



# KEESTRACK K3h

## SCALPING SCREEN



### POWER UNIT

Drive	Diesel / Hydraulic
Diesel Motor	Deutz TCD 2.9 L4 cylinder in line
Power acc.	55kW @ 1800RPM (to ISO 14396)
Max. Torque	300Nm @ 1600RPM
Total Displacement	2920cm <sup>3</sup>
Diesel Tank	280L
Fuel Consumption	6-8L/h approx.
Starter/Alternator	24 volt / 28 volt
Cooling	Water cooled
Engine Operation	4 stroke diesel direct injection

### FEED HOPPER

Content	4m <sup>3</sup>
Construction	Wear Resistant Steel HB450
Feed Height	min. 2410mm
Feed (W / L)	2820mm / 3380mm (lateral)
All three hopper walls are hydraulic folding	

### PLATE APRON FEEDER

Axle Distance	3150mm
Plate Width	1000mm
Feed Capacity	up to 250tph
Variable Speed	0 to 4.8m/min (fully adjustable)
Drive	Hydraulic with Gearbox 5kW

### DOUBLE DECK SCREEN

Length x Width	2700mm x 1200mm
Screen Area/Deck	3.24m <sup>2</sup> Top Deck (1pcs end tensioned) 3.24m <sup>2</sup> Bottom (2pcs end tensioned)
Drive	Hydraulic 7.5kW

### CONVEYORS

#### *Underscreen*

Length x Width	3000mm x 800mm
Drive	Hydraulic 4kW
Return drum	Life time lubricated
Belt	EP 400/3 4+2 Grade N1

#### *Main Belt*

Length x Width	5000mm x 1000mm
Drive	Hydraulic 8.3kW
Stockpile Volume	100 ton approx. (t; $\gamma=1,7$ ; 37° angle of repose)
Return drum	Life time lubricated
Hydraulic Folding for Transport	

#### *Stockpile Belt Left (fine fraction)*

Length x Width	7500mm x 650mm
Drive	Hydraulic 7.5kW
Stockpile Volume	150 ton approx. (t; $\gamma=1,7$ ; 37° angle of repose)
Hydraulic Folding for Transport	

#### *Stockpile Belt Right (middle fraction)*

Length x Width	7500mm x 650mm
Drive	Hydraulic 5.5kW
Stockpile Volume	130 ton approx. (t; $\gamma=1,7$ ; 37° angle of repose)
Hydraulic Folding for Transport	

### TRACKS

Length	2956mm
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### TRANSPORT DIMENSIONS

Length	9800mm
Width	2550mm
Height	3120mm
Weight (approx.)	18800kg