



KEESTRACK C4

TRIPLE DECK CLASSIFIER



POWER UNIT

Drive Diesel/Hydraulic

Type	CAT C4.4
Engine Operation	4-stroke diesel direct injection, turbo charged
Power ISO 14396	85kW/1500rpm
Max Torque	546Nm @ 1500rpm
Engine Speed	1800rpm –low engine speed for low fuel consumption
Bore/Stroke	105mm/127mm
Total Displacement	4400cm ³
Fuel Tank	330 Litres
Starter	24 Volt for Improved Cold Start Properties
Alternator	28 Volt
Cooling	Water Cooling

FEED HOPPER WITH TIPPING GRID

Capacity	8.1m ³ Capacity
Construction	Wear resistant steel HB 450
Feeding Height	3060mm -3520mm (without grid 2400mm)
Lateral Loading Len.	4500mm
Grid Angle	Hydraulic adjustable 13,14,18,24 & 28°
Grid Opening	100mm; 122mm;135mm;150mm

TRIPLE DECK SCREENBOX

Length x Width	3600mm x 1500mm
Screen Area	3 x 5.4m ²
Screen	Steel wire 2pcs. End tensioned
Drive	Hydraulic 15kW
Walkway	LHS & RHS, Lateral 600mm width Hydraulic Folding for transport

BELT FEEDER

Axle Distance	3467mm
Belt Width	1200mm
Feed Capacity	up to 300tph
Variable Speed	0-6.1m/min (fully adjustable)
Drive	Hydraulic with gearbox 7.5kW

CONVEYORS

Main Belt

Length x Width	8600mm x 1200mm
Drive	Hydraulic 15kW

Underscreen (Fine fraction)

Length x Width	6790mm x 1200mm
Drive	Hydraulic 7.5kW
Stockpile Volume	210ton approximately ($\gamma=1,7$; 37° angle of repose)
Hydraulic Folding for Transport	

Stockpile Belt Left (Middle Fine Fraction)

Length x Width	8500mm x 650mm
Stockpile Volume	240 ton approximately ($\gamma=1,7$; 37° angle of repose)
Drive	Hydraulic 7.5kW
Hydraulic Folding for Transport	

Stockpile Belt Right (Middle Fraction Coarse)

Length x Width	8500mm x 650mm
Stockpile Volume	240 ton approximately ($\gamma=1,7$; 37° angle of repose)
Drive	Hydraulic 7.5kW
Hydraulic Folding for Transport	

Stockpile Belt Left (Coarse Fraction)

Length x Width	6560mm x 650mm
Stockpile Volume	165 ton approximately ($\gamma=1,7$; 37° angle of repose)
Drive	Hydraulic 7.5kW
Arrangement to frame	35-48 degrees, adjustable with spindle

TRACKS

Length	3310mm
Width track shoe	400mm
2 speeds	1,32km/h & 2,28km/h

DIMENSIONS

	Transport	Working
Length	13700mm	15900mm
Width	3058mm	14800mm
Height	3325mm	4240mm
Weight (approx.)	28000kg	