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**Lippmann Dual Power LS624 Triple Deck Screener**

Year: 2024

Serial Number: 710513

Approx. Hours: 21.4





**AUTHORIZED DISTRIBUTOR FOR:**




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<b>McCloskey</b>	<b>McCloskey</b> Power Tools	<b>SUPERIOR</b>	<b>LIPPMANN</b>	<b>TTSSAB</b>
<b>rapid</b>	<b>MDS</b>	<b>ECOVERSE</b>	<b>MAJOR</b>	<b>HARDOX</b> STEEL

## TRACK MOUNTED MOBILE SCREENER

# THE **L624** OFFERS FAST ON-SITE SETUP TIME



The heavy duty tracked mounted mobile screener offers options of single or double deck live head, single shaft shredder, 12' or 15' hopper, and crusher feed in chute (only in conjunction with 15' hopper). The safety feature list includes external belt alignment points, external grease points, engine safety shutdown systems, and full safety guarding for nip points.

- Double 12x6 heavy duty high energy 2 bearing 3 deck screenboxes
- Integrated hydraulic folding stockpiling conveyors
- 225Hp CAT engine Tier 3 or 4F Stage V, 218Hp Volvo Tier 4 engine or Stage V
- Remote control tipping grid
- Track mobile
- Remote control tipping grid
- Fast on-site setup time - 15 minutes typically

# LIPPMANN

# L624 TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHTS	
Length - transport 15ft hopper	20,41m (64' - 1.5")
Width - transport (800mm aux conveyor)	3.66m (12')
Height - transport	3.6m (11' - 10")
Weight	42430 Kgs (93541bs)

POWER AND HYDRAULICS	
Engine Tier 3	CAT C7.1 225Hp
Engine Tier 4F	CAT C7.1 225Hp, Volvo D5 218Hp
Engine stage V	CAT C7.1 225Hp, Volvo D5 218Hp
Engine speed	1800 rpm
Flywheel pump 1	Turolla 46/46/33 @ 2338rpm
Flywheel pump 2	Turolla 46/46/33 @ 2338rpm
Flywheel splitter gearbox	Twin Disc AM220 1 : 0.77 ratio
PTO pump 3	Turolla 36/23 @ 1800rpm
Total system flow (max)	701 Lpm (185 US Gpm)
Hydraulic tank capacity	800 L (211 US Gals)
Hydraulic tank ratio	1.2 : 1
Hydraulic oil cooler	YES

SCREENBOXES	
Dimensions - top deck	3660mm x 1830mm (12' x 6')
Dimensions - middle deck	3660mm x 1830mm (12' x 6')
Dimensions - bottom deck	3050 mm x 1830mm (11' x 6')
Bearing type 3 deck	Timken
Screens - top deck	6' x 4' side tension 3 off, 6' x 2' side tension 1 off
Screens - middle deck	6' x 4' side tension 3 off, 6' x 2' side tension 1 off
End tension bottom deck	6' x 5'6" end tension 2 off
Tensioning - top deck	Quick release pin and wedge
Tensioning - middle deck	Quick release pin and wedge
Tensioning - bottom deck end tension	Curved tension bar and adjuster
Screen angle	18 to 25 degrees
Screen motor	Hydreco MCC2213 58.9cc
Drive system	Direct drive with HRC180 couplings
Flow rate	108Lpm (28.5US gpm)
Speed adjustable	Yes - pressure compensated FCV
Screen stroke adjustable	10mm
Screen shaft speed	970 +/-10 rpm
Screen 'g' force	5.27+/-10g

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

COUPLING CIRCUIT	
Flow	100.5Lpm (26.5 US gpm)
Pressure	220 Bar (3200 psi)

FEED 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

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 functions timed
Radio control tracks and feeder	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	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

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

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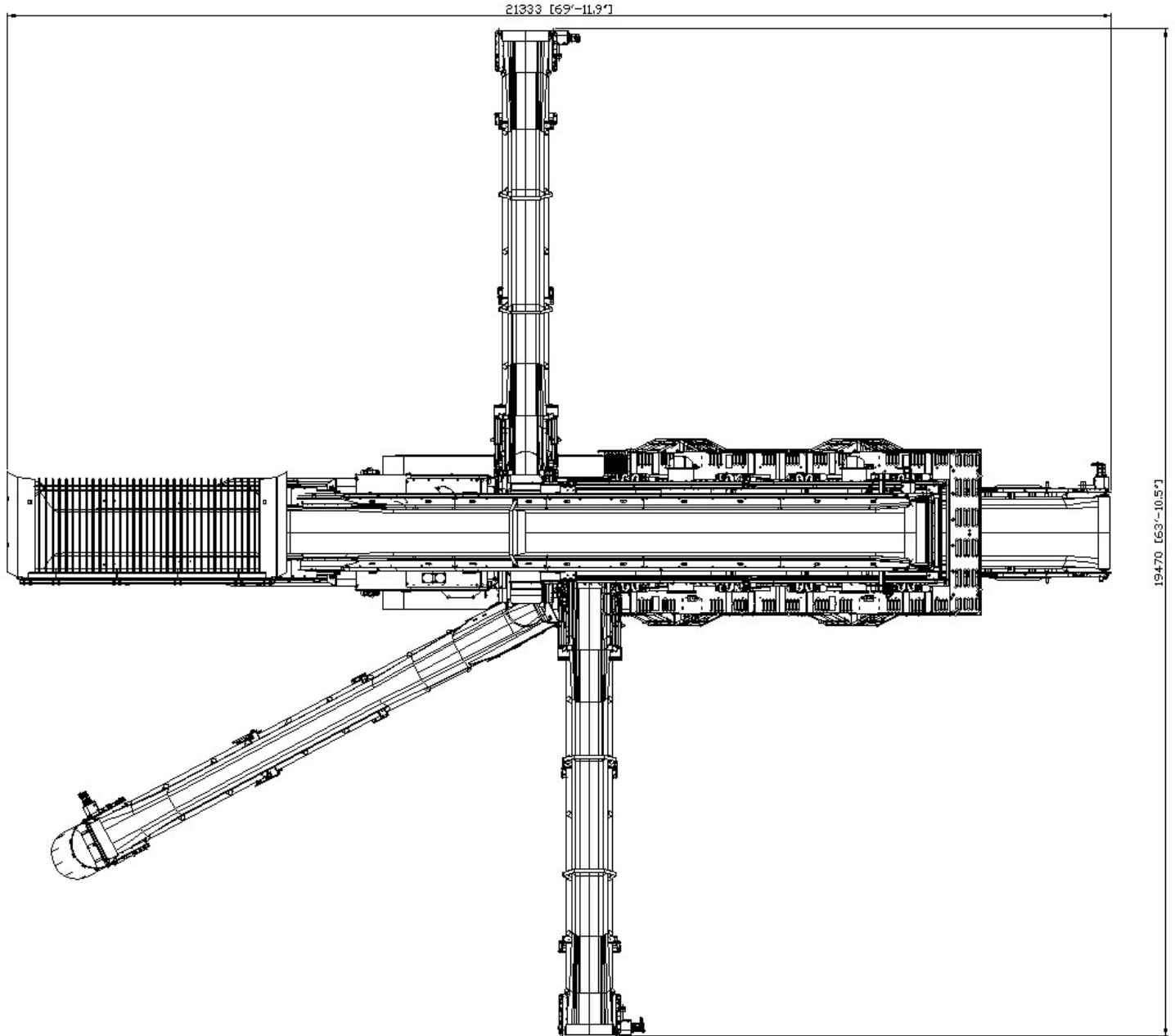
MAIN CONVEYOR	
Belt width	1200mm (48")
Belt spec	Chevron 400/3 6+1.5
Option	Plain belt
Drive drum dia.	285mm (11.2")
Tail drum dia.	270mm (10.6")
Motor	800cc
Flow rate	108Lpm (28.5 US gpm)
Adjustable speed	Option
Maximum speed	135 rpm

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	800cc
Flow rate	108 Lpm (28.5 US gpm)
Adjustable speed	Yes
Maximum speed	108 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 77 Lpm (20.3 US gpm)
Maximum speed	Up to 154 rpm
Angle adjustable	Yes

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 77Lpm (20.3 US gpm)
Maximum speed	Up to 154 rpm
Angle adjustable	Yes

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