



KEESTRACK K5h

SCALPING SCREEN



POWER UNIT

Drive	Diesel/Hydraulic
Type	CAT 4.4
Engine Operation	4-stroke diesel direct injection, turbo charged, reduced emissions
Power ISO 14396	98kW/1800rpm
Max Torque	546Nm @ 1500rpm
Engine Speed	1800rpm – low engine speed for low fuel consumption
Bore/Stroke	105mm/127mm
Total Displacement	4400cm ³
Fuel Tank	280 Litres
Starter/Alternator	24 Volt / 28 Volt
Cooling	Water Cooling

HYDRAULICS

Hydraulic main pump	Variable flow, swash plate pump load sense open loop circuit
Max Flow	180 + 60 + 40 = 280 l/min

FEED HOPPER

Capacity	7m ³ (with hopper extension 9.5m)
Construction	Wear resistant steel HB 450
Loading Height/Width	from 2645mm / 2975mm
Lateral Loading Length	4200mm
All three hopper walls are hydraulic folding	

DOUBLE DECK SCREENBOX

Length x Width	5000mm x 1500mm
Top Deck Screen	Area 7,5m ² (3 + ½ pcs. side tensioned)
Bottom Deck Screen	Area 7,08m ² (2pcs. end tensioned)
Drive	Hydraulic 15kW
Inclinations	Screen box can be set hydraulically to 6 Inclinations (TD 11,5°, 13,3°, 14,0°, 14,8°, 16,5°, 17,1°)
Access Walkway	On both sides

PLATE APRON FEEDER

Axle Distance	3150mm
Plate Width	1120mm
Feed Capacity	up to 450tph
Full Adjustable Speed Drive	0-7.8m/min Hydraulic with gearbox 7.5kW

CONVEYORS

Underscreen

Length x Width	4200mm x 1200mm
Drive	Hydraulic 7.5kW
Belt	EP 400/3 4+2 Grade N1

Oversize Belt

Length x Width	5000mm x 1200mm
Stockpile Volume	90 ton approx. $\gamma=1,7$; 37° angle of repose
Drive	Hydraulic 8.3kW
Belt Speed	0-0.7m/s

Hydraulic Folding for Transport

Stockpile Belt Left (Fine Fraction)

Length x Width	8350mm x 900mm
Stockpile Volume	260 ton approx.; $\gamma=1,7$; 37° angle of repose
Drive	Hydraulic 11kW
Belt quality	EP 400/3 4+2 Grade Y

Hydraulic Folding for Transport

Stockpile Belt Right (Middle Fraction)

Length x Width	8280mm x 800mm
Stockpile Volume	170 ton approx.; $\gamma=1,7$; 37° angle of repose
Drive	Hydraulic 7.5kW speed adjustable
Belt quality	EP 400/3 3+1, 5 Chevron
Hydraulic Folding for Transport	

DIMENSIONS

	Transport	Working
Length	11296mm	14450mm
Width	2805mm	14010mm
Height	3330mm	4380mm
Weight (approx.)	28500kg	

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