



# KEESTRACK I4e

## REVERSIBLE IMPACTOR



### REVERSIBLE IMPACT CRUSHER

Inlet Opening	250-450mm (adjustable) x 670mm (H x W)
Impact Weight	11000kg
Rotor Width/Dia.	650mm x 1100mm
Drive	Diesel engine, alternator, E-motor 160 kW; V-belts
Rotor Speed	ENU 1500 R.P.M.; 50 Hz: 38,2m/s
Pulley dia.	Rotor 710mm, motor 400mm
Rotor Weight	2900kg
Throughput	50tph up to 250tph
Impact aprons	2 pcs
Crane	for changing blow bars (without hoist)

### ENGINE UNIT "DROP-OFF"

Type	Cummins X12
Power ISO 14396	352kW/1500rpm
Max Torque	2240 Nm @ 1500rpm
Bore Hole/Stroke	132mm x 144mm
Voltage	24 Volt
Cooling	Combi (water/air) with fan ø 800 mm m
Fuel Tank	425 Litres stainless steel
Drive Crusher	Engine – alternator – E-motor – v-belt drive for crusher direct drive
Alternator	400V
Power plug in	For drive of the crusher from external power sources; 3 phase, 400V, 50Hz, 325kVA
Power plug out	For the supply of external machines; 2 x sockets 125A, 3 phase, 400V, 50Hz

### FEED HOPPER

Capacity	6.5m <sup>3</sup> water level 8.5m <sup>3</sup> cumulative
Design	Wear resistant steel HB 450
Feeding height	4000mm
Feeding width	3600mm
Feeding length	4100mm
All three hopper walls hydraulically foldable	

### SINGLE DECK SCREEN (Optional with OSR, RUB, FCO)

Width x length	1400mm x 3100mm without feeding tray
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### PLATE APRON FEEDER

Axle distance	3150mm
Belt width	1000mm (feeding width 800mm)
Drive	E-gear motor 4kw@50 Hz

### REVERSIBLE BELT FEEDER

Axle distance	2550mm
Belt width	800mm
Drive	E-gear motor 2.2kw; reversible for fully automatic ejection of identified FE metals
Metal detector	System EGE 3000 w. MDV amplifier
Crusher inlet chute	Hyd. foldable for transport
For transport	Hyd. Swivel able with ball slewing ring

### DISCHARGE VIBRATING FEEDER

Axle distance	2200mm
Belt width	810mm
Drive	2 unbalanced E-motor 2.5kw each
Inclination	7°
Dust sealing	Trellex system
Service	Hyd. Lowerable & removable back wall

### CONVEYORS

#### Main Conveyor

Length AD x Width BW	6500mm x 1000mm
Discharge Height	3320mm
Stockpile Volume	115 ton approximately; 37° angle of repose
Belt Speed	1.2m/s
Inclination	25°
Drive	E-drum motor 7.5kW
Tail Drum	Rod drum for avoiding material jamming

#### Stockpile Conveyor

Axle distance	3900mm
Belt Width	500mm
Discharge height	2550mm
Drive	E-drum motor 4kW; 1,5 m/s

### TRANSPORT DIMENSIONS (without screen)

Length	15270mm
Width	3000mm
Height	3290mm
Weight	37,200kg (approximately)