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INTRODUCING THE

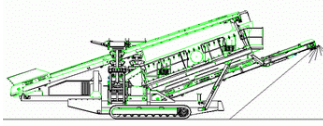
CHIEFTAIN 2400

DIRECT FEED 2 - DECK

DIRECT FEED 3 - DECK



All specifications subject to change without prior notice.



Technical Specification

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FEATURES

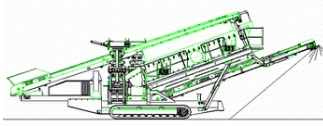
- Total weight (Direct Feed 2-Deck) 36,000 kg (39.7 ton)(*estimated*)
- Total weight (Direct Feed 3-Deck) 39,000 kg (43 ton)(*estimated*)
- Total weight wheel 41,280 kg (45.5 ton)
- Axle weight 26160 kg (28.8 ton)
- Kingpin weight 15120 kg (16.67 ton)
- Width (transport) 3.00 m (9'-10")
- Length (transport) 15.65 m (51'-5")
- Length (working) 17.35 m (56'-11")
- Height (transport 2-Deck) 3.4 m (11'-2")
- Height (transport 3-Deck) 3.6 m (11'-10")
- Height (working 2-Deck) 6.15 m (20'-2")
- Height (working 3-Deck) 6.45 m (21'-2")
- Screenunit 2-bearing 6.1m x 1.83m (20' x 6)
- Powerunit Diesel Hydraulic.

ADVANTAGES

- High capacity up to 750 TPH, (depending on mesh sizes and material type).
- Quick set up time typically under 15 minutes.
- Maximum mobility with heavy duty, low ground pressure crawler tracks.
- Removable heavy duty pendant remote control system.
- Optional radio control system available if required.
- High performance hydraulic system – Cast iron pumps and motors c/w hydraulic oil cooler.
- Access walkway for screenbox.
- Hydraulically folding for transport.
- Heavy duty 2-bearing screenbox 10mm stroke.
- Direct feed main conveyor with impact rollers and breaker box.

APPLICATIONS

- Sand and gravel
- Coal
- Crushed stone
- Iron Ore



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Hopper:

Target area: 1.67m long x 1.65m wide.
Feed in height: 2.44m (8')

Screenunit:

6.1m x 1.83m (20' x 6) double deck 2-bearing.
16° to 20° screen angle adjustable.
Breaker box with hardox replaceable wearplate.
Motor stand with heavy-duty shaft support.
10mm stroke @ 920 ±10 RPM
Impact plate on pipeunit.

Feed Conveyor:

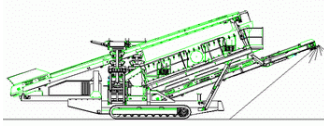
1200mm (48") wide 3-ply plain belt.
Direct feed conveyor fitted with large target area feedboot.
Direct drive system & hydraulic variable speed control.
Impact rollers fitted beneath feedboot impact point.
Dead box in feedboot.
13.10m (43') drum centres.
14" drive drum.

Tail Conveyor below screenbox:

1200mm (48") wide 3ply plain belt.
4.35m (14'-3") stockpile height. (Measured to drum crown).
8.95m (29'-4") drum centres.
160 m³ (122 yrd³) Stockpile capacity.
14" drive drum.
Angle adjustable.

Mid Product Side Conveyor:

800mm (32") wide 3-ply chevron belt.
4.40m (14'-5") stockpile height. (Measured to drum crown).
8.58m (28'-2") drum centres.
127 m³ (168 yrd³) Stockpile capacity.
25° working angle.
10" drive drum.
Hydraulically folding.
Variable speed control.



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Oversize Side Conveyor:

- 800mm (32") wide 3-ply chevron belt.
- 4.40m (14'-5") stockpile height. (Measured to drum crown).
- 8.58m (28'-2") drum centres.
- 127 m³ (168 yrd³) Stockpile capacity.
- 25° working angle.
- 10" drive drum.
- Hydraulically folding.
- Variable speed control.

Crusher return conveyor:

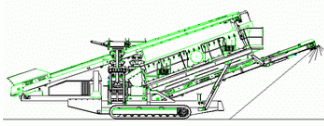
- 650mm (26") wide 3-ply chevron belt.
- 4.40m (14'-5") stockpile height. (Measured to drum crown).
- 10" drive drum.
- Angle adjustable.
- Variable speed control.
- Length can be extended to return to crusher.

Powerunit & Hydraulics:

Diesel engine (1):	130 kW (174Hp) at 2200 rpm.
Flywheel pump:	Cast iron triple pump 63/41/41 cc/rev
PTO pump:	Cast iron tandem pump 29/29 cc/rev
Feed conveyor Motors:	Cast iron motor 800cc/rev
Tail Conveyor Motor:	Cast iron motor 800cc/rev
Oversize Conveyor Motor:	Cast iron motor 500cc/rev
Mid Conveyor Motor:	Cast iron motor 500cc/rev
Screen Motor:	Cast iron motor 101.8cc/rev

Tank Capacities:

Hydraulic tank:	787 L (173 Gal)
Diesel tank:	597 L (131 Gal)



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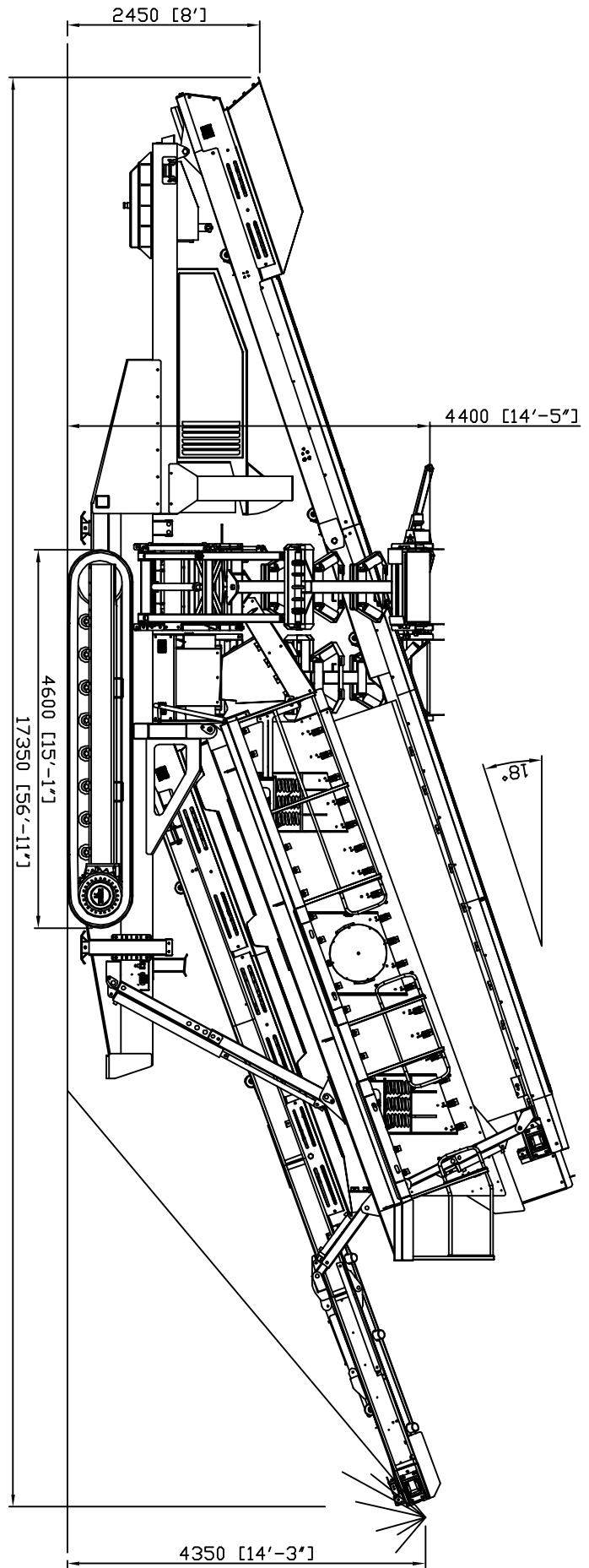
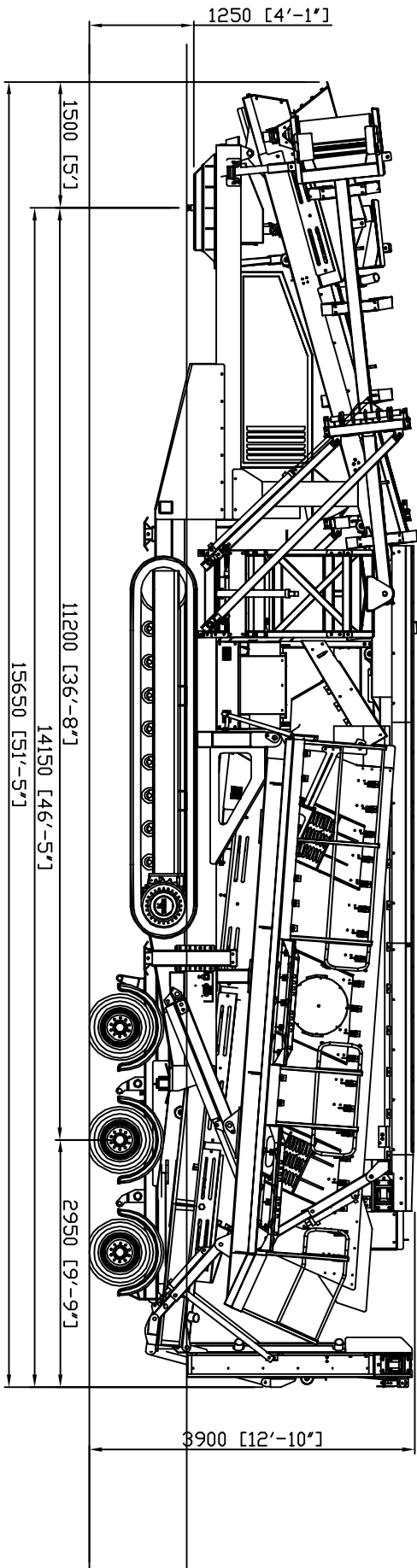
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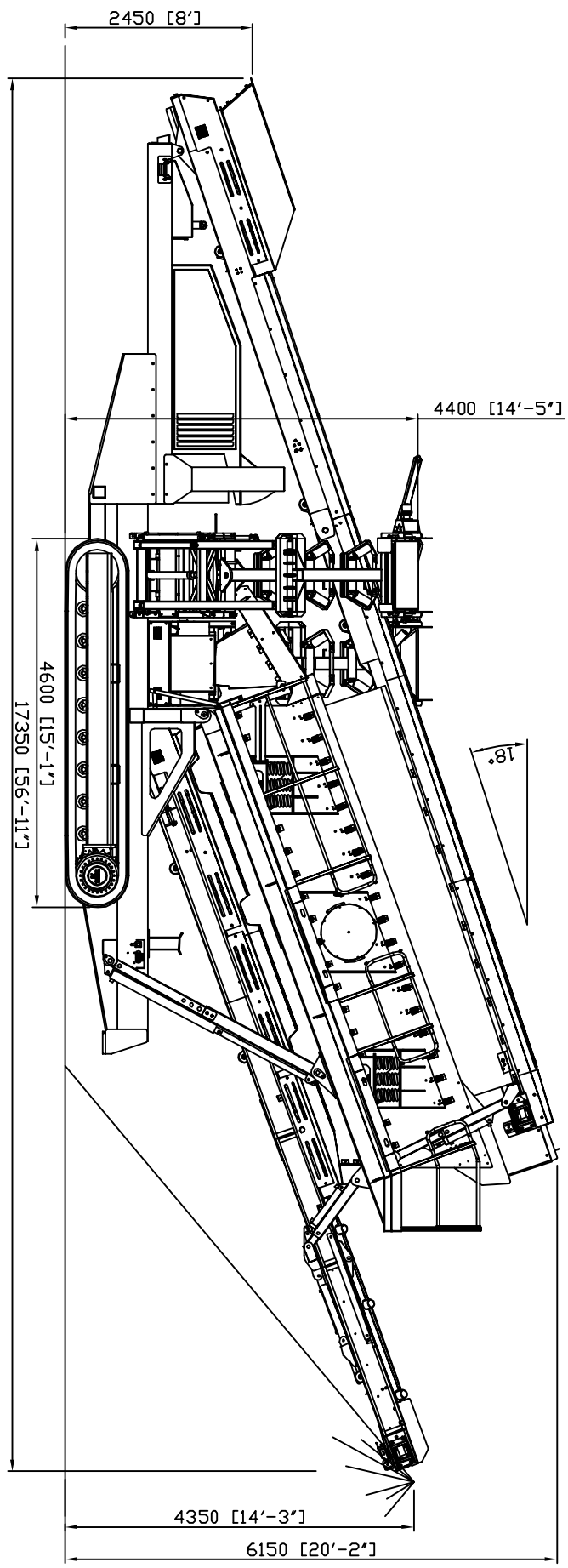
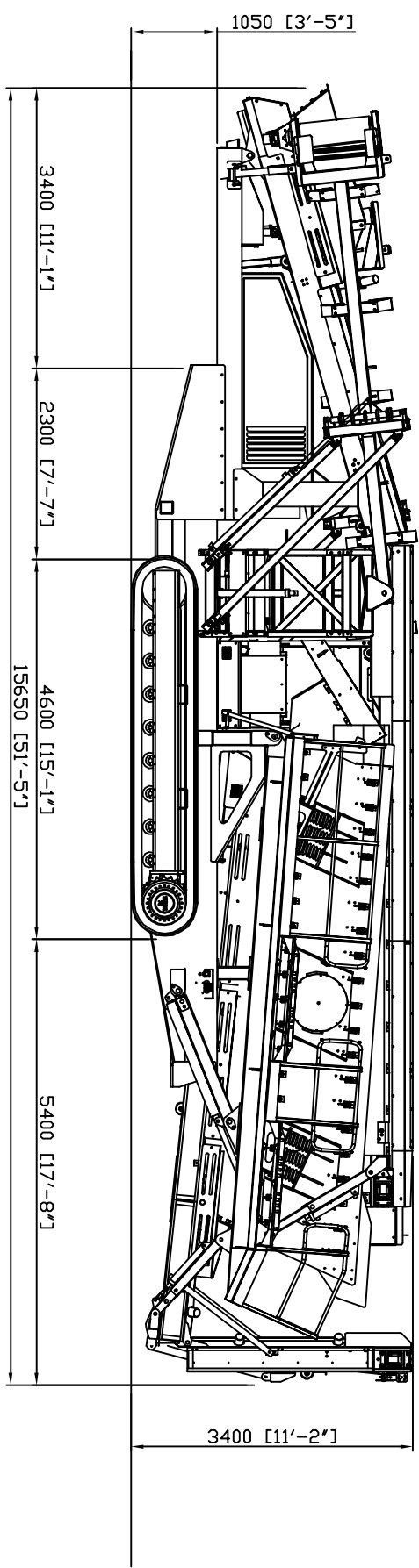
Crawler Track Data:

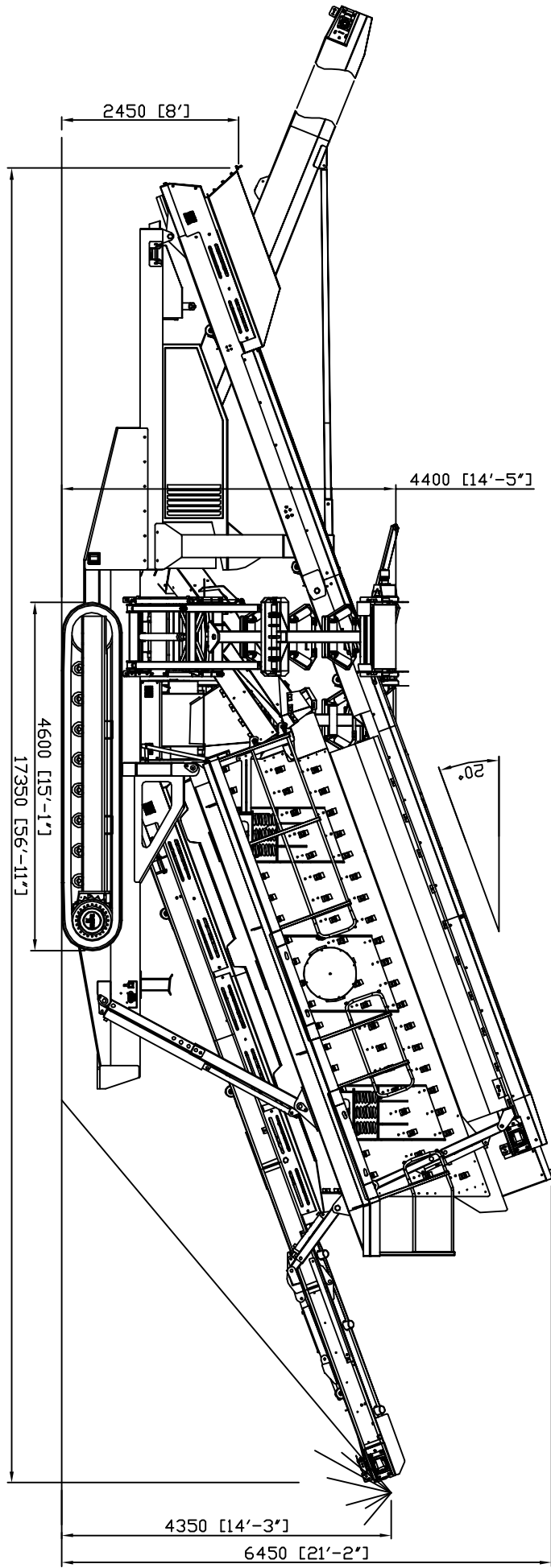
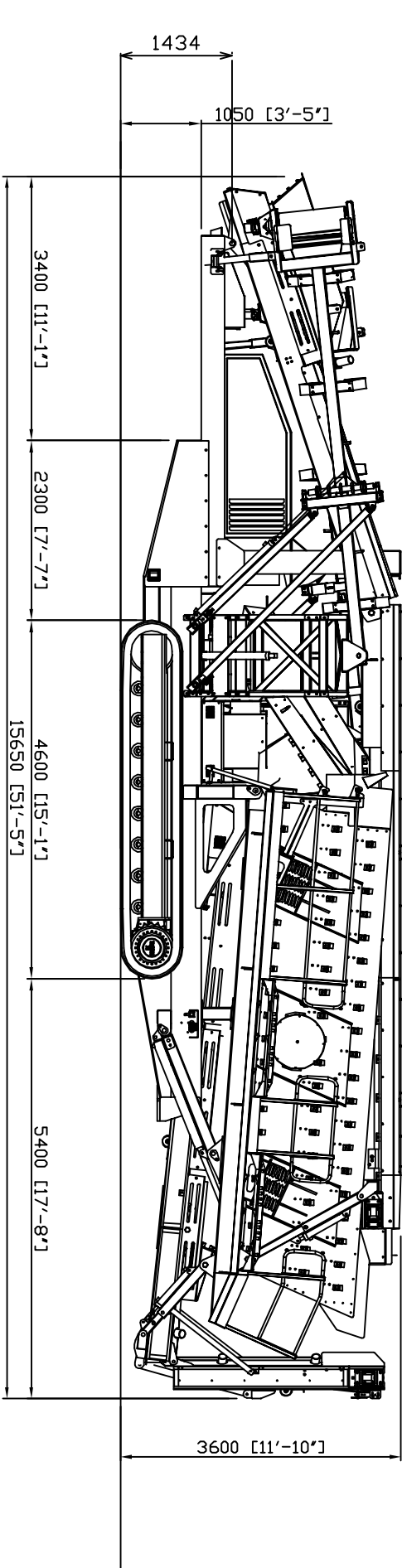
Tractive Effort	=	16,523 daN
Gradability Percentage	=	50.5 % (22.73deg)
Gearbox	=	Transmittal 711C3B
Gearbox Ratio	=	1:153
Hydraulic Motor	=	90 cc/rev
Flowrate	=	90.2 Lpm (19.8gpm)
Approximate Speed	=	0.76 Km/hr

Options:

- 3 - Deck screen.
- Roll-in bogie transport system.







6550 [21'-6"]

25300 [82'-11"]

6050 [19'-10"]

