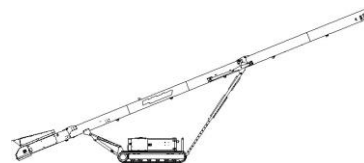


SPECIFICATIONS

ST36 X 100



OPTIONAL DIRECT LOAD HOPPER SHOWN

**DESCRIPTION**

Heavy duty mobile tracked stockpiling conveyor with following features:

- 900mm (36") wide heavy duty 100' long conveyor.
- 67Kw (90Hp) Kubota or CAT diesel engine.
- Track mobile.
- Large feed hopper
- Hydraulic folding for easy transport.
- Fast on site setup time – 5 minutes.
- Excellent service room inside Powerpack.
- Adjustable feedboot height to minimize impact.
- 1 machine transport in 2 HiTop containers.

DIMENSIONS AND WEIGHTS

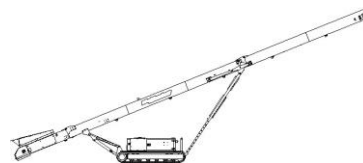
Length – working	30.7m (101')
Width – working	2.6m (8' – 6")
Length – transport	21.5m (70'-6")
Width – transport	2.6m (8' – 6")
Height – transport	3.4m (11' – 2")

CAPACITIES

Diesel tank capacity	348 L (92 US gal)
Hydraulic tank capacity	488 L (129 US gal)
Production	500TPH Standard
Optional Production	Up to 800TPH

CONVEYOR

Belt width	900mm (36")
Belt length	30.48m (100') drum centers
Belt spec	Heavy Duty Plain 400/3 5+1.5
Drive drum dia.	355mm (14")
Tail drum dia.	304mm (12")
Motor	Danfoss / Eaton OMV800, 800cc/rev
Flow rate	140 Lpm (37 US gpm)
Drive drum maximum speed	152 rpm
Belt maximum speed	167m/min (548 ft/min)
Stockpile height	12.6m (41'-3")
Stockpile capacity	3645 cu.m (4767)cu. Yds

**POWERUNIT AND HYDRAULICS**

Engine	Kubota V3600T or CAT C4.4 - Tier III
Engine power	67kW (90Hp)
Engine speed	2400 rpm
Flywheel Pump	Permco Cast Iron 3.94 cu.in
Total system flow	140 Lpm (37 US gpm)
Hydraulic tank capacity	380 L (100 US gal)
Hydraulic Oil cooler	YES

ELECTRICS

Chassis cabling	Armored cable
Start Siren	YES – 10 sec delay
Engine shutdowns:	Low oil pressure High engine temp Air filter blockage (selectable)
Radio control tracks	optional
Pendant track control	YES – plugged in at powerunit

TRACKS

Width	400mm (1' – 3.75")
Length	2970mm (9' – 9") centres
Height	594mm (2' – 5")
Gearbox	TBA
Ratio	TBA
Motor	TBA
Speed max	TBA
Flow rate	56 Lpm (15.7 US gpm)
Attachment to chassis	Bolt On for quick change

OPTIONS

Heavy duty chevron belt
Radio remote control for tracks.
Rubber lined feedboot
Hardox lined feedboot
Feedboot extensions
Full conveyor belt side skirting
Direct Feed Hopper

SAFETY FEATURES

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