

LIPPMANN

Specifications

L622s

3-Deck Mobile Screener



DESCRIPTION

Heavy duty tracked mounted mobile screener with following features:

- 22x6 heavy duty high energy 2 bearing 3 deck screenbox
- 225Hp CAT engine Tier 3 or 4F, 218Hp Volvo Tier 4 engine
- Track mobile
- Integrated hydraulic folding stockpiling conveyors
- Remote control tipping grid
- Fast on-site setup time - 15 minutes typically

DIMENSIONS AND WEIGHTS

Length - transport 15ft hopper	19.55m (64' - 1.5")
Length - transport 12ft hopper	18.63m (61' - 1.5")
Width - transport (800mm aux conveyor)	3.66m (12')
Height - transport	3.6m (11' - 10")
Weight	42,430 Kgs (93,541lbs)

CAPACITIES

Diesel tank capacity	485 L (128 US gal)
Hydraulic tank capacity	800 L (211 US gal)
Capacity - 12ft hopper	8 m ³ (10.5 yd ³)
Capacity - 15ft hopper	10 m ³ (13.1 yd ³)

FEEDER CONVEYOR

Belt width	1200mm (48")
Belt spec	Plain 500/3 6+3
Drive drum dia.	335mm (13.1")
Tail drum dia.	320mm (12.5")
Gearbox	Bonfiglioli 805 W2
Motor	Danfoss OMSS 160
Flow rate	79.5 Lpm (21 US gpm)
Adjustable speed	Yes
Maximum speed	18.9 rpm

MAIN CONVEYOR

Belt width	1200mm (48")
Belt spec	Chevron 400/3 6+1.5
Option	Plain belt
Drive drum dia.	285mm (11.2")
Tail drum dia.	270mm (10.6")
Motor	Danfoss OMV630
Flow rate	100.5 Lpm (26.5 US gpm)
Adjustable speed	Option
Maximum speed	163 rpm

TAIL CONVEYOR

Stockpile height	4992mm (16' - 4.5")
Belt width	1400mm (55")
Belt spec	Plain - 400/2 6+1.5
Drive drum dia.	285.5mm (11.2")
Tail drum dia.	270mm (10.6")
Motor	Danfoss OMV500
Flow rate	79.5 Lpm (21 US gpm)
Adjustable speed	Yes
Maximum speed	108 rpm

SIDE CONVEYORS

Stockpile height	5398mm (17' - 8.5")
Belt width	900mm (36")
Belt spec	Chevron - 400/3 6+1.5
Drive drum dia.	285.5mm (11.2")
Tail drum dia.	270mm (10.6")
Motor	OMT500
Flow rate	Up to 64.8 Lpm (17.1 US gpm)
Maximum speed	Up to 136 rpm
Angle adjustable	Yes

TRANSFER CONVEYOR

Belt width	800mm (32")
Belt spec	Plain - 400/3 4+2
Drive drum dia.	285.5mm (11.2")
Tail drum dia.	273mm (10.6")
Motor	OMT500
Flow rate	Up to 64.8 Lpm (17.1 US gpm)
Maximum speed	Up to 136 rpm

AUXILIARY CONVEYOR

Stockpile height	4825mm (15' - 9.8")
Belt width	800mm (32")
Belt spec	Chevron - 400/3 6+1.5
Drive drum dia.	285.5mm (11.2")
Tail drum dia.	270mm (10.6")
Motor	OMT500
Flow rate	Up to 64.8 Lpm (17.1 US gpm)
Maximum speed	Up to 136 rpm
Angle adjustable	Yes

SCREENBOX 2 OPTIONS CAN BE SIDE TENSIONED OR END TENSION BOTTOM DECK

Dimensions - top deck	6710mm x 1830mm (22' x 6')
Dimensions - middle deck	6710mm x 1830mm (22' x 6')
Dimensions - bottom deck	6100mm x 1830mm (20' x 6')
Bearing type 3 deck	NSK/Timken 150mm bore
Screens - top deck	6' x 4' side tension 5 off, 6' x 2' side tension 1 off
Screens - middle deck	6' x 4' side tension 5 off, 6' x 2' side tension 1 off
Side tension bottom deck	6' x 4' side tension 5 off
End tension bottom deck	6' x 6'8" end tension 3 off
Tensioning - top deck	Quick release pin and wedge
Tensioning - middle deck	Quick release pin and wedge
Tensioning - bottom deck side tension	Quick release pin and wedge
Tensioning - bottom deck end tension	Curved tension bar and adjuster
Screen angle	18 to 25 degrees
Screen motor	Hydreco MCC2208 58.9cc twin drive
Drive system	Direct drive with HRC230 couplings
Flow rate	142.6Lpm (37.6 US gpm)
Speed adjustable	Yes - pressure compensated FCV
Screen stroke adjustable	10mm
Screen shaft speed	970 +/-10 rpm
Screen 'g' force	5.27+/-10g

COUPLING CIRCUIT

Flow	100.5 Lpm (26.5 US gpm)
Pressure	200 Bar (3200 psi)

POWER AND HYDRAULICS

Engine tier 3	CAT C7.1 225 Hp
Engine tier 4F	CAT C7.1 225 Hp, Volvo D5 218 Hp
Engine speed	1800 rpm
Flywheel pump 1	Turolla 61/34/17 @ 2338 rpm
Flywheel pump 2	Turolla 43/43/34 @ 2338 rpm
Flywheel splitter gearbox	Twin Disc AM220 1 : 0.77 ratio
PTO pump 3	Turolla 36/36 @ 1800rpm
Total system flow (max)	672 Lpm (117.5 US Gpm)
Hydraulic tank capacity	800 L (211 US Gals)
Hydraulic tank ratio	1.2 : 1
Hydraulic oil cooler	Yes

ELECTRICS

Emergency stops	6 off, 1 feeder, 2 powerunit, 2 chassis, 1 walkway
Start siren	Yes - 10 sec delay
Control panel	Tedd Engineering / IFM
Engine shutdowns	Low oil pressure High water temp Air filter blockage (selectable) Fuel contamination Low hydraulic tank level High hydraulic oil temperature
Engine room light	Yes
Remote tipping grid	Yes - 2 function timed
Radio control tracks	Standard
Pendant track control	Yes - plugged in at feeder end

TRACKS

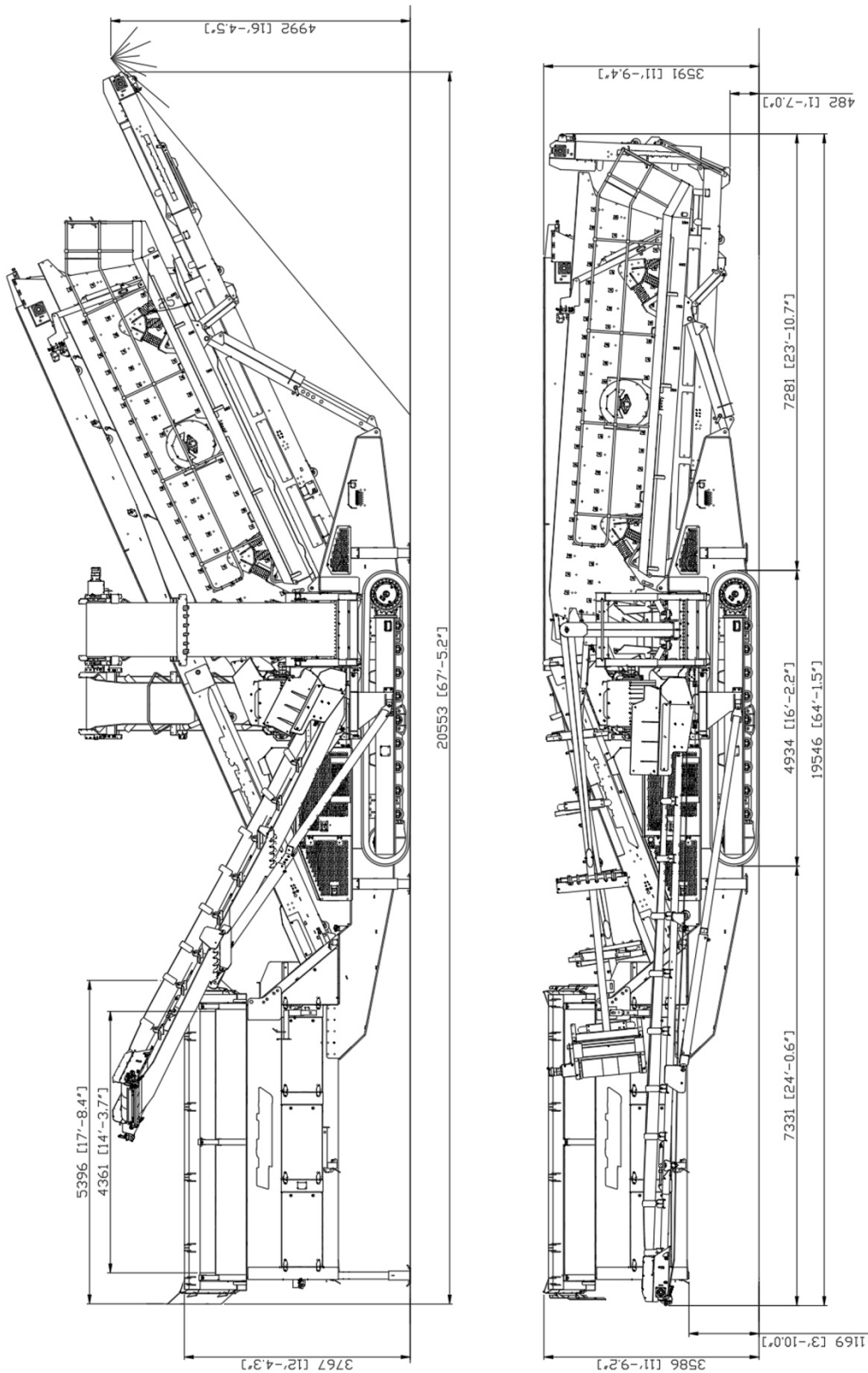
Width	400mm (15.7")
Length	3800mm (12' - 5.5") crs.
Height	817mm (32")
Gearbox	Bonfiglioli 711 (or equivalent)
Ratio	144:1
Motor	Rexroth A2FE90
Speed max	1.50 Kph (0.93 Mph)
Flow rate	152 Lpm (40.2 US Gpm)
Multiple speeds	Three speed system selectable at control panel with smooth start / stop
Attachment to chassis	Bolt on for quick change

OPTIONS

- Single or double deck live head
- Single shaft shredder
- 12ft or 15ft hopper
- Crusher feed in chute (only in conjunction with 15ft hopper)

SAFETY FEATURES

- External belt alignment points
- External grease points
- Engine safety shutdown systems
- Full safety guarding for nip points



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All specifications are current as of this pricing, but are subject to change.