestrack

TECHNICAL SPECIFICATIONS	
Capacity up to	570 sT
Weight	56 sT
Weight incl. single deck after screen	/
Weight incl. double deck after screen	68 sT
Inlet opening	38" x 51"
Hopper	8,75 yard³
Feed hopper in HB450 and wear lining in HB 450 & 500	•
Hydraulic foldable hopper walls	• (left & right)
Loading height	12'1" right, 12'8" left
Loading width (back)	9'2"
Side loading length	16'3"
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	7'10" x 4'1"
Independent vibrating Double Deck pre-screen	•
Double deck pre-screen, l x w top deck	10'2"x 4'1"
Double deck pre-screen, l x w bottom deck	8'11" x 4'1"
Under screen conveyor: Reversible, to crusher bypass or to side conveyor	9'4" x 3'4"
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)	18,9 sT
Inlet opening	2'11" x 4'3"
Rotor width	4'1"
Rotor diameter	4'2"
Rotor weight (excl. Bearings)	6,7 sT
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)	10'5" x 4'3"
Main conveyor belt (l x w) & (discharge height)	27'11" x 4'7" (13'5")
Main conveyor belt height adjustable at discharge and lowerable mechanism	/
Main conveyor hydraulic foldable for transport	/
Track-unit: Length, total width, track shoe width	14'1", 9', 1'8"
2-speed track drive	0,5 and 0,8 mph
Drop-off engine	/
Engine unit(s), indication, sometimes more optional engines	423 kW @ 1500 RPM, 447 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	• (special key system not available)
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	12 yard³
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)	16'5" x 2'7" (10'4")
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	14'9" x 5'
Bottom deck, l x w	14'9" x 5'
Screen media after screen	Wire mesh / square mesh / Harp screen
Middle fraction stockpile conveyor, l x w (discharge height)	26'10" x 2'2" 5 10'6")
Fines conveyor, l x w (discharge height)	22'4" x 3'11" (13'5")
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	54'9" x 9'10" x 12'
Transport l x w x h 1-deck	/
Transport l x w x h 2-deck	58'5" x 10'6" x 12'

IMPERIAL

LEGENDA	
•	applicable - available
/	not applicable- not available