



INTRODUCING THE

Trommel 511



All specifications subject to change without prior notice.

Technical Specification



TROMMEL 511 24-01-2007

Page 2

FEATURES

• Total weight (Tracked)	14.700kg (16.17 US tons) Estimated
• Total weight (Tandem Bogie)	
• Total weight (Single Bogie)	11.870kg(13.057 US tons) Estimated
• Transport weight on Axel	11,530kg
• Transport weight on King pin	560kg
• Width (Transport)	2.55m (8' 4")
• Length (Transport Tracked)	9.071m (29'9"")
• Length (Transport Wheeled)	10.604m (34'9")
• Height (Transport Tracked)	3.33m (10' 11")
• Height (Transport Wheeled)	3.50m (11' 5")
• Hopper Capacity (Flat)	1.78.m ^{^3} (2.34.yds ³)
• Hopper Capacity Extensions (Flat)	3.23. m ^{^3} (4.26.yds ³)
• Screen Drum	3.35m x 1.5m (5' x 11')
• Powerunit	Diesel Hydraulic with 55.5kW (74 Hp)
	Diesel engine

ADVANTAGES

- High capacity - Depending on mesh sizes and material type.
- Quick set up time typically under 5 minutes.
- Maximum mobility with fifth wheel, jacking legs, road wheels, springs, brakes and mudguards.
- High performance hydraulic system.
- Optional tipping grid with radio control double acting tipping grid rams.
- Optional fully track mobile version with low ground pressure tracks.
- Variable speed on the feeder, tail , drum circuit.

APPLICATIONS

- Wood Chippings
- Topsoil
- Demolition Waste
- Compost
- Recycling
- Coal
- Sand & Gravel

Technical Specification



TROMMEL 511 24-01-2007

Page 3

Hopper:

Hopper has particularly low feed height of 3.523m (9' 4") on a tracked machine and 3.49m (9' 7") on wheeled machine. Complete hopper and feeder section retracts hydraulically to allow vertical removal of Trommel Drum. Hopper extensions are Standard but can be bolted off on one side to give you a low loading height as stated above, also there is a remote control tipping grid available for this machine.

Target Area:	3.0m x 1.2m (9' 10" x 4')
Capacity:	2.5 m ³ . (3.3 yds ³)

Screenunit:

Trommel screen has quick release wrap around mesh in 4 parts. Trommel frame side doors open on each side to give 100% access to each side of the Trommel screen to facilitate quick mesh changing.

Trommel Screen Length:	3.35m(11')
Trommel Screen Diameter:	1.5m (5')

Feed Conveyor:

Direct Feed Conveyor discharges directly into Trommel screen. Fitted with worm drive gearbox and hydraulic motor & hydraulic variable speed control.

Belt type:	3-ply HD plain
Belt width:	900mm (36")
Drum centres:	3.12m (10' 2.75")

Collection Conveyor:

Collection conveyor is mounted horizontally under Trommel screen and discharges directly into side conveyor.

Belt type:	2-ply plain
Belt width:	1200mm (48")
Drum centres:	1.85m (6' 1")

Technical Specification



TROMMEL 511 24-01-2007

Page 4

Oversize Conveyor (Tail) :

Hydraulically folding tail conveyor. Angle adjustable in 3 positions. Can be lowered to ground level for maintenance.

Belt type:	3-ply HD chevron
Belt width:	1050mm (42")
Drum centres:	3.87m (12'8.25")

Fines Conveyor (Side):

Hydraulically folding side conveyors with variable speed control.

Belt type:	3-ply HD
Belt width:	650mm (26")
Drum centres:	4.83m (15'10")

Powerunit & Hydraulics:

Diesel engine:	55.5 kW (74 Hp)
Pump:	2 x 27cc/rev each circuit
Feeder Motor:	315cc hydraulic motor
Feeder Gearbox	27:1 Reduction Worm Wheel gearbox
Collection conveyor Motor:	400cc motor
Tail Conveyor Motor:	400cc motor
Side Conveyor Motor:	400cc motor
Trommel Drum Motor:	400cc motor
Hydraulic tank:	610 L (110 Gal)
Diesel tank:	143 L (31 Gal)
Fuel Consumption	11.9 Litres per Hour (2.6Gals)

Road Transport:

Available as 2 options: Fifth wheel or TUV towbar. Both feature hydraulic jacking legs for quick setup, brakes and spring suspension.

Wheels:	235/75/R17.5 dual wheels
Axle:	Approved braking axle (GLD manufacture)
Suspension:	Leaf spring
Brakes:	Air brakes, (ABS optional)
Mudguards:	Plastic type
Lateral Protection:	Optional extra.
Lights:	Optional extra.

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TROMMEL 511 24-01-2007

Page 5

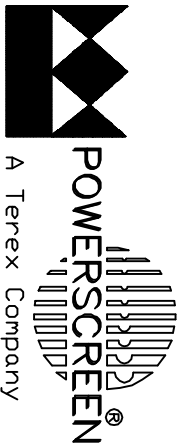
Crawler Tracks:

Crawler undercarriage with triple grouser shoes, lower rollers (lifetime lubricated), 23 tooth sprocket, Idler c/w recoil and tensioner device. Motors fitted with negative integrated brake.

Sprocket / Idler centre:	2.47m (8'1")
Overall length:	3.05m (10')
Height:	585mm (1'11")
Shoe width:	500mm (1'-7.7")
Motor:	45cc Motor
Gearbox:	1:134 Ratio Reduction Gearbox

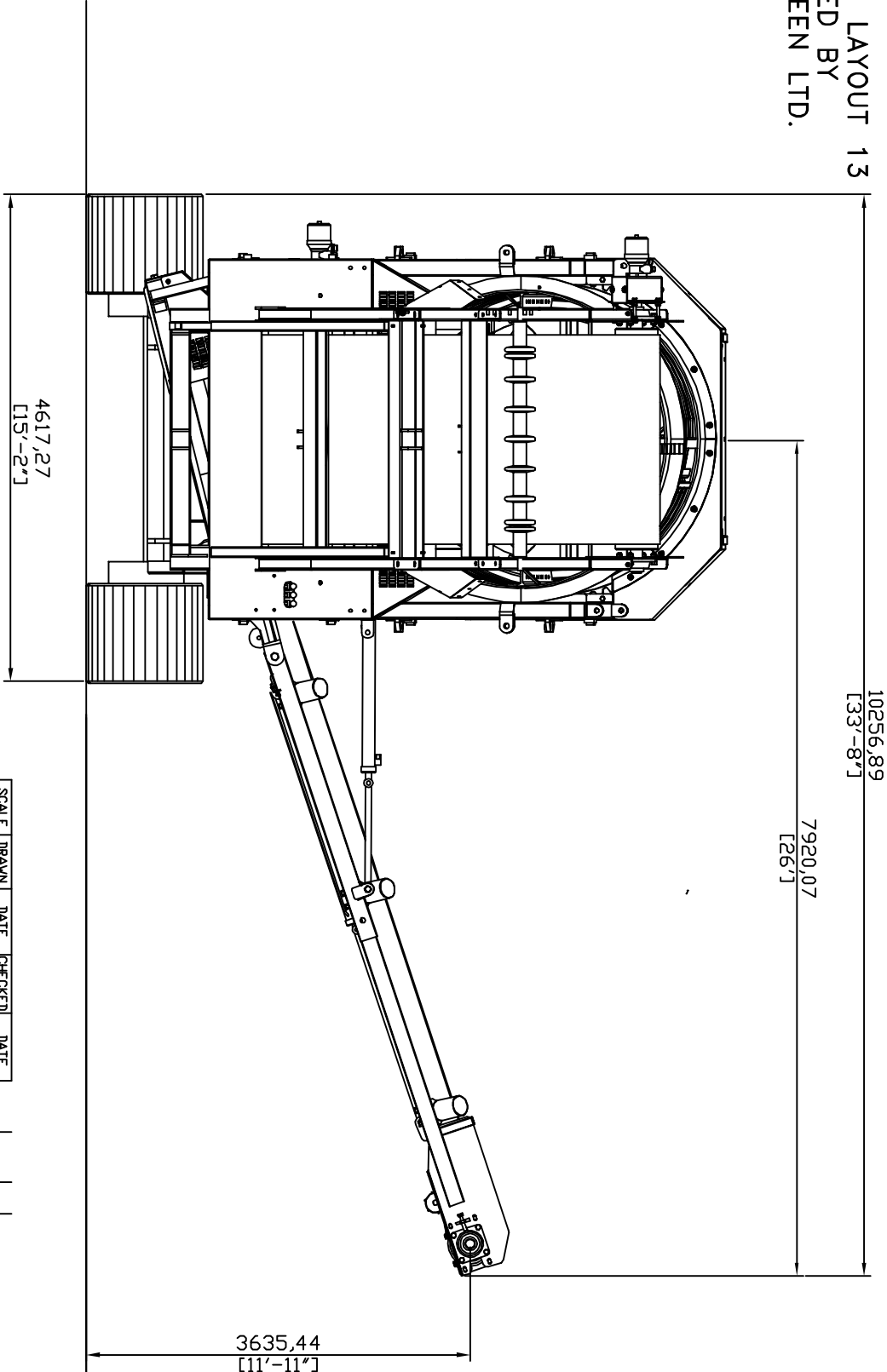
Options:

- Vin Plate
- Lighting Board
- Load sensing system c/w with feeder shut down on drum circuit
- Approved tandem braking axle c/w leaf sprig suspension and road approved tow bar 40mm eye & dual 235/75 R17.5 10 stud road wheels.
- Approved tandem braking axle c/w leaf sprig suspension and road approved tow bar 50mm eye & dual 235/75 R17.5 10 stud road wheels.
- Approved ABS braking axle(s)
- Handbrake
- Lateral Protection
- Wheel Chocks
- Different colour machine
- Manual or remote control hydraulic tipping grid
- Heavy duty belts on feeder and collection conveyors
- Impact Rollers on feeder conveyor
- Sound suppression on powerunit
- Cyclone pre cleaner door for engine
- Electric hydraulic machine with control panel
- Spare trommel drum
- Full length dust canopy along trommel drum
- Cleaning tines
- Heavy duty mesh
- Punch plate drum



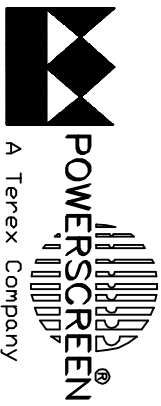
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TROMMELL 511 TRACK MACHINE



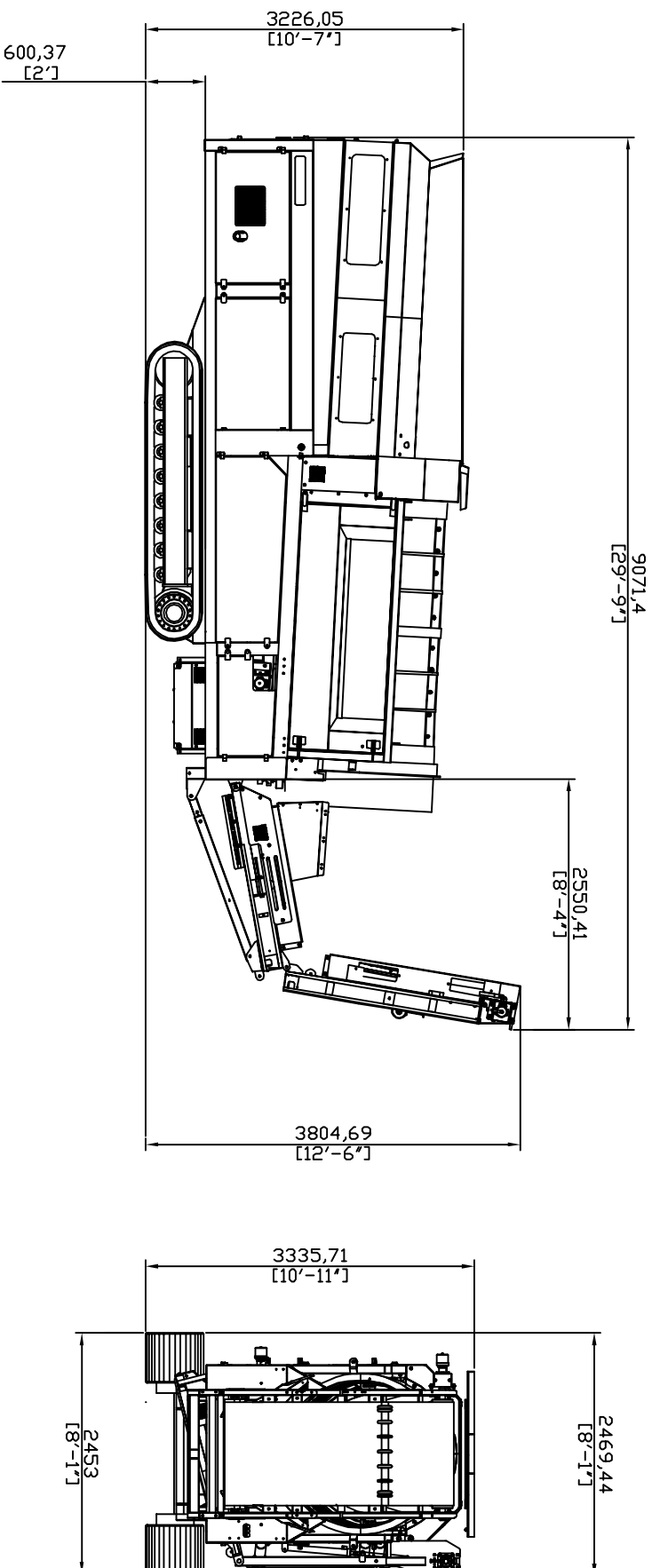
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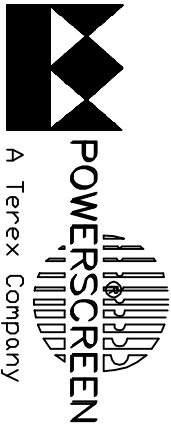
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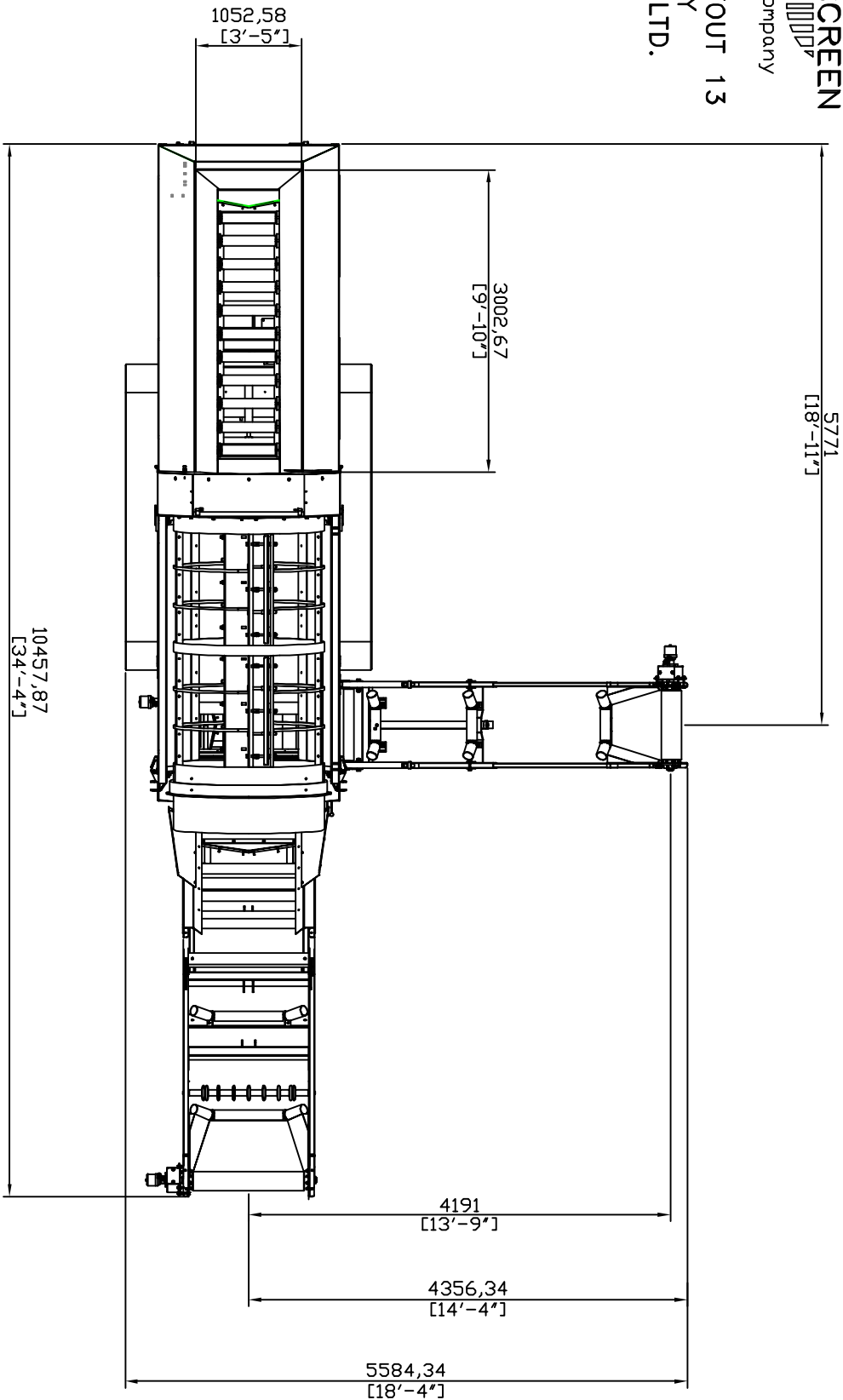
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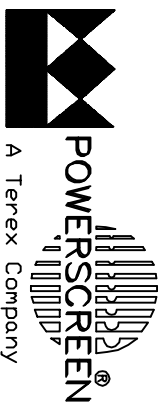
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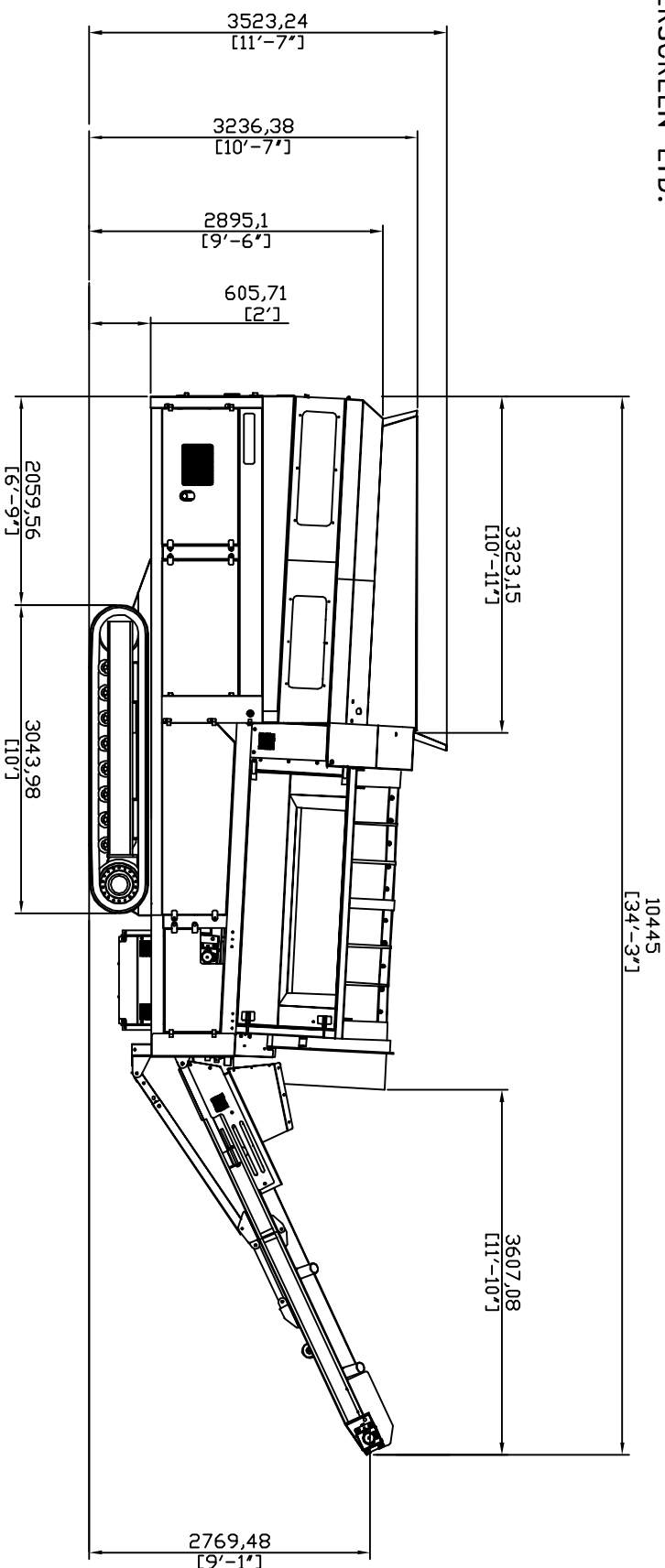


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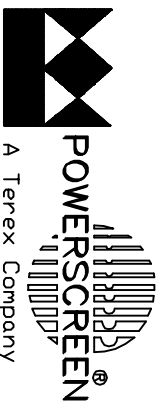


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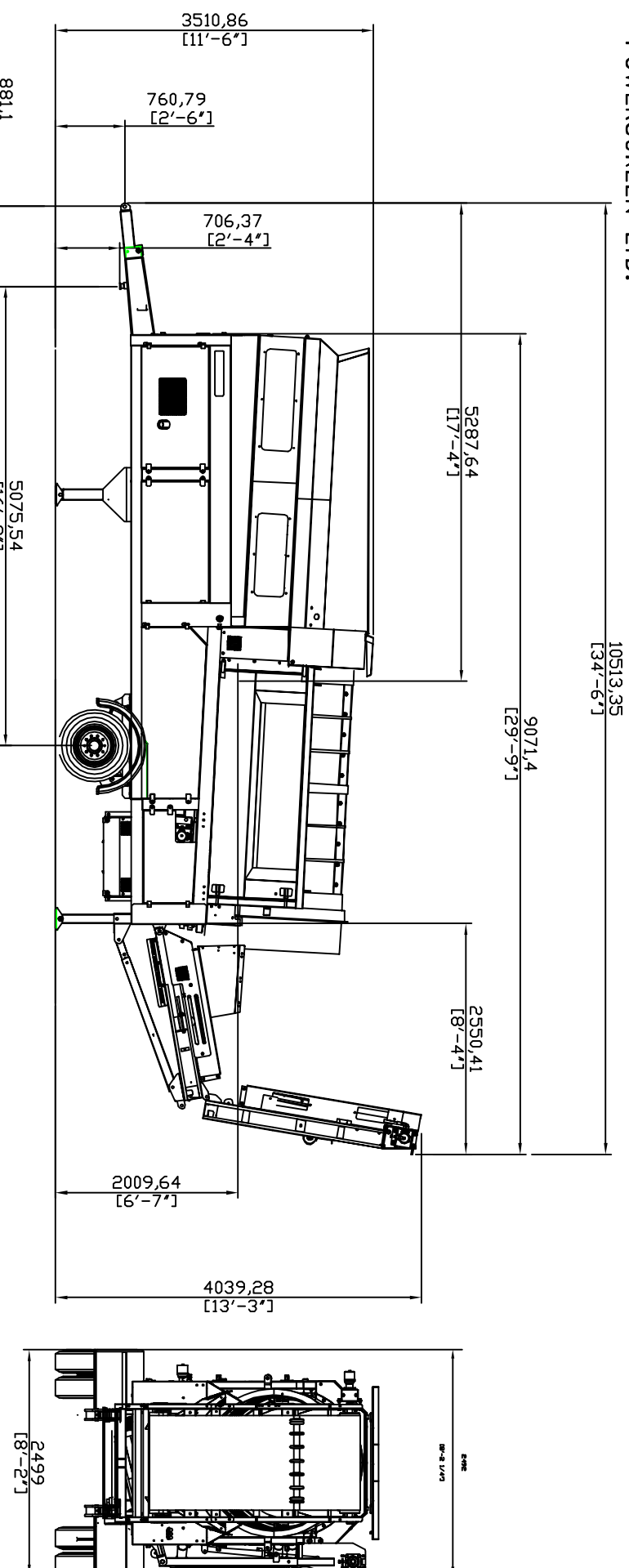


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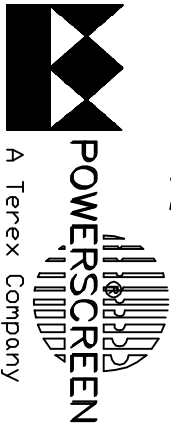
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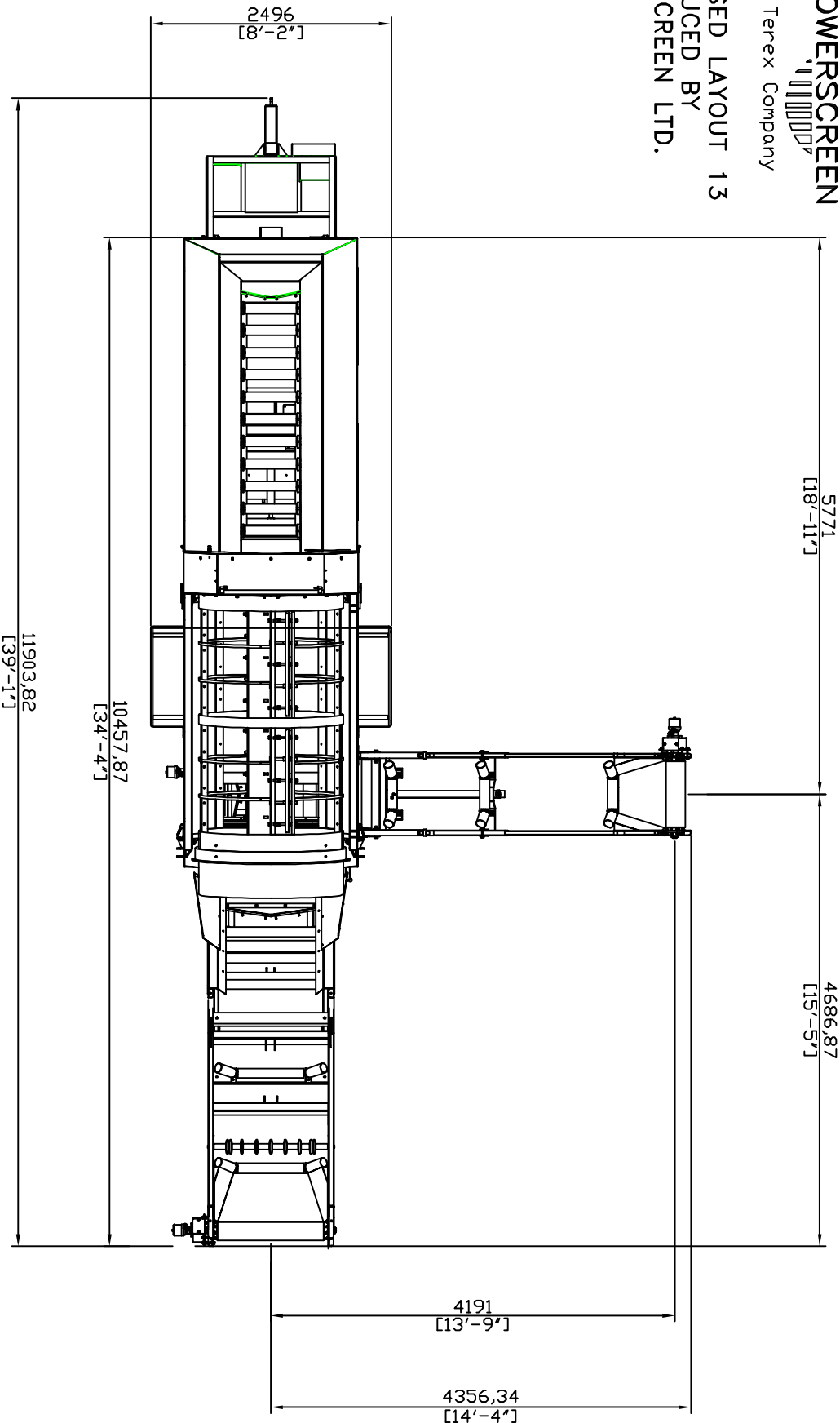



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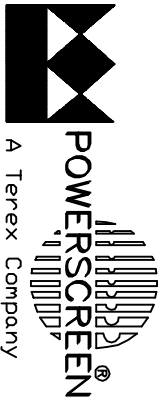
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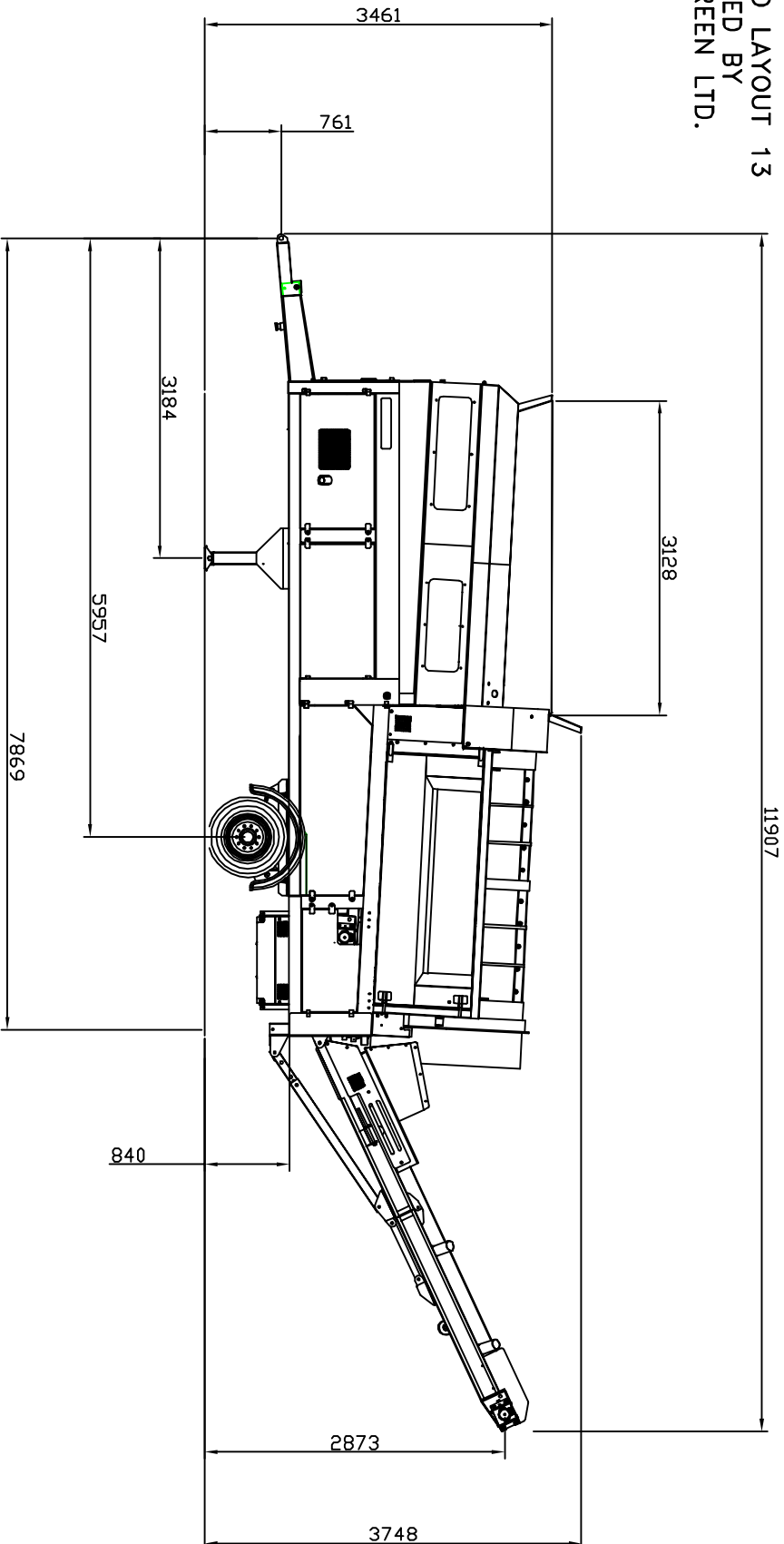
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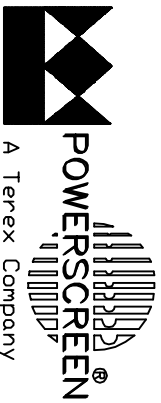


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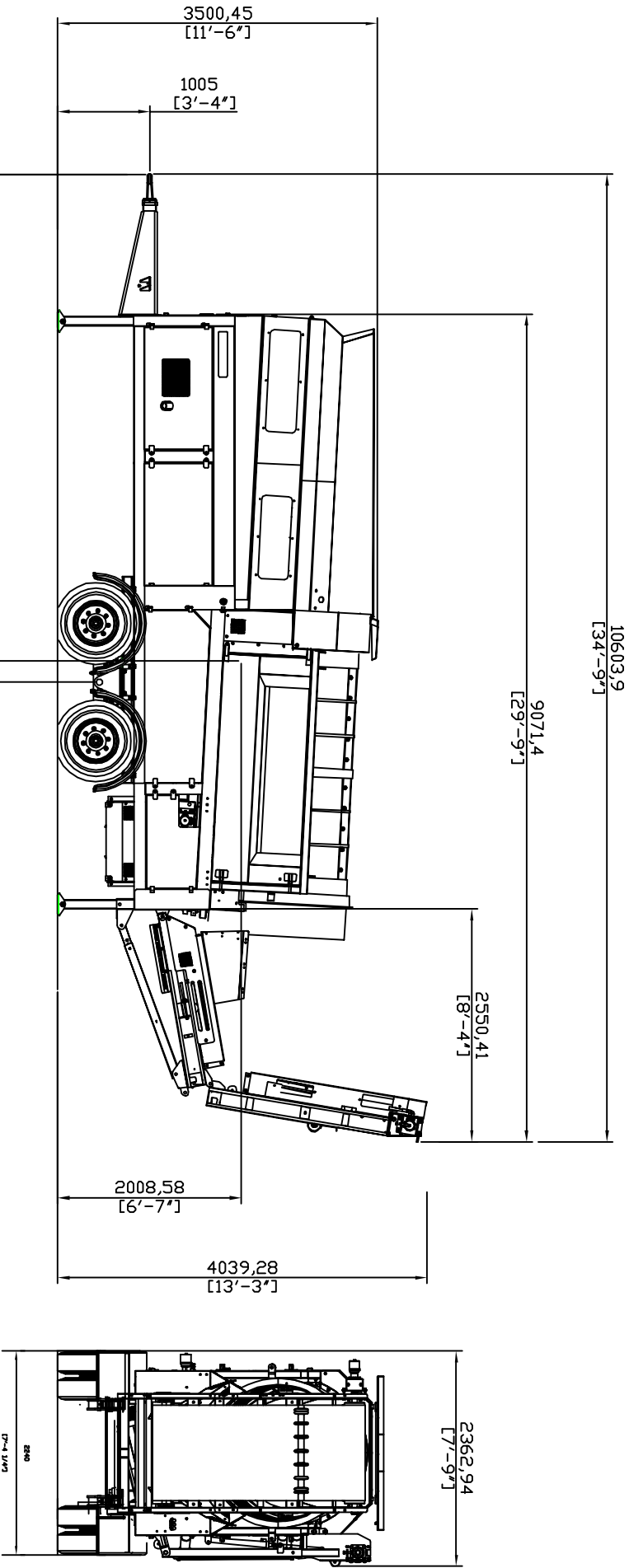


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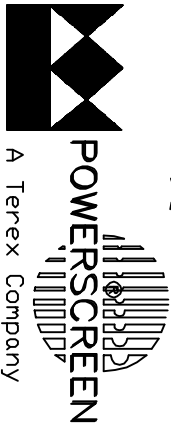
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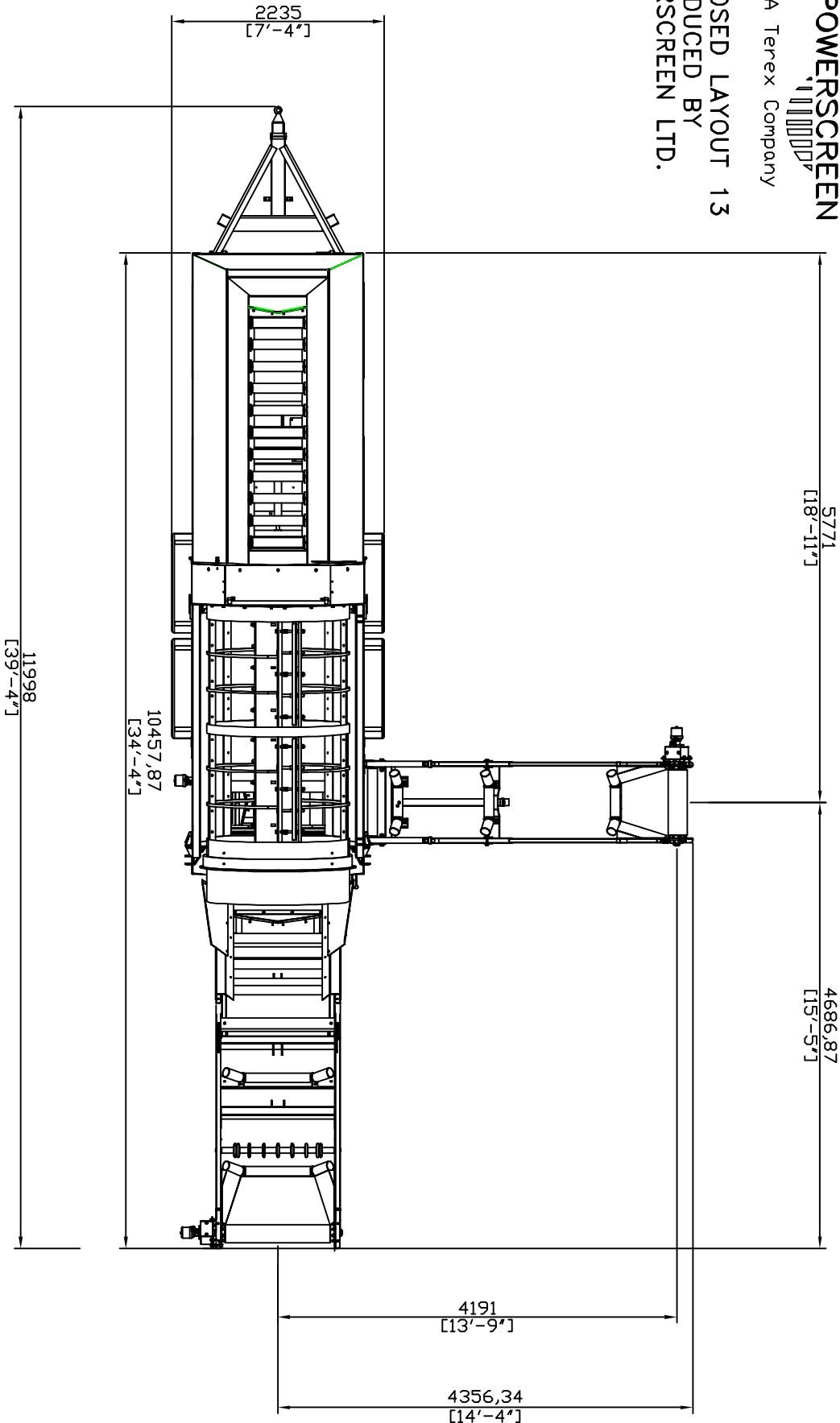



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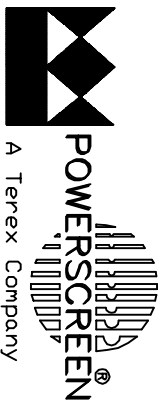
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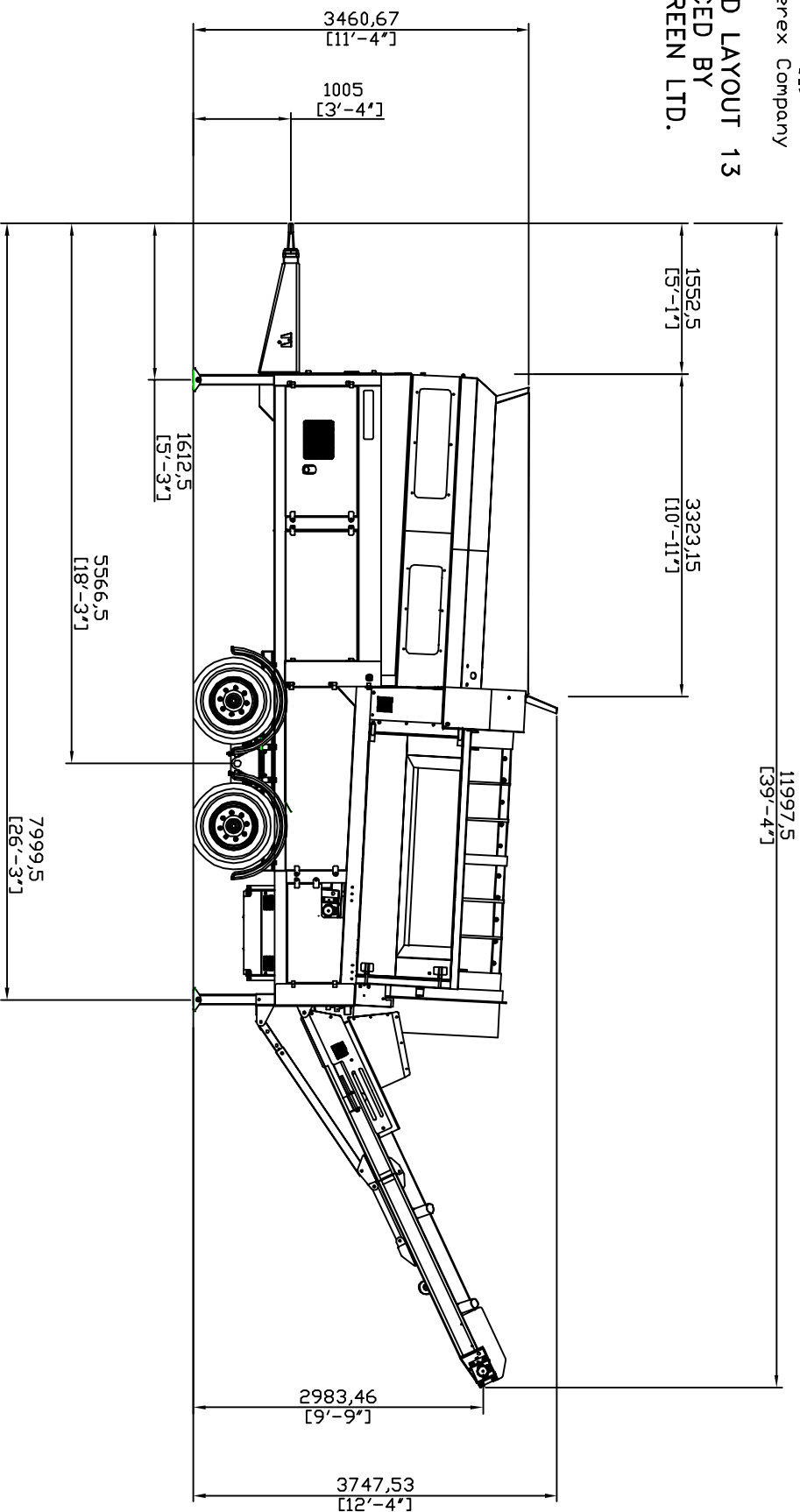
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