



www.strikercrushing.com



Mobile Crushing & Screening

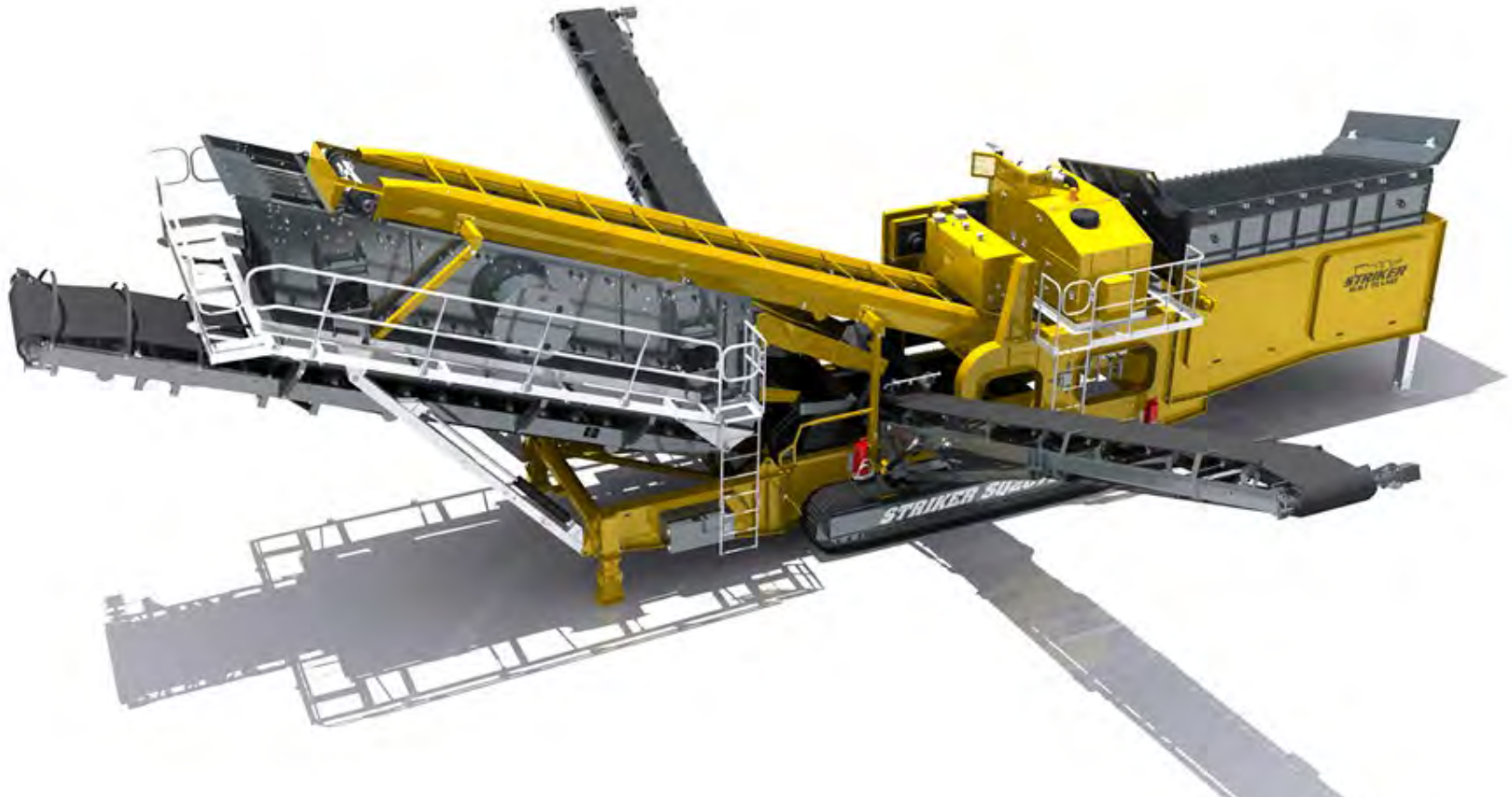
SQ2072

Features & Benefits









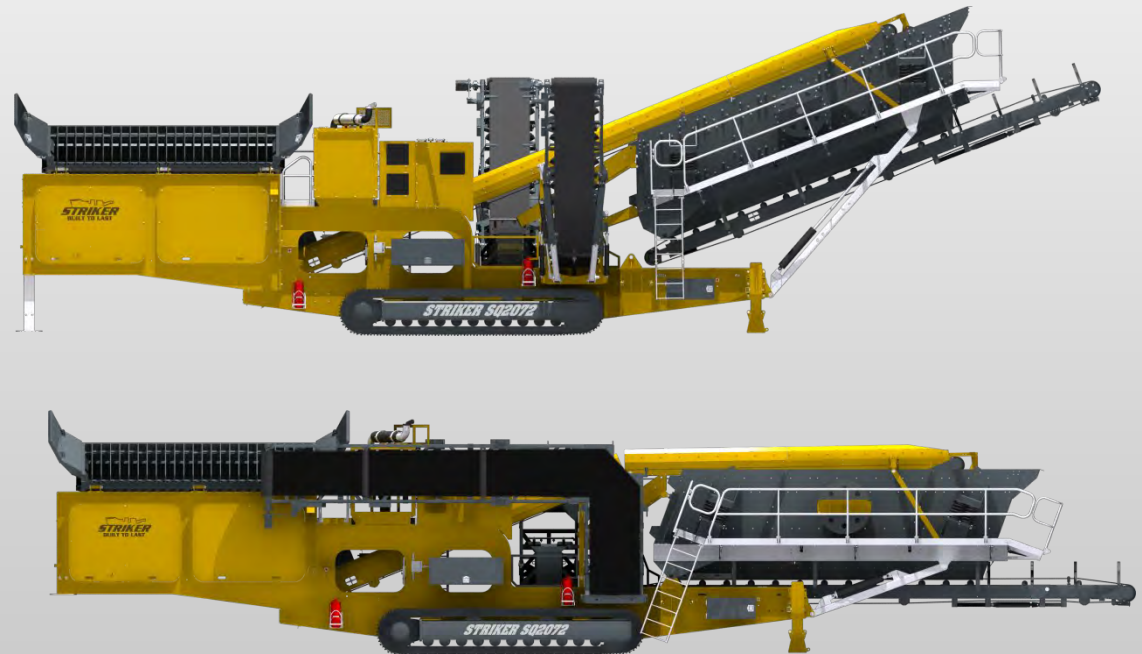
(SP02SI159-1900)

Tracked Screen SQ2072



Transport Dimensions

SQ2072	
Operating Dimensions:	
	19510mm 64'
	18353mm 60' 3"
	6009mm 19' 9"
Transport Dimensions:	
	18738mm 61' 6"
	3600mm 11' 10"
	3974mm 13'
Weight (T):	48.5T
Weight (lbs):	106,924lbs



Vibrating Grid

- Radio control tipping bofor steel
- Grid aperture: -125mm (5")

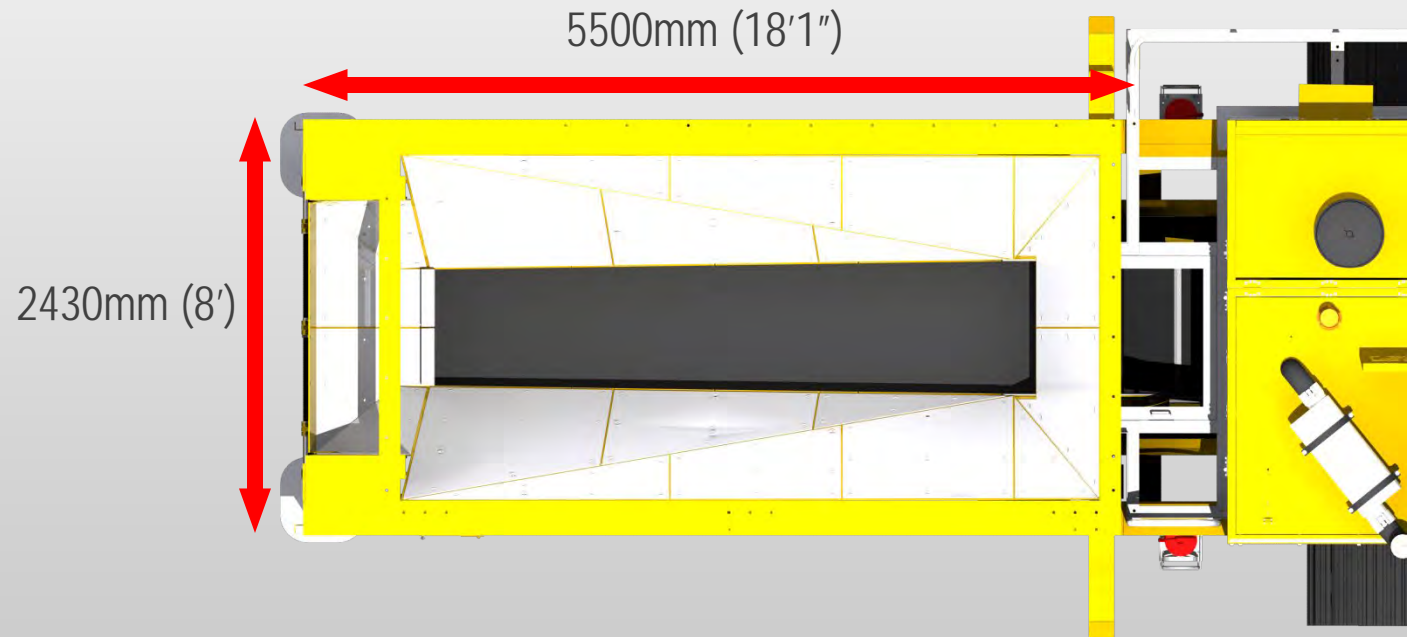


Feed Hopper

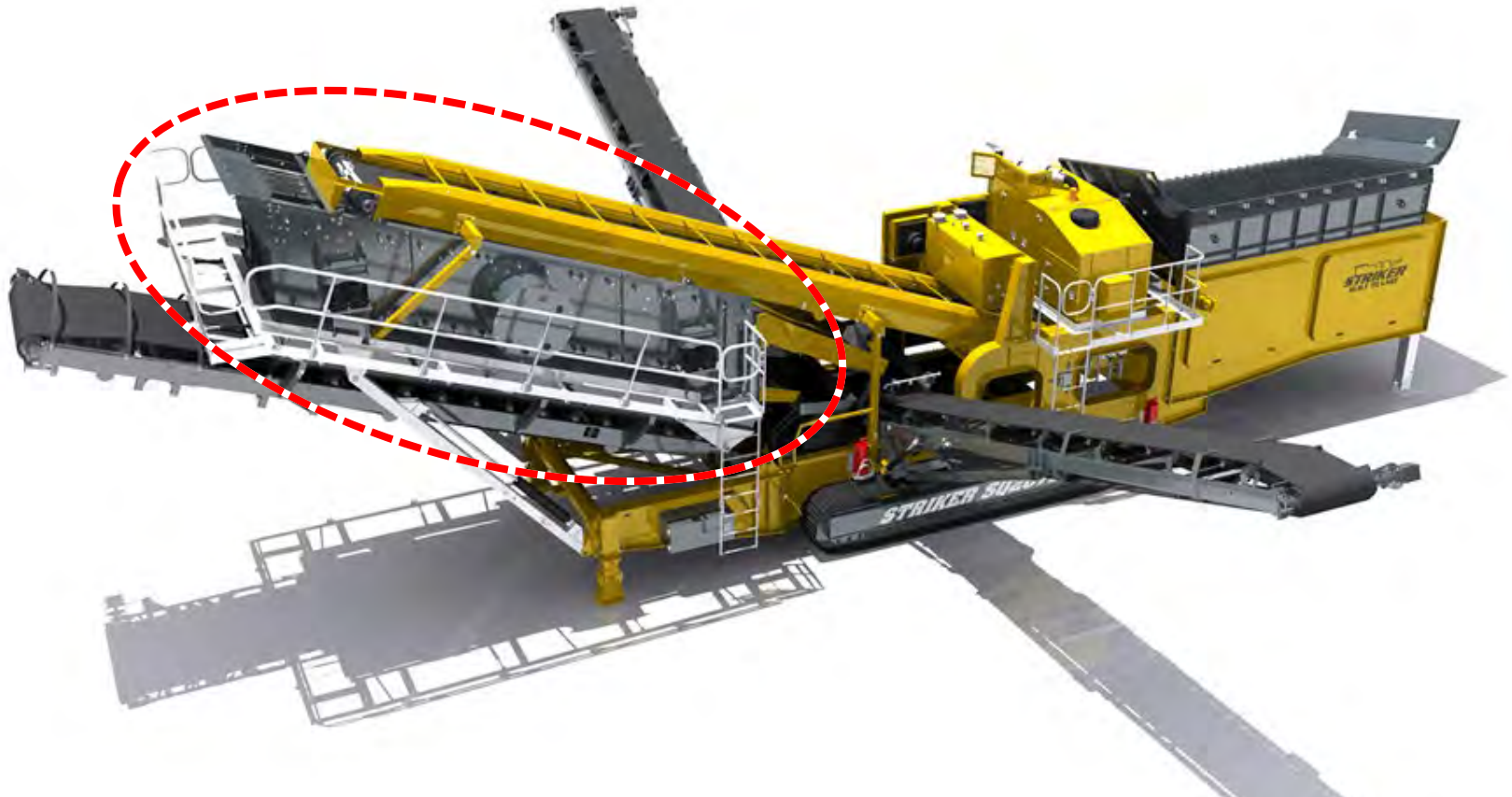
- | Loading Height – 4510mm (14' 10")
- | Feed Hopper Capacity – 12m³ (15.7yd³)
- | Feed type chassis c/w 4.3m hopper
- | Variable speed conveyor
- | Hydraulic landing legs



Feed Hopper Dimensions

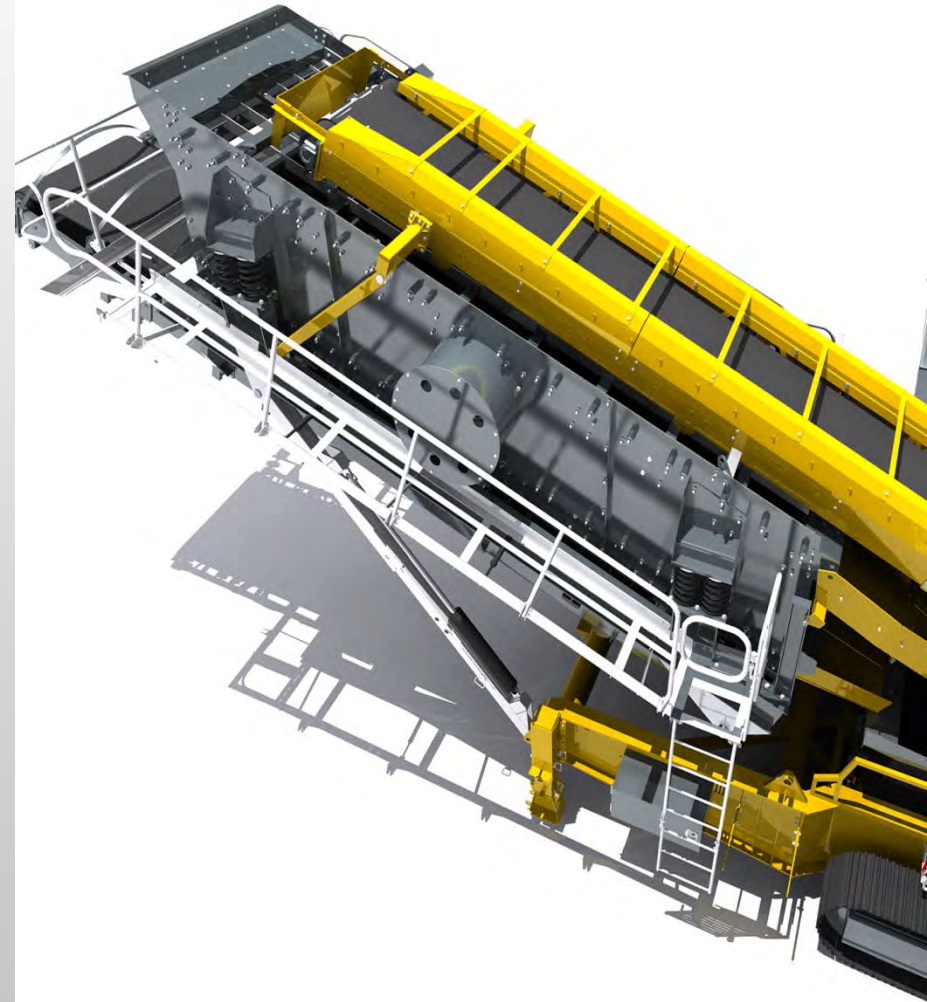


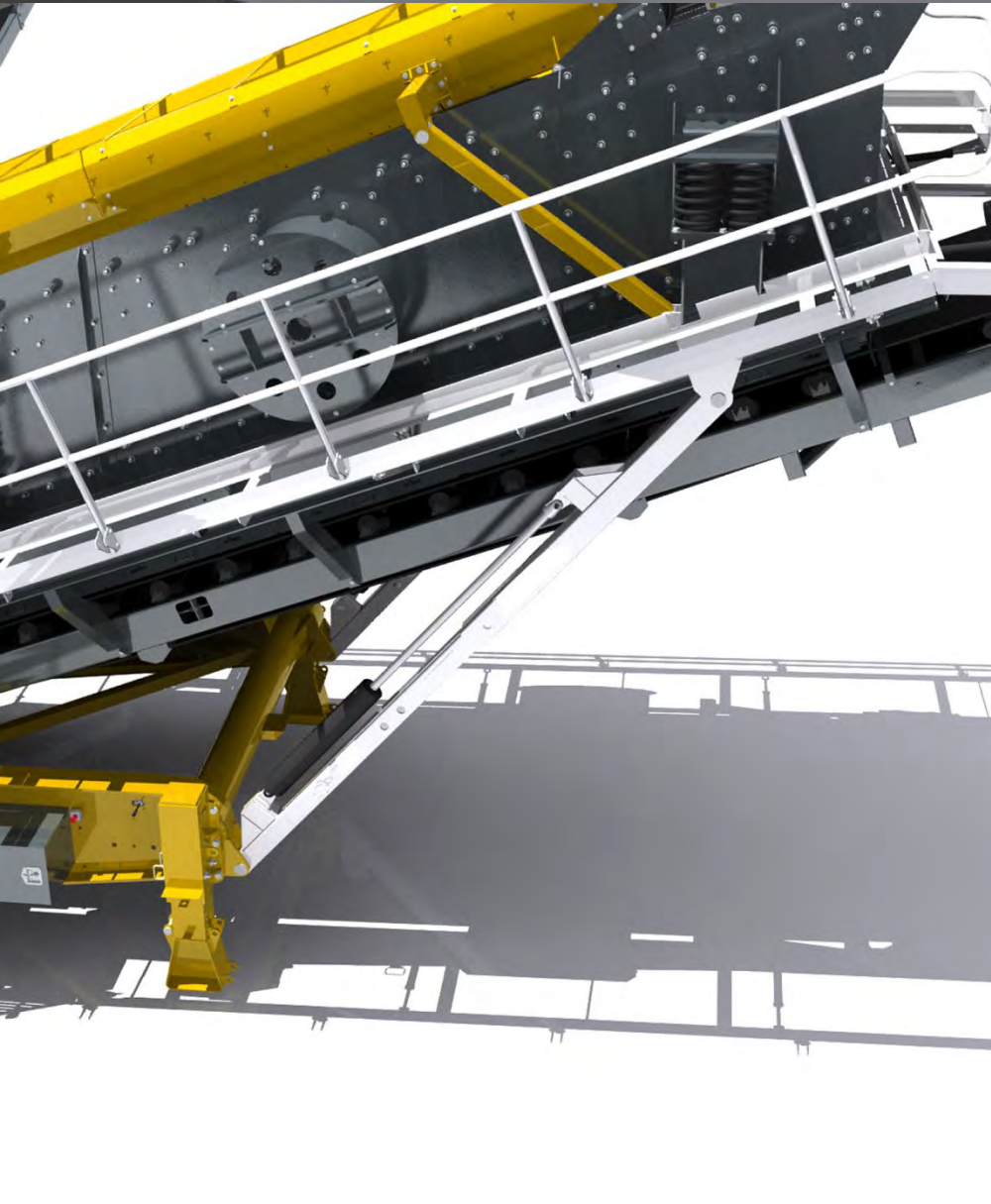
Screen



Screen Box

- 2 bearing screen box
- Double deck screen:
 - Top deck 6100mm x 2100mm (20ft x 7ft)
 - Bottom deck 6100mm x 2100mm (20ft x 7ft)
- Heavy duty screen box
- 6.0m x 2.1m (20' x 7') – top deck total length
- 6.0m x 2.1m (20' x 7') – bottom deck total length
- Breaker box c/w spreader plate and rubber sheeting at feed point
- Hydraulic screen angle adjustment
- Screen walkway & access ladder
- Screen blanket





Screen Angle

Screen angle can be adjusted
between 20°-30°

Hydraulically lifted into position

Rapid on site setup and operation

Complete flexibility onsite

Other Top Deck Types

Woven Mesh
Various
Apertures



3" Punch
Plate
Assembly

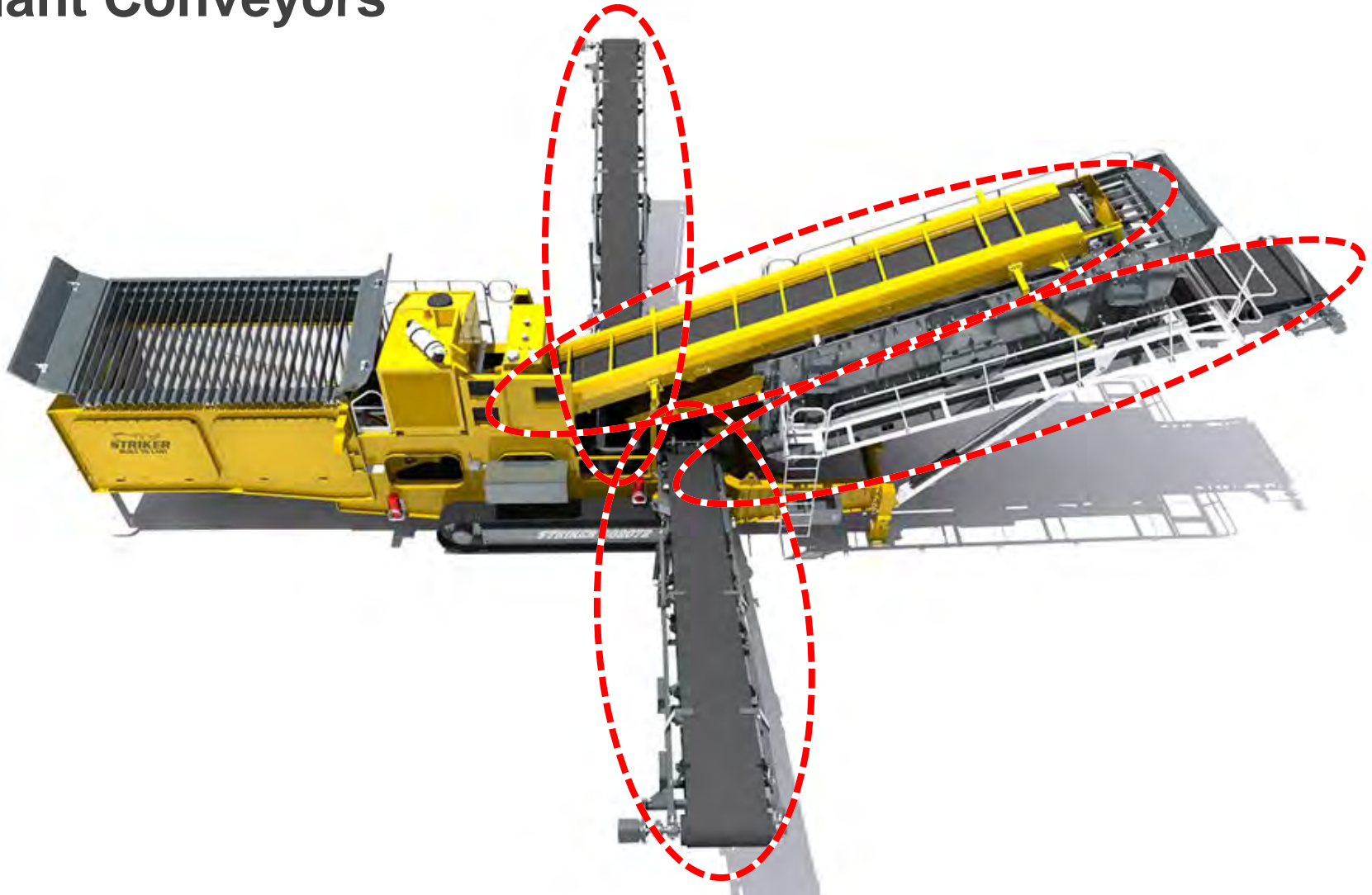
Screen Supports

Screen box is mounted independently from the chassis

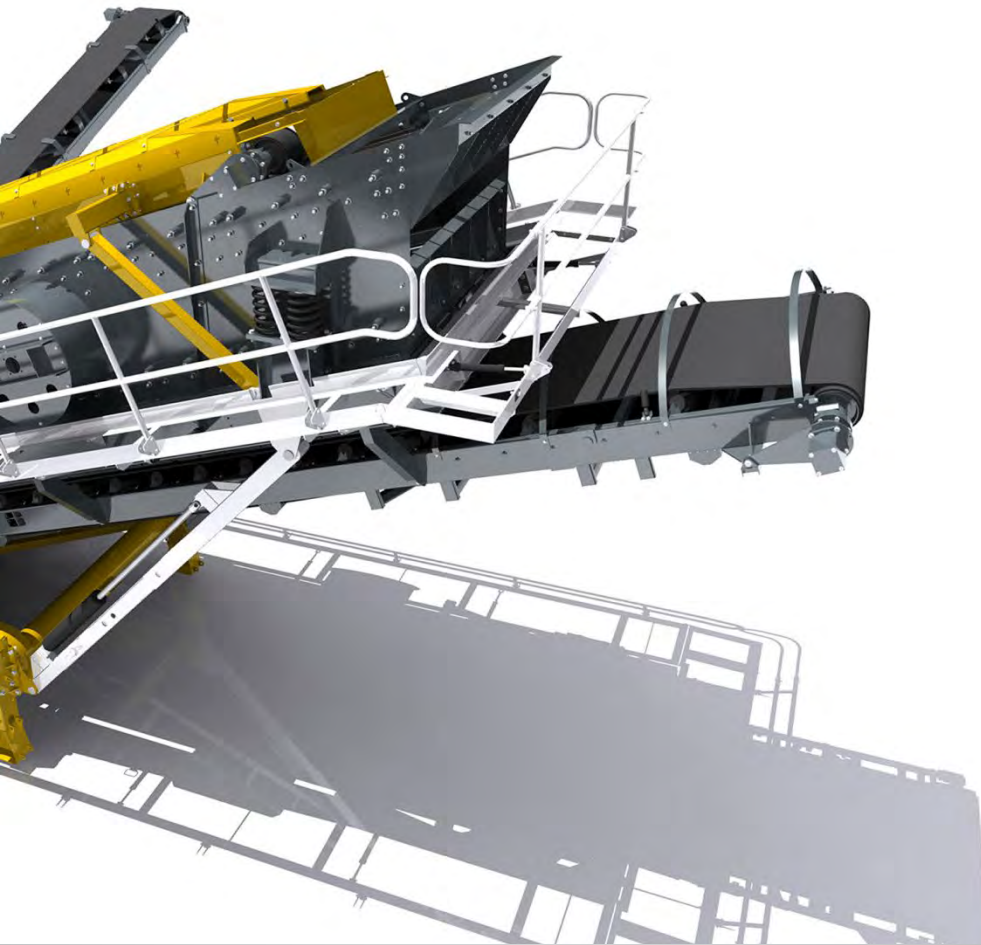
Four sets of two springs absorb the screens vibration to reduce stress on the main chassis



Plant Conveyors



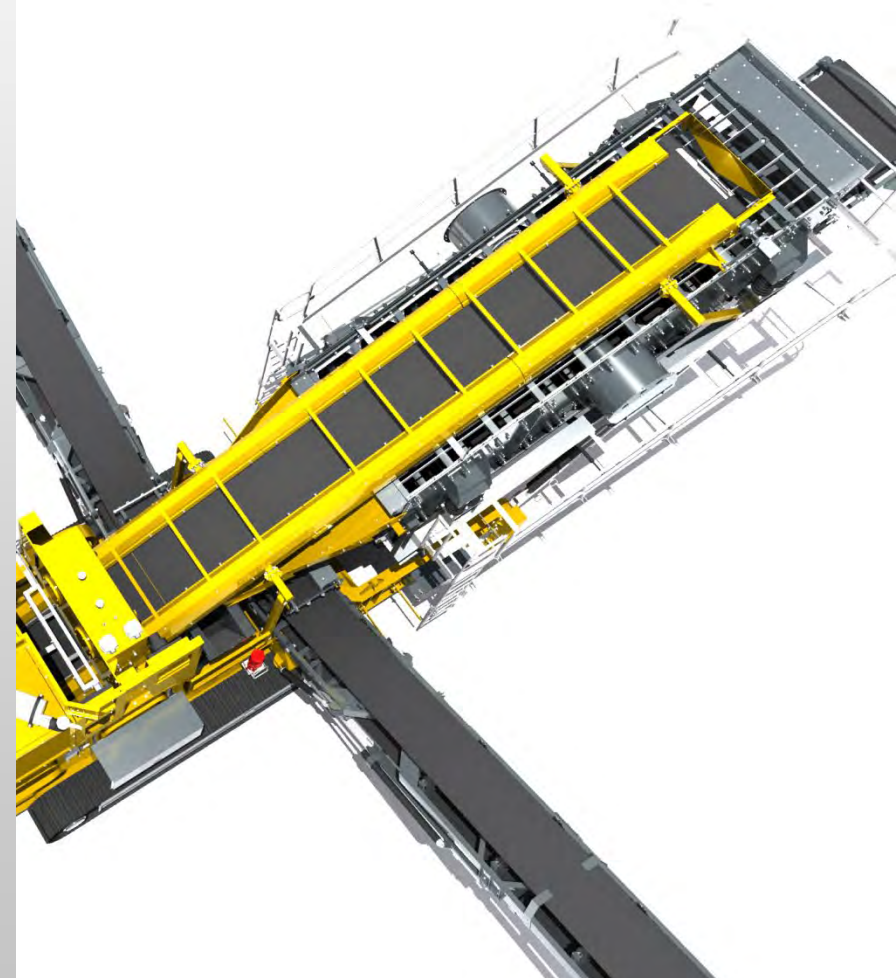
Fines Products Conveyor



- Heavy duty belt 1500mm (4' 11") wide
- Directly below the screen discharge the conveyor has impact bars which take the load of crushed material impacting the belt
- Discharge height of 4110mm (13' 6")
- Hydraulic open and close

Main Feed Conveyor

- Heavy duty 3 ply plain belt 1200mm (48") wide
- Fitted with adjustable rubber skirts and an adjustable spreader plate to disperse material evenly onto the screen
- Hydraulic adjustment
- Steel/rubber skirting incorporating anti-roll back deflectors



Side Conveyors

Heavy duty 3 ply chevron plain belt 750mm (32") wide

Hydraulically folding for transport to give a shorter transport length

Side conveyor discharge height of 4515mm (14' 10")

Hydraulic open and close

Variable speed control on each side conveyor



Belt Retainers

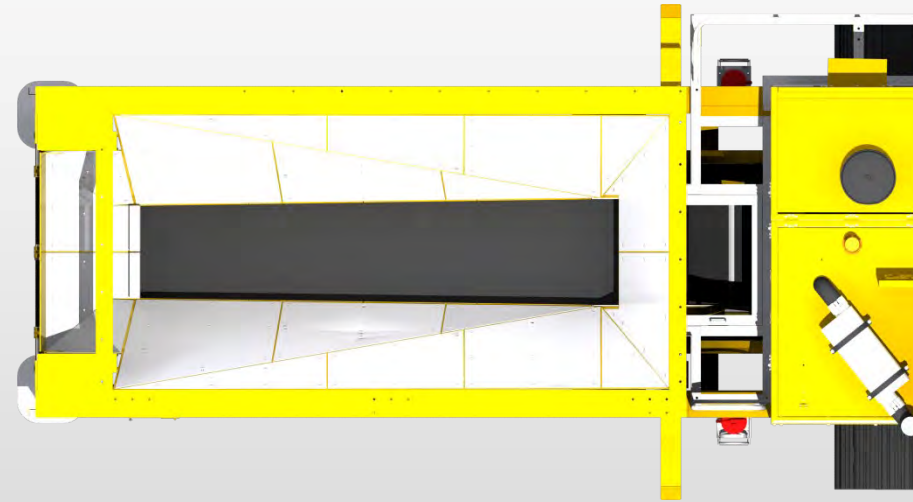
- | Side conveyor belt retainers fitted as standard
- | Prevents belt damage during transport



Belt Feed Conveyor

Heavy duty belt 1200mm (3' 11") wide and an extra wide opening reduces blockage

Support legs are galvanised



Powerpack

Powered by a CATERPILLAR® C7.1 tier 3 equivalent – 6 cylinder 151kW diesel engine

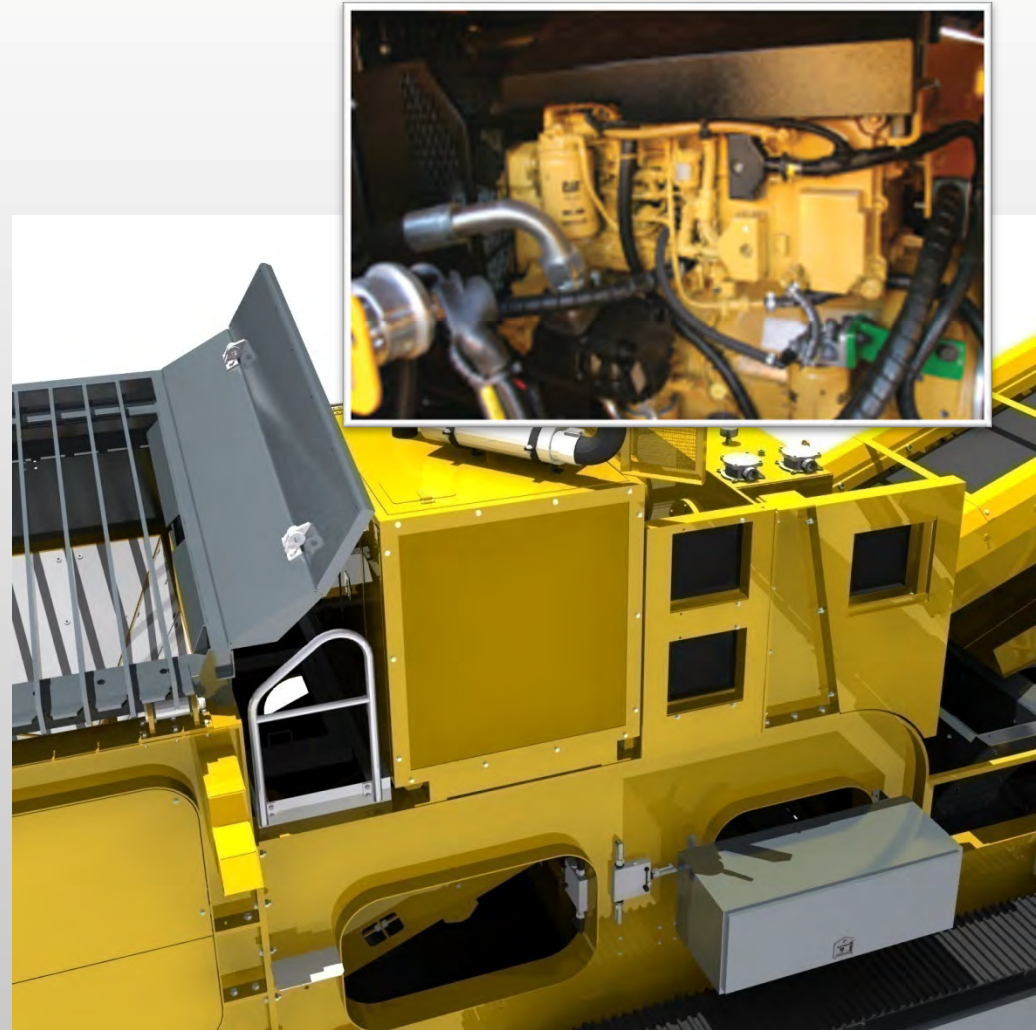
The engine complies with all current emission laws

Development in progress to update to Tier 4 type engine

Low level, easy access for maintenance via folding panel doors

Easy to maintain, reliable and efficient

Hydraulic Oil Grade 68



Fuel & Hydraulic Tanks

- 1000 litre (220 gal) standard capacity fuel tank
- Level indicator gauges
- Hydraulic oil filtration system and air filter
- Hydraulic oil cooler fitted as standard
- Lockable filler cap



Hydraulic Components

Easy access to hydraulic components for maintenance

Simple ON/OFF hydraulic blocks

The hydraulic system powers:

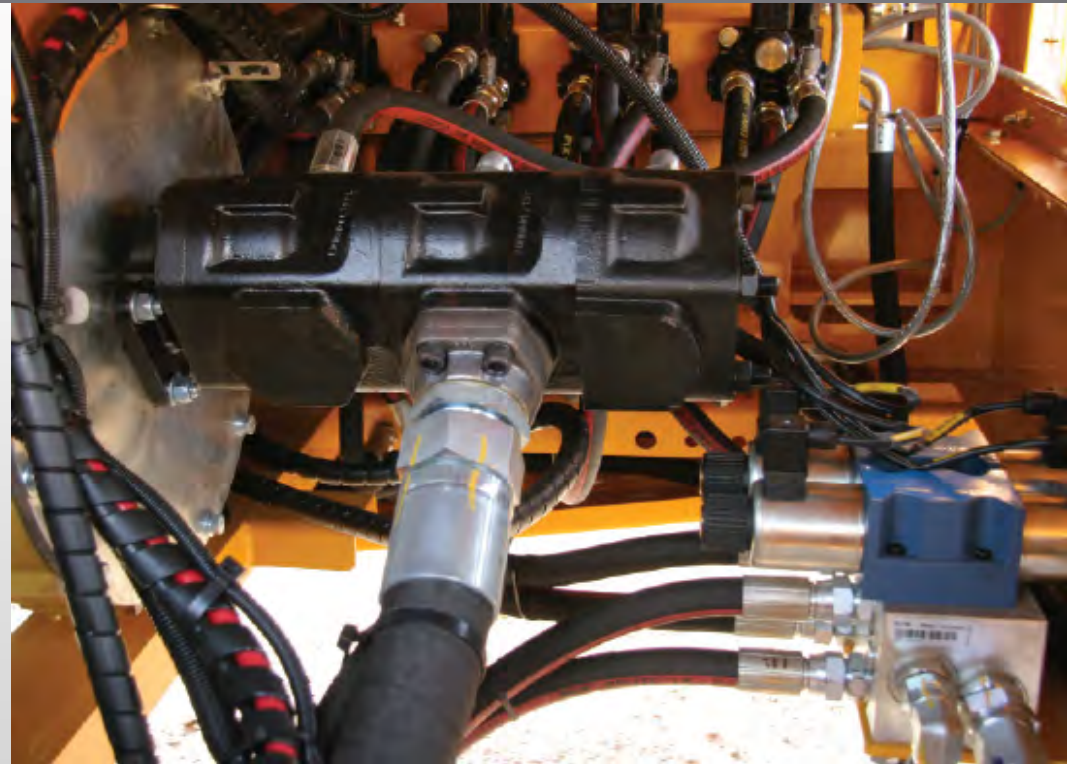
Feed hopper

Screen

Tracks

Oversize conveyor

Side conveyors



Manual Hydraulic Controls

Manual hydraulic levers power the following and are easy to operate and allow for quick setup and operation:

Feed Hopper

Screen

Oversize conveyor

Side discharge conveyors



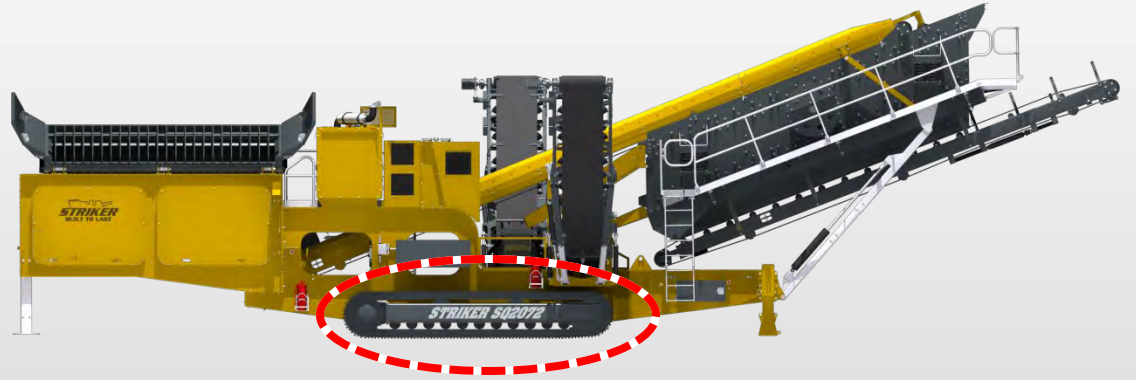
Controls

- Simple user friendly operation
- Clearly marked diagrammatic fault monitoring
- Low voltage system



Tracks

- Hydraulically driven crawler tracks
- Track centres 4100mm (13'5")
- Track shoe width 500mm (1'8")



Remote Control Unit

- Ergonomic, robust hand held remote control suitable for working environments
- Emergency stop button suitably located
- Left & right track movement forward & reverse
- Radio remote control unit



Options

- | Dust suppression system
- | Radio controlled tracks
- | Top deck mesh or punchplate
- | Wear resistance steel apron feeder or belt feeder
- | Arctic package for operating conditions – 20 °C
- | Desert package for operating conditions + 50 °C
- | Plant lighting tower
- | 3 meter air extension kit for engine air cleaner

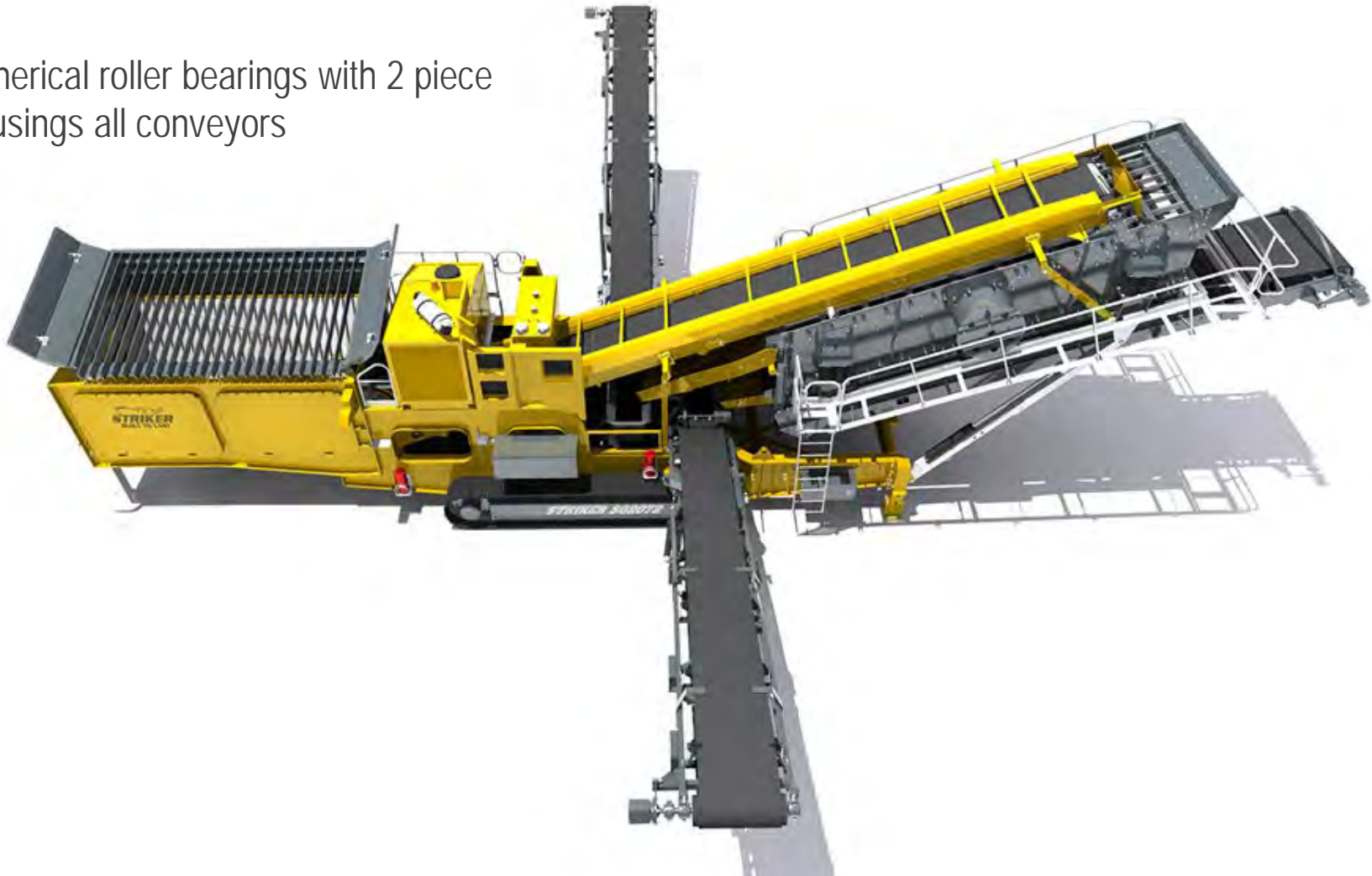
Vibrating Grid (Option)

- No grid
- Crusher feed chute



Conveyors (Option)

Spherical roller bearings with 2 piece housings all conveyors



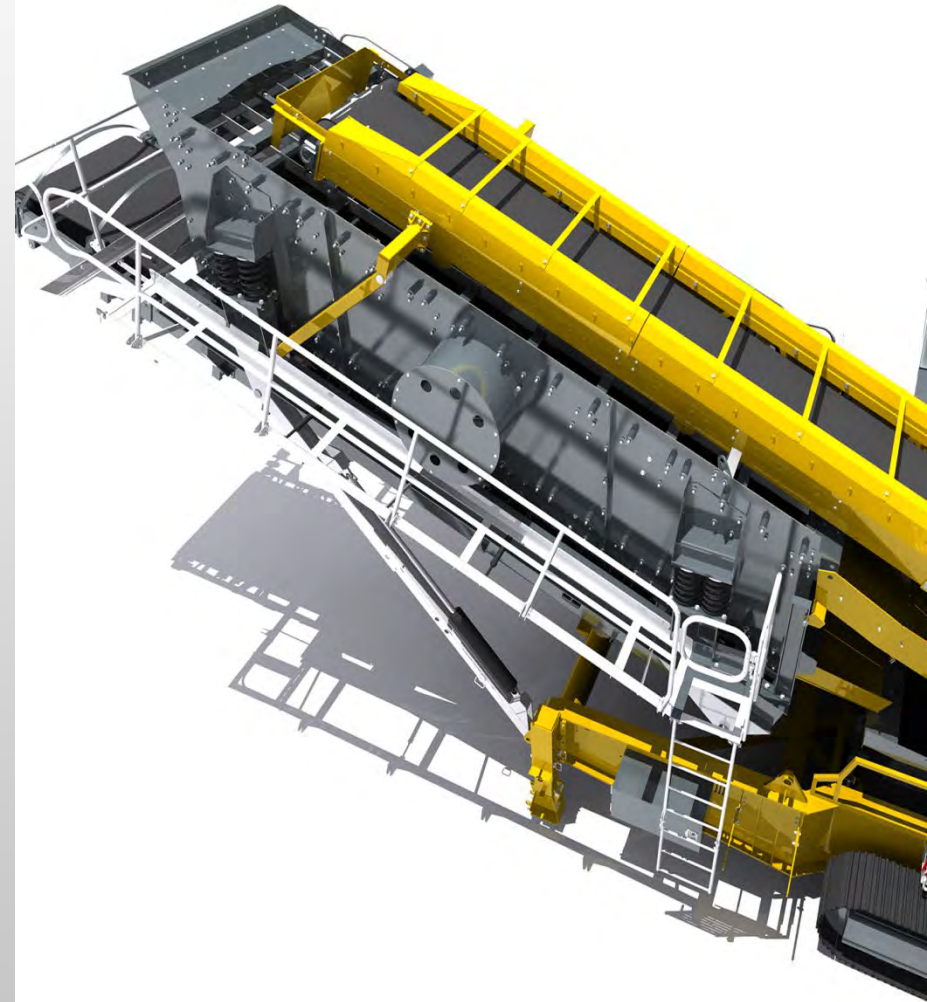
Powerpack (Option)

Powered by a CATERPILLAR® C7.1 tier 4F /
Stage IV – 6 cylinder 151kW diesel engine



Screen Box (Option)

Screen soft start and stop



Remote Control Unit (Option)

Umbilical remote control unit



Machine Safety Aspects

- | Nip point guarding
- | External conveyor belt adjustment
- | Remote greasing
- | 7 second engine start delay & siren
- | Warning siren to alert that the machine is tracking
- | Engine emergency stops

Selling Features Summary

Strong, reliable, robust heavy duty body designed & engineered web & flange chassis, fully welded & fabricated from high grade steel to withstand the rigors of operation & transportation

CATERPILLAR® engine as standard, compliant to industry regulations

Heavy duty tracks suitable for any environment

Extra wide product conveyor with full length rubber side skirts utilising wear resistant steel clamp plates. Maximised discharge height for product stockpiling

Hydraulically folding conveyor for compact transportation and rapid operational setup