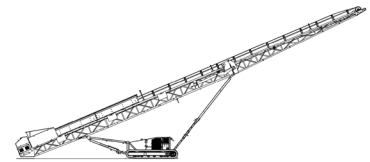


SPECIFICATIONS: ST80T



Note: Optional equipment may be displayed



DESCRIPTION

Heavy duty mobile tracked stockpiling conveyor with the following features:

- 900 mm (36") wide heavy duty 80' long conveyor
- 36.5 kW (49 hp) diesel engine
- On-site track mobility
- Large feed hopper
- Hydraulic folding frame for easy transport
- Fast on-site setup time (5 minutes)
- Abundant service room inside the power-pack
- Adjustable hopper height to optimize operational efficiency

DIMENSIONS AND WEIGHTS

Working Dimensions

Length	25.24 m (82' – 9 ½")
Width	2.49 m (8' – 2")
Height	9.88 m (32' – 5")

Transport Dimensions

Length	15.75 m (51' – 8")
Width	2.49 m (8' – 2")
Height (approximate)	3.42 m (11' – 3")

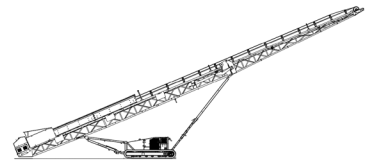
Weight (approximate).....	11 400 kg (25 000 lbs)
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CONVEYOR

Belt width.....	900 mm (36")
Belt length	24.38 m (80') drum centers
Belt spec	Heavy Duty Plain 36" – 3ply – 3/16 X 1/16
Drive drum diameter	355 mm (14")
Tail drum diameter	304 mm (12")
Motor	Eaton 630 cc/rev (38.4 cu.in/rev)
Flow rate	96 LPM (25.4 US GPM)
Adjustable speed	Yes
Drive drum maximum speed	152 rpm
Belt maximum speed	167 m/min (548 ft/min)

CAPACITIES

Stockpile height.....	10.0 m (32' – 10")
Stockpile capacity	1556 m ³ (2035 yd ³)
Production	500 TPH (standard)
Optional Production (Power Unit Upgrade)	800 TPH (maximum)



POWERUNIT AND HYDRAULICS

Engine power	36.5 kW (49 hp)
Engine speed	2400 rpm
Flywheel Pump	Permco 40cc (2.48 ci) cast iron
Total system flow	96 LPM (25.4 US GPM)
Hydraulic tank capacity	440 L (116 US gal)
Diesel tank capacity	330 L (87 US gal)
Hydraulic Oil cooler	Yes

ELECTRICS

Start Siren	Yes (10 sec delay)
Engine shutdowns.....	<ul style="list-style-type: none">• Low oil pressure• High engine temp
Umbilical controlled tracks	Yes
Radio controlled tracks	Standard

TRACKS

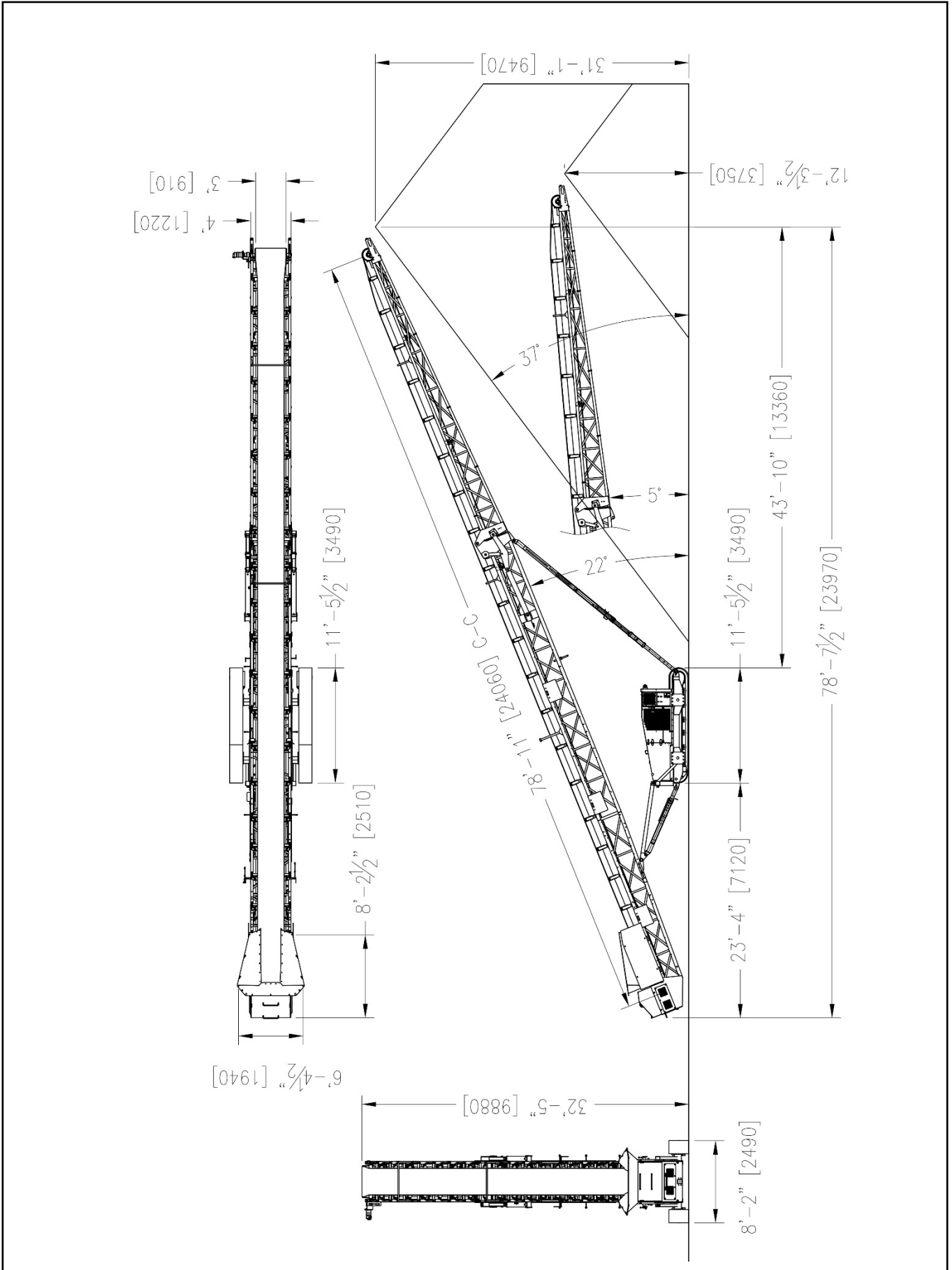
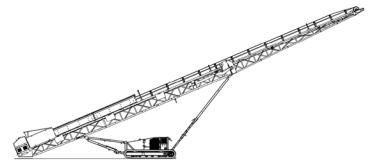
Width	400 mm (1' – 3 3/4 ")
Length	2470 mm (8' – 1") centers
Height.....	594 mm (2' – 5")
Ratio	141:1
Motor	30 cc (1.8 cu.in)
Speed max	1.2 km/hr. (0.75 mph)
Flow rate	48 LPM (12.7 US GPM)
Attachment to chassis.....	Bolt on for quick change
Optional 4m Track	

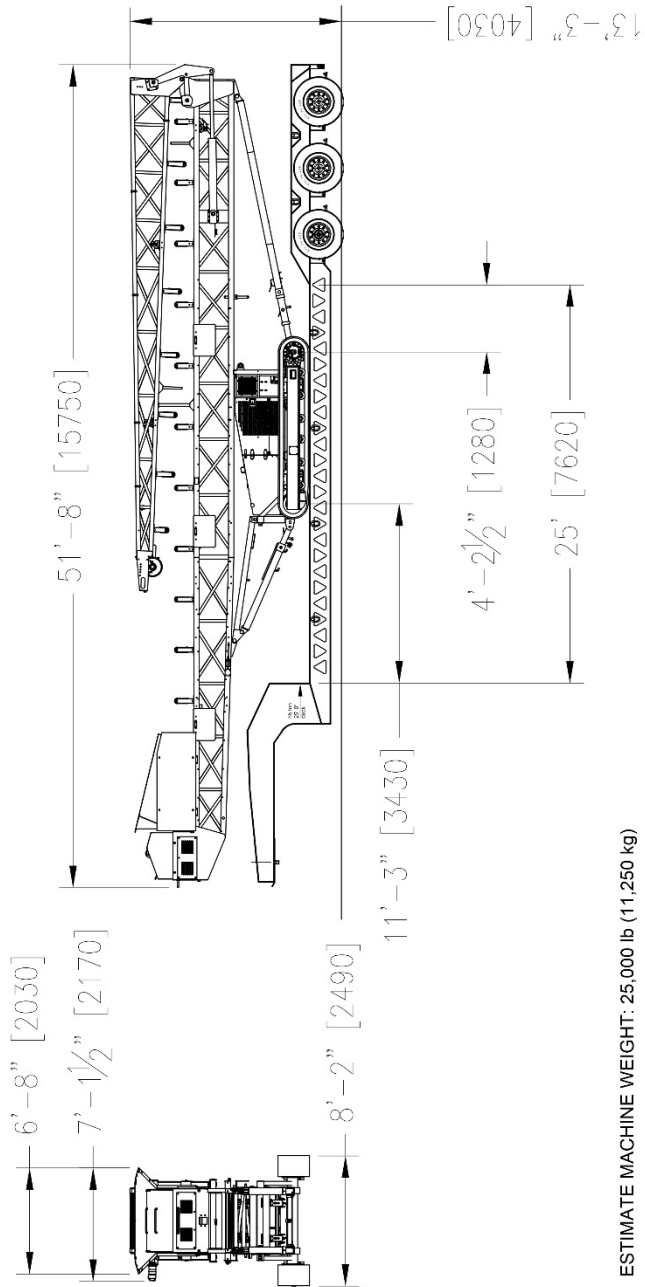
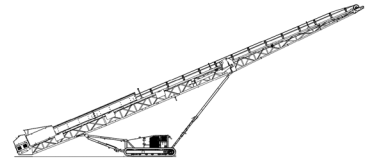
STANDARD FEATURES

External belt alignment points
Remote grease lines
Engine safety shutdown systems
Full safety guarding for pinch points

OPTIONS

Landing Gear	Magnet Material Separator
Belt Scale	Anti-Segregation Paddle Wheel
Spray Bar	Auxiliary Guarding
Chevron Belt	Hopper Wing Plates
Asgco Scraper	Hopper Wear Plate Liner
Impact Idlers Under Hopper	TimBin - Large Hopper Bin (450tph)"
Lift Axle	





ESTIMATE MACHINE WEIGHT: 25,000 lb (11,250 kg)