



# KEESTRACK R2

## IMPACTOR

### IMPACT CRUSHER

47 ICR 100-00	
Inlet Opening	700mm x 860mm (H x W)
Impact Weight	6900kg
Rotor Width/Dia.	840mm x 920mm
Drive	Direct via hydrostatic hydraulic drive (pump 125 cm <sup>3</sup> + motor 100 cm <sup>3</sup> closed circuit) and V-belts
Rotor Speed	635rpm (30m/s @ 1800rpm)
Rotor Weight	2100kg (without bearings)
Throughput	60tph up to 150tph

### FEED HOPPER

3m <sup>3</sup> Capacity	
Design	Wear resistant steel HB 450 with HB 500 wear lining BOTTOM
Feeding	2970mm (H) x 2300mm (W) 3200mm (LSL), 3650mm (RSL)

### VIBRATING SCALPER FEEDER with punched plate

Feeder/ Scalper	3300mm (L) x 810mm (W)
Length pre-screen	1250mm
Punched Plate	Opening 15mm—max. 70mm hex or z-shaped aperture
Drive	7.5kW Hydraulic Motor -Tooth Belt; 800 – 1050rpm

### POWER UNIT

Drive	Diesel/Hydraulic
Type	Deutz TCD 5.2 L4
Power ISO 14396	170kW/1800rpm
Max Torque	950Nm @ 1500rpm
Bore Hole/Stroke	110mm x 136mm
Voltage	24 Volt
Cooling	Combi (water/air with fan)
Fuel/Oil Tank	280 Litres / 220 Litres
Hydraulic Drives	LOAD SENSE pump 125ccm with PVG

### SINGLE DECK SCREEN

Built on single deck screen with OSR, RUB & FCO	
Length x Width	3040mm (without feeding tray) x 1200mm
Drive	Hydraulic 7.5kW

### CONVEYORS

#### Main Conveyor

Length AD x Width BW	7750mm x 1000mm
Discharge Height	3000mm
Stockpile Volume	85 ton approximately; 37° angle of repose
Belt Speed	1.6m/s
Inclination	25°
Drive	Hydraulic 15kW

Lowerable mechanically to change the belt for ease of service

#### Override Conveyor

Length AD x Width BW	1500mm x 500mm
Drive	Hydraulic 4kW

#### Recycling Conveyor

Length AD x Width BW	6400mm x 500mm
Drive	Hydraulic 5.5kW

Belt Speed Adjustable—standard 1.15m/s  
Hydraulic Folding for Transport

#### Fines Conveyor

Length AD x Width BW	3750mm x 1000mm
Discharge Height	3000mm
Belt Speed	1.6m/s
Inclination	25°
Drive	Hydraulic 7.5kW
Stockpile Volume	85 ton approximately
Transport/service	Not folded

### TRANSPORT

### WITH SCREEN

Length	13050mm
Width	2540mm
Height	3000mm
Weight (Approx)	24,880kg