

# ANACONDA

CONVEYING THE FUTURE

Anaconda Conveyors USA, Inc. | 47 South Maple Street | Bellingham MA 02019  
Toll Free 800-285-5721 | FAX: 508-657-1632

## **INTRODUCING THE ST60 WHEELED CONVEYOR**



### *FEATURES:*

- Capable of handling up to 560TPH.
- Quick set up time typically under 20 minutes.
- High performance hydraulic system.
- Powerunit (optional) Diesel Hydraulic with Deutz D2011F  
Running at 2200 RPM developing  
27.5kw (37 Hp)

### *Product Specs:*

- Total weight 3200kg (7040 lbs)
- Width 2.35m (7'8")
- Length (transport folded) 12m (39'1")

Email: [sales@anacondausa.com](mailto:sales@anacondausa.com) - Web: [www.anacondausa.com](http://www.anacondausa.com)

All Specifications subject to change without prior notice



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### APPLICATIONS

- Sand and gravel
- Topsoil
- Coal
- Crushed stone

The ST60 is a mobile high capacity-stockpiling conveyor, which is strong and economical to run independently or as a coupling conveyor

The ST60 is versatile and can be used on its own or with other screening plants.

Its portability allows it to work in confined spaces and also where heavier conveyors would find it impossible to manoeuvre.

The ST60 consists of a radial wheel axle, feedboot, conveyor, powerunit (optional) and has a hydraulic raise lower front ram.

#### *Feedboot:*

The feedboot directs the sand, gravel, coal etc. onto the conveyor belt.

#### *Conveyor:*

The main frame can be raised or lowered with a hydraulic cylinder giving alternate stockpiling heights. The conveyor belt can be either plain or chevron, 2 ply, 800mm (32"), 900mm (36") wide, or 1050mm (42") wide.

#### *Radial Wheels:*

The conveyor is mounted on two swiveling wheels to give radial stockpiling through an arc of approximately 180 degrees.

#### *Drive:*

- Self contained 37 H.P. Deutz diesel engine.
- Electric motor.
- ST60 Conveyors can be easily coupled to any plant machinery with an auxiliary circuit.

#### *Overall Dimensions:*

Maximum Stockpiling Height:	25'
Stockpile Capacity:	850cu yards

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## *HYDRAULICS:*

### *Hydraulic Pump:*

Ultra 2PL105

### Hydraulic Motor:

Eaton OMT 500 (OMV630 for 42")

### *Control Valve:*

Commercial KA18 at 207 Bar (3000 PSI)

### *Recommended Hydraulic Oil*

0 Deg. C - 30 Deg. C ambient temp, Shell Tellus 46 (or equivalent)  
+ 30 Deg. C ambient temp, Shell Tellus 100 (or equivalent)

### *Typical Operating Pressures:*

Empty: - 29 Bar (400 PSI)

Increase in pressure per 100  
Tonnes (112 U.S. Tons) per hour: - 29 Bar (400 PSI)

### *Conveyor Details:*

Conveyor Belt: - 2 ply 800mm (32") wide  
or  
2 ply 900mm (36") wide  
or  
2 ply 1050mm (42") wide

Drums outside diameter: - 273mm (10.75")

Drum speed (max.) Empty: - 145 rpm  
Full: - 135 rpm

Conveyor Belt Speed Empty: - 127 m/min (416 ft/min)  
Full: - 119 m/min (390 ft/min)

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