# I4e

**The new Keestrack I4e tracked mobile reversible impact crusher can sustainable recycle the best quality end products at the lowest production costs with ZERO carbon emission due to plug-in functionality.** Thanks to the innovative RIC (Reversible Impact Crusher) technology, this machine can be used very flexible in secondary and tertiary crushing of rock and recycling building materials (e.g. Sand & Asphalt).

Unique designed crushing chamber with 4 patents and which can produce a high spec cubical product with final product sizes down to 0/2 mm

Hydraulic folding hopper of HB 450 steel

30 l/h
Diesel-electric

120 kWh
Electric plug-in mains

## Applications

- Secondary and tertiary crushing
- Aggregates
- Natural rock
- Oversized gravel
- Production of sand
- Asphalt
- Concrete
- Construction & Demolition waste
- Steel slag
- Glass recycling
- Aerated concrete
- And others

**METRIC**

Doors and panels on all sides of the machines for maintenance and repair & easy accessible crushing chamber

- Superior level of surface treatment
- Secondary and teriary crushing in one machine
- Full electric plug-in drive, backed up by Drop off engine/gen set compartment
- High reduction ratio

Keestrack

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Capacity up to (Icon) | 250 t |
| Weight | 42 t |
| Weight (Icon) incl. single deck afterscreen | 46 t |
| Weight (Icon) incl. double deck afterscreen | / |
| Inlet opening (Icon) | 250 - 450 (adjustable) x 670 mm |
| Hopper | 6,5 m³ |
| Feed hopper in HB450 and wear lining in HB 450 & 500 | • |
| Hydraulic foldable hopper walls | |
| Loading height | 4000 mm / 3250 mm or 2850 mm (open rear wall) |
| Loading width (back) | 3600 mm |
| Side loading length | 4100 mm |
| Wear lining | HB 450 |
| | |
| Plate apron feeder, length x width | 3150 x 1000 mm |
| Reversible belt feeder including metal detector | 2550 x 800 mm |
| Stockpile belt conveyor from reversible belt feeder (l x w) & (discharge height) | 3900 x 500 mm (2550 mm) |
| Reversible Impact Crusher | |
| Weight of Reversible Impact Crusher | 11 t |
| Inlet opening | 250 - 450 (adjustable) x 670 mm |
| Rotor width | 650 mm |
| Rotor diameter | 1100 mm |
| Rotor weight (excl. Bearings) | 2,9 t |
| Impact aprons | 2 pcs |
| Standard access to crusher house | right |
| | |
| Vibrating discharge feeder (l x w) | 2200 x 810 mm |
| Main conveyor belt (l x w) & (discharge height) | 6500 x 1000 mm (3320 mm) |
| Track-unit: Length, total width, track shoe width | 3969, 2400, 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" |
| 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 | / |
| 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) | • |

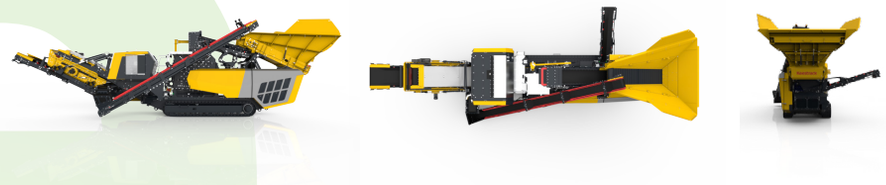
METRIC

# OPTIONS

| Feeding & crushing | |
|---|---|
| Hopper extensions | • |
| Several quality blow bars | • |
| Swivelling arm and hoist to change blowbars | • |
| Frequency inverter on crusher | • |
| **After screen** | |
| Single deck after screen: l x w, incl oversize, recycling and fines conveyor | • |
| Screen box, l x w | 3100 x 1400 mm |
| Screen media after screen | Wire mesh / square mesh / Harp screen |
| Recycling conveyor (hydraulic foldable) | 8966 x 500 mm |
| Fines conveyor, l x w (discharge height) | 4200 x 1000 mm (3100 mm) |
| Walkways besides the screenbox | / |
| | |
| **Other options** | |
| Dust suppression system at crusher inlet and outlet or at end of main and fines conveyor | / |
| Volumetric belt scale | • |
| Radio remote, several options | • |
| Fuel filling pump | • |
| Working lights | • |
| Keestrack-er Telematics system UMTS/GPS | • |
| Heating system for engine | • |
| Lifting eyes | • |
| Lubricated track chains | • |

| TRANSPORT | |
|---|---|
| Transport l x w x h (mm) | 14350 mm x 3000 mm x 3290 mm |
| Transport l x w x h (mm) 1-deck | 15270 mm x 3000 mm x 3290 mm |

| LEGENDA | |
|---|---|
| • | applicable - available |
| / | not applicable- not available |



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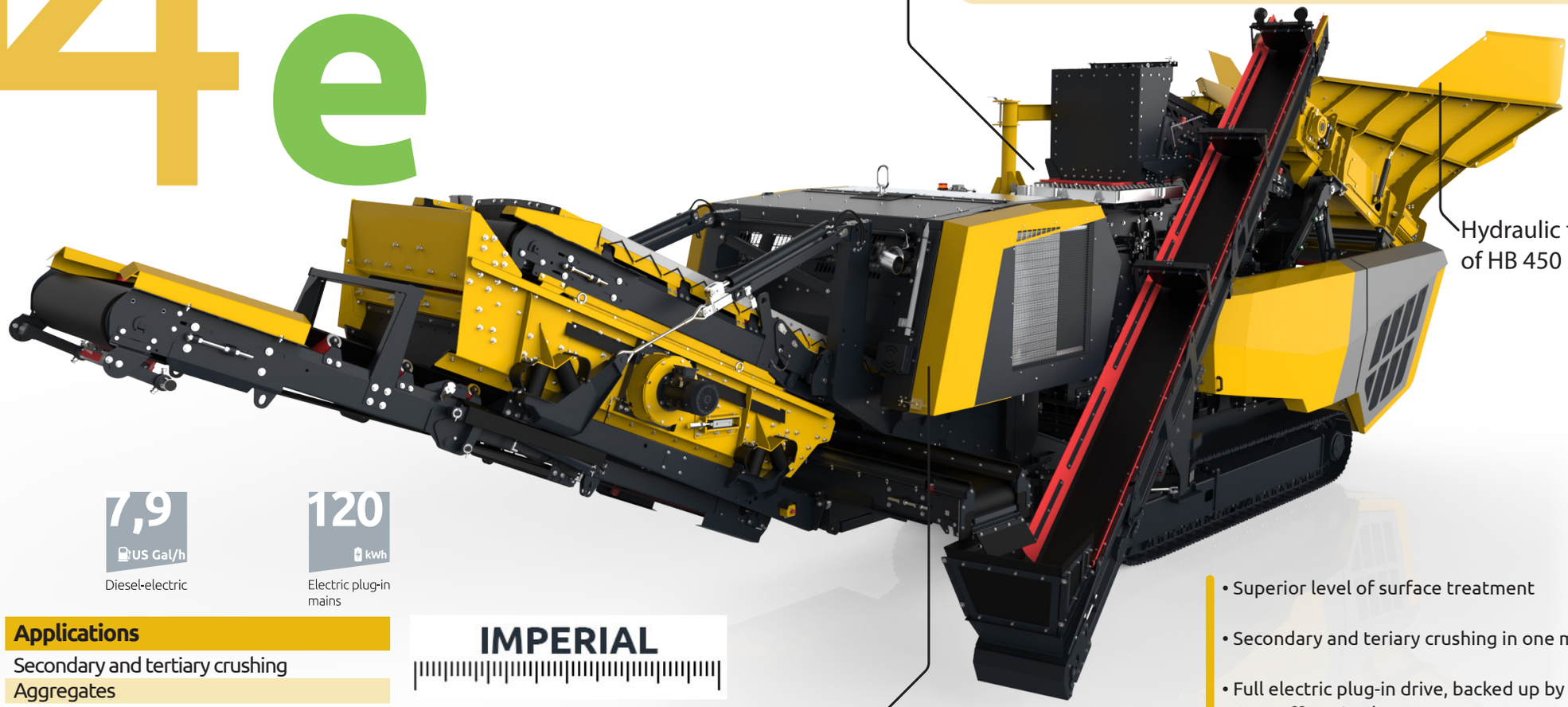

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120 kWh
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IMPERIAL

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- Full electric plug-in drive, backed up by Drop off engine/gen set compartment
- High reduction ratio

Keestrack

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Capacity up to | 275 sT |
| Weight | 46 sT |
| Weight incl. single deck afterscreen | 50 sT |
| Weight incl. double deck afterscreen | / |
| Inlet opening | 250 - 450 (adjustable) x 670 mm |
| Hopper | 8,25 yard³ |
| Feed hopper in HB450 and wear lining in HB 450 & 500 | • |
| Hydraulic foldable hopper walls | |
| Loading height | 13'1", 10'8" or 9'4" (open rear wall) |
| Loading width (back) | 12" |
| Side loading length | 13'5" |
| Wear lining | HB 450 |
| | |
| Plate apron feeder, length x width | 10'4" x 3'3" |
| Reversible belt feeder including metal detector | 7'5" x 2'8" |
| Stockpile belt conveyor from reversible belt feeder (l x w) & (discharge height) | 13' x 1'8" ( 8'4") |
| Reversible Impact Crusher | |
| Weight of Reversible Impact Crusher | 12 sT |
| Inlet opening | 250 - 450 (adjustable) x 670 mm |
| Rotor width | 2'2" |
| Rotor diameter | 3'7" |
| Rotor weight (excl. Bearings) | 3 sT |
| Impact aprons | 2 pcs |
| Standard access to crusher house | right |
| | |
| Vibrating discharge feeder (l x w) | 7'3" x 2'8" |
| Main conveyor belt (l x w) & (discharge height) | 21'4" x 3'3" (10'11") |
| Track-unit: Length, total width, track shoe width | 13', 7'10" , 1'6" |
| 2-speed track drive | (0,7 and 1,2 mph) |
| 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" |
| 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 | • |
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| Available drive systems | |
| Diesel/hydraulic drive | / |
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| Hopper extensions | • |
| Several quality blow bars | • |
| Swivelling arm and hoist to change blowbars | • |
| Frequency inverter on crusher | • |
| **After screen** | |
| Single deck after screen: l x w, incl oversize, recycling and fines conveyor | • |
| Screen box, l x w | 10'2" x 4'8" |
| Screen media after screen | Wire mesh / square mesh / Harp screen |
| Recycling conveyor (hydraulic foldable) | 29'5" x 1'8" |
| Fines conveyor, l x w (discharge height) | 13'9" x 3'3" (10'2") |
| Walkways besides the screenbox | / |
| | |
| **Other options** | |
| Dust suppression system at crusher inlet and outlet or at end of main and fines conveyor | / |
| Volumetric belt scale | • |
| Radio remote, several options | • |
| Fuel filling pump | • |
| Working lights | • |
| Keestrack-er Telematics system UMTS/GPS | • |
| Heating system for engine | • |
| Lifting eyes | • |
| Lubricated track chains | • |

| TRANSPORT | |
|---|---|
| Transport l x w x h | 47'1" x 9'11" x 10'10" |
| Transport l x w x h 1-deck | 50'1" x 9'11" x 10'10" |

| LEGENDA | |
|---|---|
| • | applicable - available |
| / | not applicable- not available |

IMPERIAL