



STM1812-H, STM2412-H, STM3012-H

Conveyor



Unlimited Solutions
for Limited Resources

MINING RANGE

Mobile Stacker



Radial & Mobile Stacker Conveyor Features

Striker conveyors are mobile radial loading conveyors and have high capacity stockpiling abilities. They are strong and economical to run with no complicated foundation work and literally have a quick set up time of typically under 1 hour.

Conveyor Truss

The conveyor truss consists of heavy-duty lattice structure framework that is lightweight and strong. Striker conveyors are constructed from welded steel angle and bolted connections to provide greater capacity. The conveyors also have the ability for the end sections to fold for improved transportability.

Conveyor Belt & Related Items

The conveyor belt consists of multiple layers of reinforced nylon ply encased of rubber covers, with the carry side providing the thicker cover for longer wear life. Bolt up type take up rods allow the ability to tension and loosen the belt with the adjusting taking place on the tail pulley shaft located in heavy duty bearings on slide rails. The head and tail pulleys fabricated and machined from nominal pipe according to Striker standards and specifications required and lagged to provide greater traction to the belt. With the choice of electric or hydraulic drive, each are enclosed and weatherproofed with transmissions to suit.

Supplied on all Striker conveyors are two belt scrapers which each have easily replaceable rubber blades. One scraper is positioned at the head end of the conveyor scraping the dirty side of the belt while the other is a vee type situated just before the tail pulley preventing spilt material from becoming caught between the belt and tail pulley. The conveyor is fully guarded to mines department regulations.

Idlers

Three roll trough idlers are the main carrying idlers on the conveyor. The number off these is dependent on the length of the conveyor, but otherwise they are equally spaced up the truss (optional adjustable transition idlers are also available). Positioned at the tail, underneath the receive hopper, are impact idlers. These help with absorbing some of the shock taken from loading. On the return side of the belt, suitable sized return steel rolls are strategically placed on the underside of the conveyor and have individual easy replacement properties.

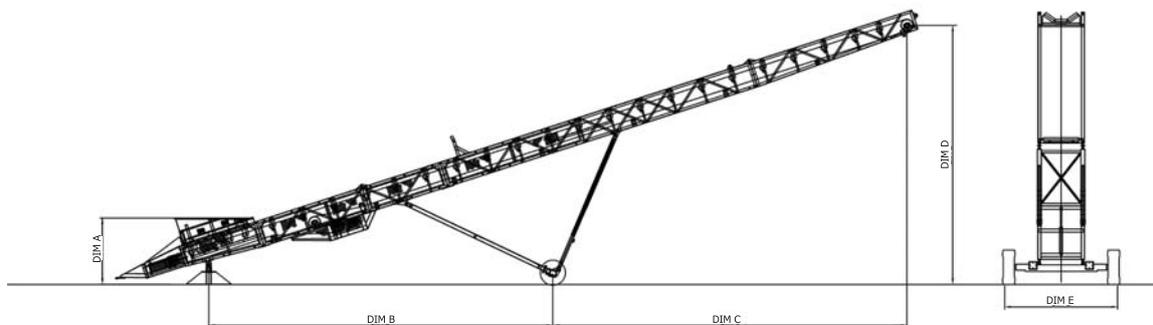
Mobility & Stockpiling Information

Each conveyor has different stockpiling capabilities. Such variations as width, length and material are all factors to the size of a stockpile. Depending on the model, the conveyor is mounted on two swiveling wheels and a pivot at the tail end to give radial stockpiling through an arc of approximately 300 degrees. The main conveyor frame can be raised or lowered with the help of a hydraulic lifting cylinder, allowing the conveyor to alternate stockpiling heights.

Options

For options that are available to the client, refer to the following.

- Radial drive - hydraulic folding - Weigh scales
- Tungsten scrapers - Covers - Tow hitches
- Road axles - Brakes - Tail Drives



MODEL	DIMENSIONS					WIDTHS	
	DIM A	DIM B	DIM C	DIM D	DIM E	750	1000
ST-1500 SERIES	1860	6900	6100	5320	2940	✓	✓
ST-1800 SERIES	2010	8435	8514	6552	3550	✓	✓
ST-2400 SERIES	1980	10420	11165	8745	3660	✓	✓
ST-3000 SERIES	2075	15900	11450	10050	5500	✓	✓



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