



KEESTRACK C6

TRIPLE DECK CLASSIFIER



POWER UNIT

| | |
|--------------------|-------------------------|
| Drive | Diesel/Hydraulic |
| Type | Cummins QSB 4.5 Stage 3 |
| Engine Operation | In line, 4 cylinder |
| Power ISO 14396 | 90kW/2200rpm |
| Max Torque | 347 Nm @ 1500rpm |
| Total Displacement | 4500cm ³ |
| Engine Operation | In line, 4 cylinder |
| Cooling | Air cooled |
| Hydraulics | Load sensing |

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 | 4500mm x 1800mm |
| Screen Area | 3 x 8.1m ² |
| Screen | Steel wire 2pcs. End tensioned |
| Drive | Hydraulic 15kW |
| Inclination | Adjustable 9° - 24° |
| Walkway | LHS & RHS, 600mm width Hydraulic Folding for transport |

BELT FEEDER

| | |
|----------------|-------------------------------|
| Axle Distance | 3467mm |
| Belt Width | 1200mm |
| Feed Capacity | up to 400tph |
| Variable Speed | 0-6.1m/min (fully adjustable) |
| Drive | Hydraulic with gearbox 7.5kW |

TRACKS

| | |
|------------------|---------------------|
| Length | 4076mm |
| Width track shoe | 450mm |
| 2 speeds | 1,32km/h & 2,28km/h |

CONVEYORS

Main Belt

| | |
|----------------|-----------------|
| Length x Width | 9440mm x 1200mm |
| Drive | Hydraulic 15kW |

Underscreen (Fine fraction)

| | |
|---------------------------------|--|
| Length x Width | 6750mm 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 Fraction)

| | |
|---------------------------------|---|
| Length x Width | 10000mm x 800mm |
| Stockpile Volume | 320 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 | 10000mm x 800mm |
| Stockpile Volume | 260 ton approximately ($\gamma=1,7$; 37° angle of repose) |
| Drive | Hydraulic 7.5kW |
| Hydraulic Folding for Transport | |

Belt Conveyor Reversible (Coarse Fraction)

| | |
|--------------------|----------------------|
| Length | 1700mm |
| Width | 650mm |
| Drive | Hydraulic 3kW |
| Material Discharge | Either LSB or to RSL |

Stockpile Belt Left (Coarse Fraction)

| | |
|----------------------|---|
| Length x Width | 6875mm x 650mm |
| Stockpile Volume | 200 ton approximately ($\gamma=1,7$; 37° angle of repose) |
| Drive | Hydraulic 7.5kW |
| Arrangement to frame | 35-48 degrees, adjustable with spindle |

DIMENSIONS

| | Transport | Working |
|------------------|-----------|---------|
| Length | 14090mm | 16310mm |
| Width | 3200mm | 17800mm |
| Height | 3300mm | 4725mm |
| Weight (approx.) | 31000kg | |