

TECHNICAL BROCHURE



**KOLBERG®
SF20 3D**
Mobile Incline Rinser Screen

KEY SPECIFICATIONS

MID-FINESIZE CONVEYOR

Belt width 800 mm (32") nominal
Discharge height 5.03 m (16' - 6")

RINSER PACKAGE

Capacity: 600 mtpd (661 US tph)
Water Volume: 8835 lpm (2335 gpm)
Twin Sand Product Outlets: 2 x 10" (250NB PN10 flange), Includes blanking plate for single product applications
No. of Spray Bars: 16 independent & 6 integrated into the top deck frame

SCREEN BOX

Top deck size: 6.10 m x 1.5 m (20' x 5')
Mid deck size: 6.10 m x 1.5 m (20' x 5')
Bottom deck size: 5.48 m x 1.5 m (18' x 5')
Speed: 950 rpm
Throw: 6.5 - 9.5 mm (0.25 - 0.38")
Tensioning: Side tension top and middle decks
End tension bottom deck
Hydraulic angle adjustment: 19 - 30°
(20° recommended for rinsing applications)

MID-OVERSIZE CONVEYOR

Belt width 800 mm (32") nominal
Discharge height 5.03 m (16' - 6")

DELIVERY CONVEYOR

Belt width 1050 mm (42") nominal
Fixed Speed: 113.3 m/min (371.6 ft/min)

OVERSIZE CONVEYOR

Belt width 500 mm (20") nominal
Discharge height 4.85 m (15' - 11")

FEED HOPPER

Capacity: 6.1 cu. m (8.0 cu. yd)
Grid openings: 100 mm (4")
Hydraulic tipping grid, adjustable angle, remote control

POWER UNIT

Higher regulated countries (standard)
Engine (Stage V/ Tier 4F): CAT C3.6
Power rating: 100 kW (134 Hp)
Lesser regulated countries (optional)
Engine (Stage IIIA/ Tier 3): CAT C4.4
Power rating: 95 kW (127 Hp)
Diesel tank capacity 454 L (120 gal)
Hydraulic tank capacity 550 L (145 gal)

FEATURES

- High capacity up to 600 mtpd (661 US tph) (application dependent)
- Maximum feed size 150 mm (6")
- Class leading power unit output: 100 kW (134 Hp)
- Spare parts commonality across numerous other mobile screen models
- Safe and easy access to all critical components for service and maintenance
- More uptime with class leading fuel tank capacity: 643 L (170 gal)
- Radio controlled tipping grid and belt feeder
- Heavy duty incline screen box with adjustable stroke, angle and speed
- Class leading screen box bearing size
- Screen walkway with handrails and access ladder
- Hydraulically folding and adjustable conveyors with maximized stockpile capacity
- Reversible cross (transfer) conveyor
- Hydraulic raise/lower of head section for mesh access
- Telematics system provided as standard
- Dual sand capabilities with adjustable blending flaps to make in-spec sand
- Sand underpan lined with 5mm rubber for less wear and longer life.

*For available options, please speak to your local dealer

The Kolberg SF20 3D delivers powerful, high capacity washing performance in a flexible, mobile platform built to grow with your operation. Engineered for demanding applications, it features hydraulically folding onboard conveyors and produces up to four premium washed products.

Ideal for medium to large operations, the SF20 3D combines Astec engineered durability, superior throughput, and precise sizing to consistently deliver high spec material and maximize return on investment.

TYPICAL APPLICATIONS



KOLBERG® SF20 3D
Mobile Incline Rinsing Screen



BUILT TO CONNECT

Rev 5 /26

Note: Consult factory for exact dimensions, specifications are subject to change without notice.

