

LIPPMANN

Specifications

80sf-r Feeder Conveyor



DESCRIPTION

The LSF80R comprises of a large feeder hopper that transfers material onto an 80ft conveyor, all fitted to a slew ring assembly allowing for full 360° radial. Designed to allow operators to stockpile/transfer material it eliminates double handling of materials. Its maneuverability makes this unit very versatile and makes it ideal for barge loading and unloading, rail loading / unloading and stockpiling, the ability to move parallel enables the operator to maneuver the unit parallel to the vessel meaning the machine can crab alongside.

The unit can also be compacted for transport on one low loader for easy site to site transport.

The LSF80R feeder conveyor comes with the following features as standard:

- Dual hydraulic main drive system
- Hydraulic folding heading section for transport minimizing setup time
- Hydraulically adjustable discharge height up to 10 meters
- High powered slew gearbox and slew ring assembly (radio remote as standard)
- 4 meter tracks for superior maneuverability and stability
- Radio remote rear stabilizing legs for easy operator use
- Radio remote tracking
- CAT 4.4 LRC / fixed speed giving a rating of up to 800 tph
- Fuel efficient hydraulics system
- User friendly hydraulic controls
- Hopper extensions increasing capacity

DIMENSIONS AND CAPACITIES

Length – working (max)	26.2m (86'-1")
Height – working (max)	10m (32'-5")
Length – transport	19.4m (63'-8")
Width – transport	3.2m (10'-6")
Height – transport	3.4m (11'-1")
Over hang – transport	7.2m (23'-9")
Maximum production rate	800 mtph (880 tph)
Max product size	150mm (6") minus
Weight	27,500kg approx.
Hopper capacity	13m ³ (17yd ³)

MATERIALS

Materials include but are not limited to:

- Sand and gravel
- Aggregates
- Compost
- Topsoil
- C and D waste
- Coal

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	Bonfig 805 W2
Motor	160cc motor
Flow rate	72.6 Lpm (19.2 US gpm)
Adjustable speed	Yes
Maximum speed	18.75 rpm

CONVEYOR

Belt width	1200mm (48")
Belt spec	3 ply (400/3 5+1.5)
Scraper	Urethane scraper as standard
Pulley adjuster	Standard threaded bar
Conveyor idlers	45 degree angle
Return idlers	Self-cleaning rubber disc
Conveyor motor	Twin DANFOSS OMV630
Drive drum	350mm Ø with herringbone lagging
Tail drum	270mm Ø spoked drum

CAPACITIES

Hydraulic tank

516 L (136 US gal)

Diesel tank

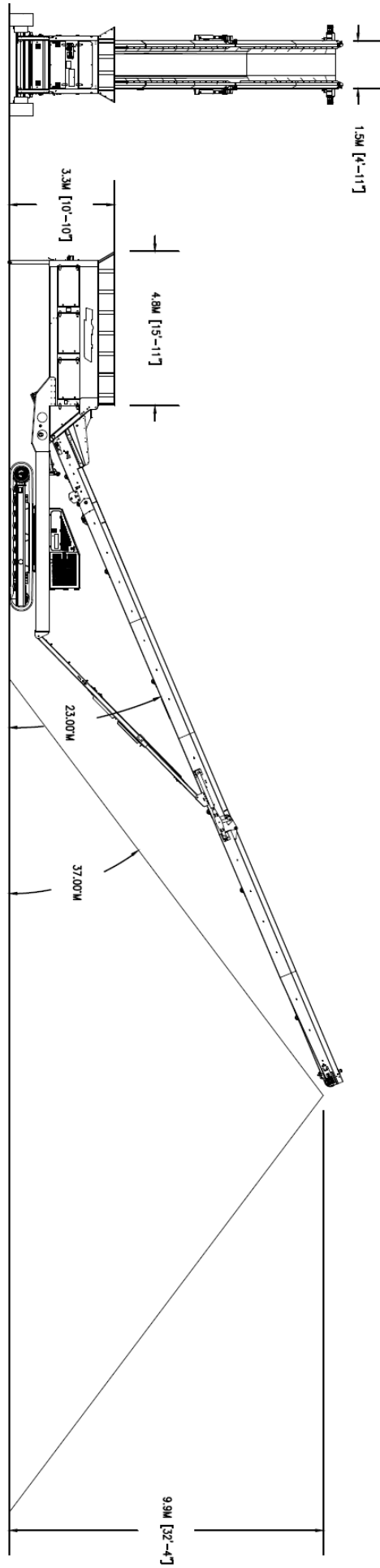
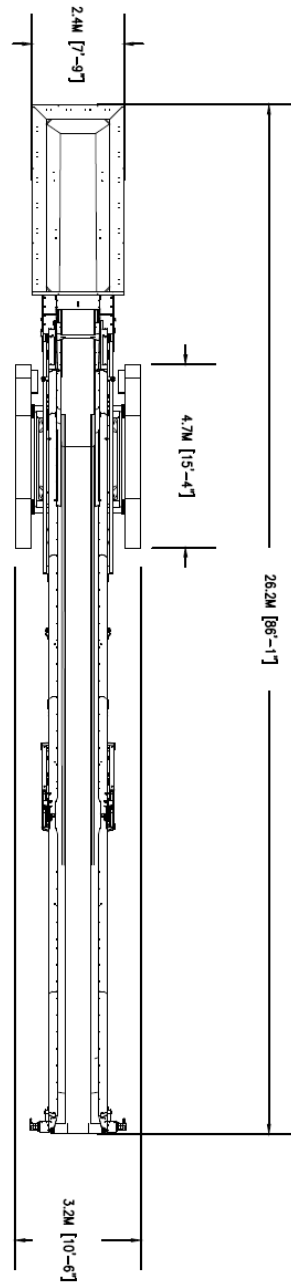
390 L (103 US gal)

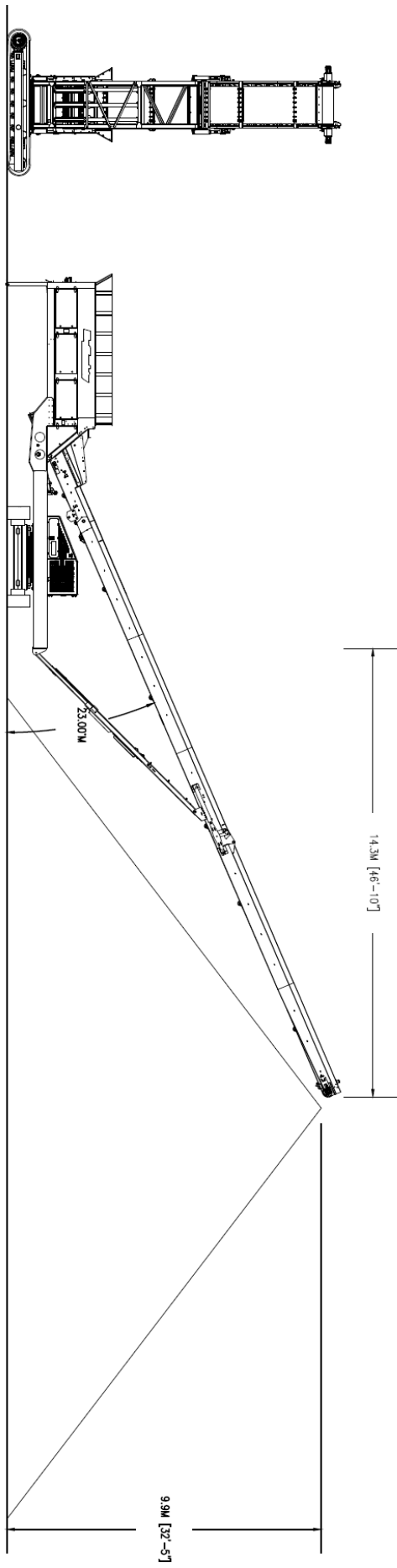
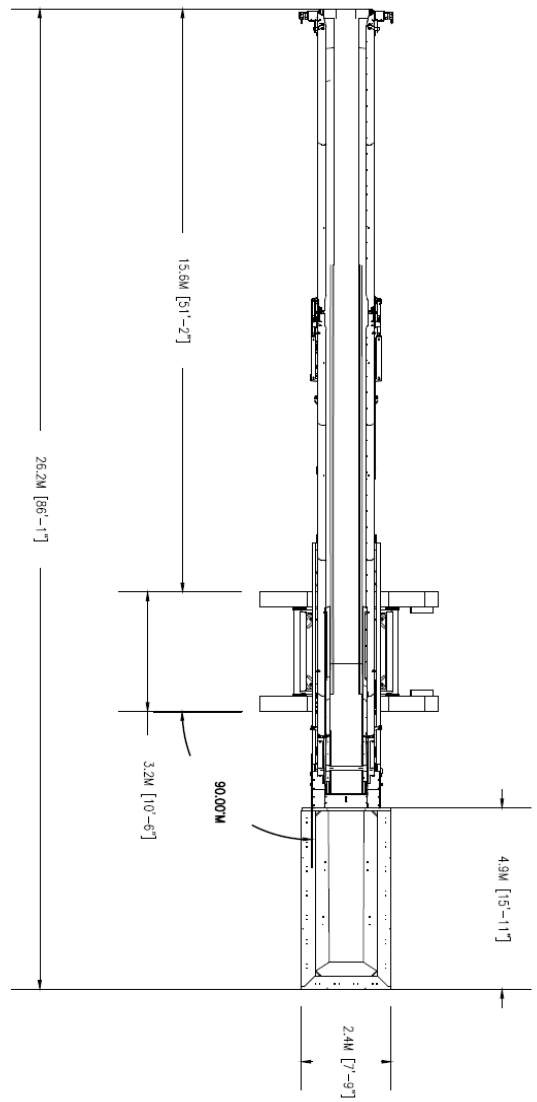
OPTIONS INCLUDING BUT NOT LIMITED TO:

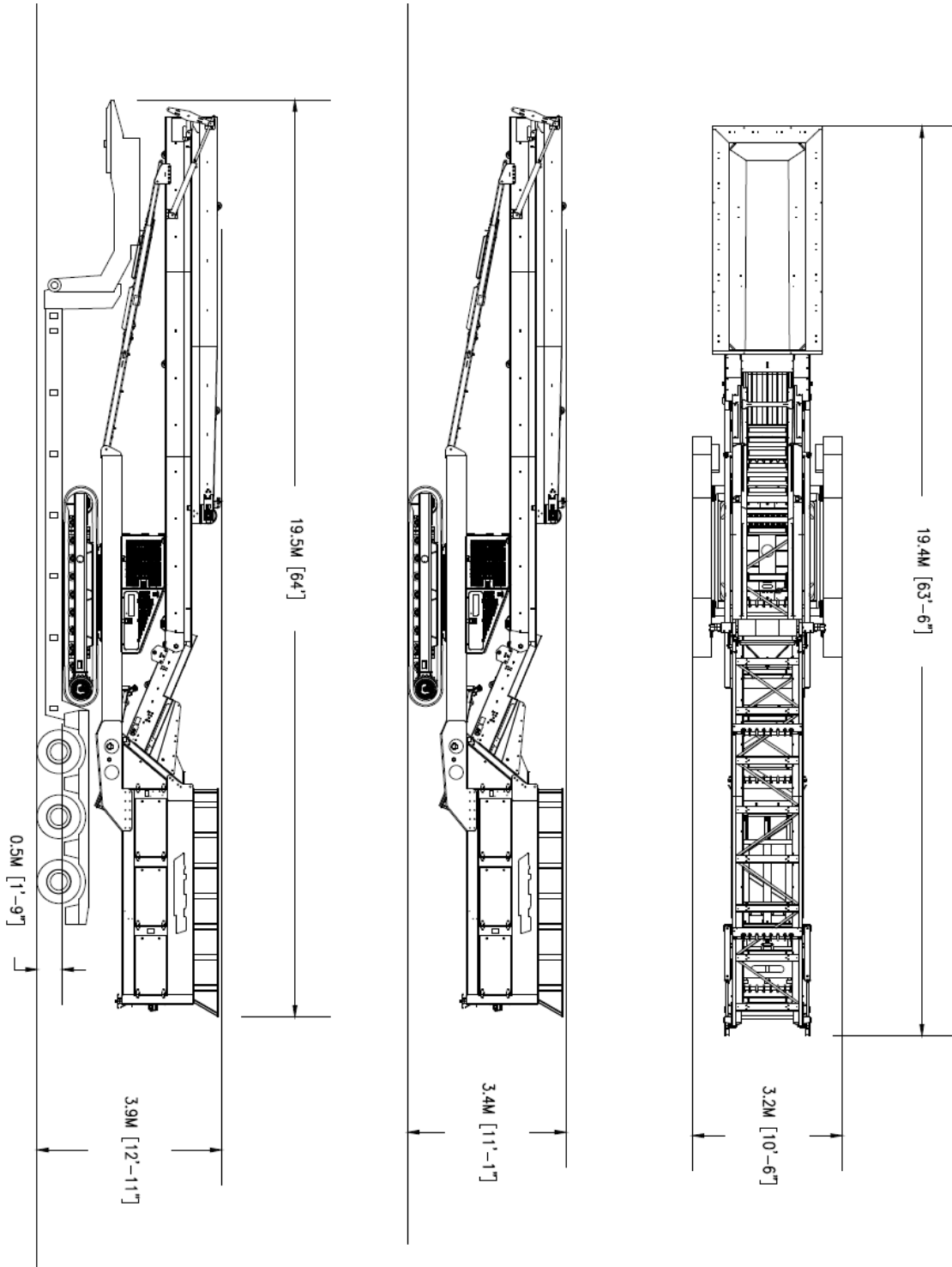
- Feed hopper hardox liners
- Remote control tipping grid
- Tipping grid
- Hydraulic flow gate from feeder
- Head scraper upgrade
- Anti-roll backs
- Hopper deflector plate
- Rubber track pads
- Hopper bridge
- CAT 3.4 T4F 75kW

SAFETY FEATURES

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







LIPPMANN

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