



KEESTRACK R3h IMPACTOR



The Keestrack R3 Impactor is a highly productive impact crusher, fully equipped with afterscreen and return conveyor. Featuring compact transport dimensions, low fuel consumption and robust design for easy maintenance, repair and exchanging wear parts. The R3 is the ideal impactor unit for applications such as: as concrete and landfill recycling; primary and secondary crushing; yard clean up; construction waste; demolition; quarrying and mining; gravel; asphalt; coal; limestone and many other low and medium abrasive natural rock.

IMPACT CRUSHER

48 ICR 100-00	
Inlet Opening	770mm x 960mm (H x W)
Impact Weight	8450kg (without milling beam)
Rotor Width/Dia.	920mm x 1100mm
Drive	Direct via elastic coupling, v-belts, transmission gear & turbo clutch
Rotor Speed	709rpm (38.2m/s @ 1800rpm)
Rotor Weight	3200kg (without bearings)
Throughput	60tph up to 250tph

VIBRATING FEEDER with punched plate pre-screen	
Punched Plate	min. 15mm—max. 70mm hex or z-shaped aperture
Length x Width	3700mm x 920mm
Pre-Screen Length	1200mm
Drive	7.5kW Hydraulic Motor -Tooth Belt; 800 – 1050rpm

POWER UNIT

Drive	Diesel/Hydraulic
Type	Volvo TAD 754 GE Fixed Speed
Power ISO 14396	260kW/1800rpm
Max Torque	1596 Nm @ 1500rpm
Bore Hole/Stroke	108mm x 130mm
Voltage	24 Volt
Cooling	Combi (water/air/diesel/hydraulic)
Fuel/Oil Tank	400 Litres / 75 Litres
Hydraulic Drives	LOAD SENSE pump 130ccm with PVG

FEED HOPPER

3.5m ³ Capacity	
Hopperwall Plates	Wear resistant steel HB 450 with HB 500 wear lining
Feeding	3200mm (H) x 2400mm (W) 2750mm (LSL), 3450mm (RSL)

SINGLE DECK AFTER SCREEN

49 SCR -100-00	
Length x Width	3100mm (without feeding tray) x 1400mm
Drive	Hydraulic 7.5kW

CONVEYORS

Main Conveyor	
Length AD x Width BW	8100mm x 1000mm
Discharge Height	3220mm
Stockpile Volume	85 ton approximately; 37° angle of repose
Belt Speed	Adjustable—standard 1.6m/s
Inclination	25°
Drive	Hydraulic 15kW

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

Recycling Conveyor	
Length AD x Width BW	6500mm x 500mm
Drive	Hydraulic 5.5kW
Belt Speed	Adjustable—standard 1.15m/s
Hydraulic Folding for Transport	

Fines Conveyor	
Length AD x Width BW	4200mm x 1000mm
Discharge Height	3100mm
Belt Speed	Adjustable—standard 1.15m/s
Inclination	25°
Drive	Hydraulic 7.5kW
Stockpile Volume	70 ton approximately
Hydraulic Folding for Transport	

TRANSPORT DIMENSIONS

Length	12900mm
Width	2540mm
Height	3200mm
Weight	30,000kg (approximately)