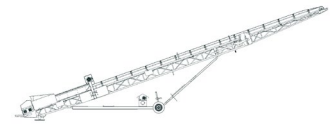


# SPECIFICATIONS: ST100E





## DESCRIPTION

Heavy duty mobile wheeled stockpiling conveyor with following features:

- 900mm (36") wide heavy duty 100' (30.48 m) long conveyor
- 22 kW (30 hp) electric motor
- Road towable
- Air brakes, mud flaps, lights
- Hydraulic folding frame for easy transport
- Fast on-site setup time (5 minutes)

## DIMENSIONS AND WEIGHTS

### **Working Dimensions**

Length .....	32.05 m (105 – 2")
Width .....	3.36 m (11' – 0")
Height .....	12.05 m (39' – 6 ½ ")

### **Transport Dimensions**

Length .....	22.41 m (73' – 6 ½ ")
Width .....	3.33 m (10' – 11")
Height .....	4.41 m (14' – 5 ½ ")

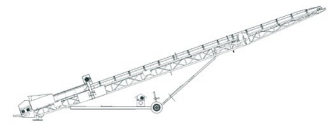
Weight (approximate) .....	9 100 kg (20 000 lbs.)
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## CONVEYOR

Belt width .....	900 mm (36")
Belt length .....	30.48 m (100') drum centers
Belt spec .....	Heavy Duty Plain 36" – 3ply – 3/16 X 1/16
Drive drum diameter .....	355 mm (14")
Snub drum diameter .....	305 mm (12")
Head drum diameter .....	355 mm (14")
Tail drum diameter .....	305 mm (12")
Drive drum maximum speed .....	120 rpm
Belt maximum speed .....	152 m/min (550 ft/min)

## CAPACITIES

Stockpile height .....	12.57 m (41' – 3")
Stockpile capacity .....	3599 m <sup>3</sup> (4707 yd <sup>3</sup> )
Radial pile capacity at 90° .....	12649 m <sup>3</sup> (16544 yd <sup>3</sup> )
Production .....	500 TPH (standard)



## POWERUNIT AND HYDRAULICS

Motor .....	Electric, TEFC
Motor power .....	22 kW (30 hp)
Motor speed .....	1750 rpm
Reducer .....	Dodge TA4207 H15
Adjustable speed .....	Yes
Hydraulic oil cooler .....	No
Hydraulic pump power .....	5.5 kW (7.5 hp) TEFC 1750 rpm
Hydraulic system flow .....	15 LPM (4 US GPM)
Hydraulic oil volume .....	113.5 L (30 US Gal)

## STANDARD FEATURES

- External belt alignment points
- External grease points
- Engine safety shutdown systems
- Ground level greasing on all pulley bearings
- Full safety guarding for pinch points

## OPTIONS

- Chevron Belt
- Asgco Scraper
- Belt Scale
- Spray Bar
- Anti-Segregation Paddle Wheel
- Auxiliary Guarding
- Hopper Wing Plates
- Hopper Wear Plate Liner
- Impact Idlers Under Hopper
- Hydraulic Axle Extensions
- Hydraulic Axle Jacks
- Hydraulic Axle Pivot
- Landing Gear
- Powered Wheel Drive
- Magnet Material Separator

