



Portable Plants TXS720H Screen Plant



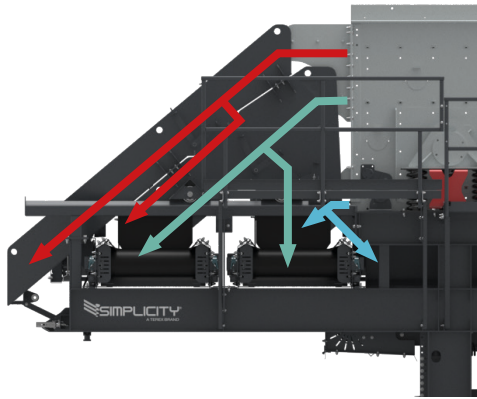
A world working better™

 **TEREX** MPS

Simplicity[®] Portable Plants

TXS720H Screen Plant

The Simplicity[®] TXS720H screen plant features the popular 7' x 20' ES Series screen, along with a flex shaft screen drive and roll-away blending chutes, making this a leader in the screen plant market. The wide conveyor belts handle peak load conditions easily. The plant is designed to get the most out of the screen so there is plenty of capacity to make the crushers the bottleneck in the circuit, not the screen.



Standard Features

7' x 20' 3 deck heavy-duty triple-shaft oval stroke screen

- Adjustable screen stroke angle and stroke length
- 5/16" (8mm) thick side plates and beam to beam braced decks
- Patent pending low maintenance surge dampeners/ship braces
- Patented triple-shaft lubrication system
- QuickLube connections for TOPS 2.0 filter system

Patented low maintenance 50 hp flex shaft screen drive

- No drive belt whip or tension idler
- No drive belt pull affecting screen movement
- Drive folds for travel without shaft disassembly

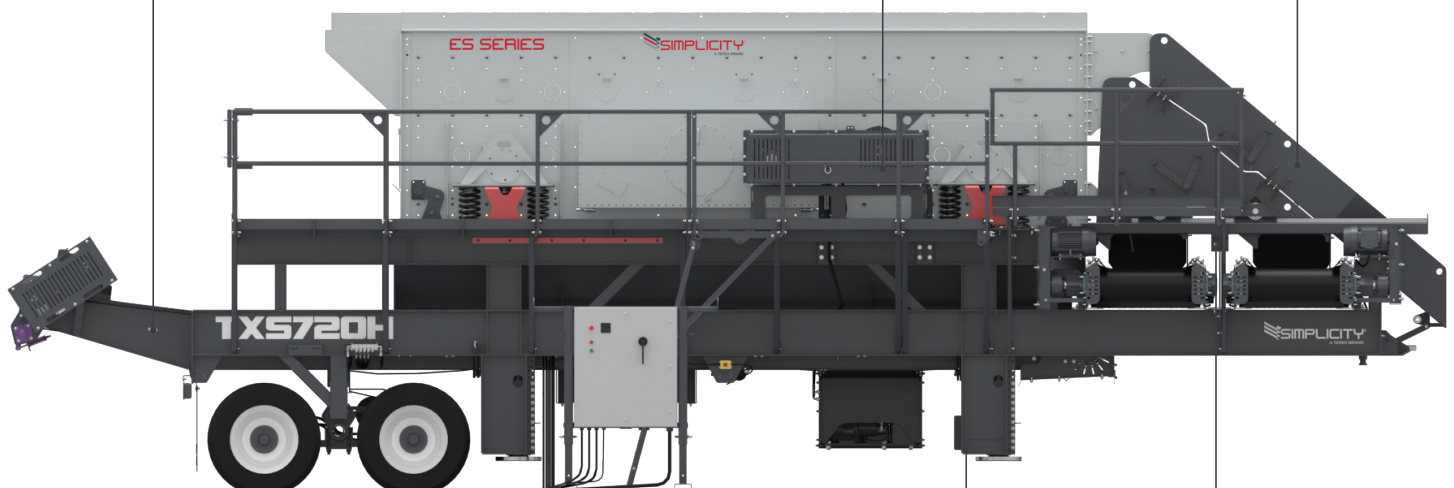
Heavy-duty roll-away blending chutes for screen cloth access

- Heavy 3/8" (9.5 mm) AR400 steel construction
- Roll away chutes (hydraulic optional)
- Four section (25%) blending gates allow for material to be blended down to a lower deck in 25% increments

- Standard extended fines conveyor
- Optional hinged fines conveyor folds for export

Flex shaft drive folds for travel

- Roll away blending chute
- Extended Walkway option shown



Shown with select options including extended walkways and electrical.

Standard crank style landing jacks

Walkways fold for travel

Clamp bar storage racks on feed end of screen walkway

Rugged heavy-duty conveyor systems

- Inclined 48" (1219 mm) 10 hp (7.5kW) fines conveyor
- Dual 36"(914 mm) reversible 7.5 hp (5.6kW) cross conveyors
- 3 ply belts with vulcanized belt splices
- Cema C class troughing idlers and rubber disk return idlers
- Class II shaft mount gear boxes with TEFC motors
- Belt centering side roller guides
- Easy access belt take-up (end pull on cross conveyors)

Extra-wide walkways on both sides and feed end of screen

- Fold down walkways for travel
- Non-skid surfaces can be shovel cleaned
- Extended walkway around screen drive motor
- Removable ladder

Heavy Duty I-Beam chassis

- 25,000 lb (11,340 kg) rated tandem axles
- Air brakes with spring applied emergency brakes
- Lights and mud flaps
- Eight 295/75 R22.5 tires and two crank-style landing jacks

Specifications	Dimensions		Horsepower	
Screen	7' x 20'	2134 x 6096 mm	50 hp	37 kW
Underscreen Conveyor	48"	1219mm	10 hp	7.5 kW
Cross Conveyors	36"	914 mm	7.5 hp	5.6 kW

Estimated Weights*	Kingpin	Axles	Total
Plant*	28,634 lbs 12,990 kg	35,540 lbs 16,120 kg	64,174 lbs 29,110 kg

*Calculated with select options including extended walkways, electrical and run on jacks

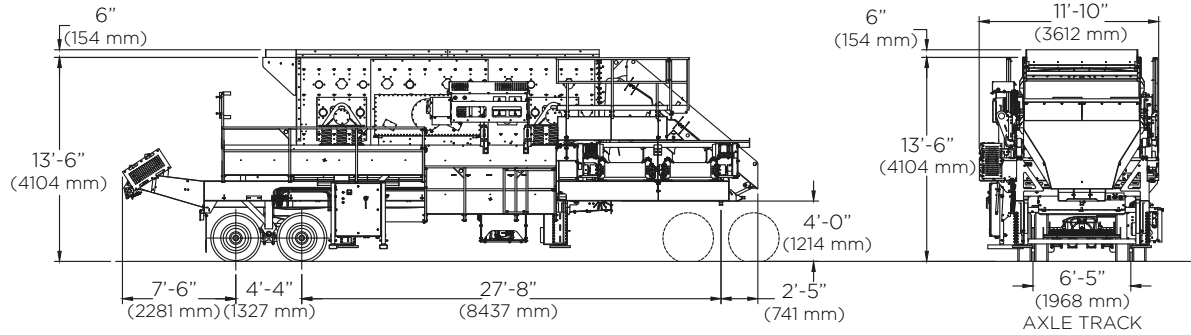
Screen Optional Equipment

- Custom decks including modular media, medium scalper, punch plate and end tension.
- Factory installed deck media
- Key wedge clamp bolts
- Top deck and feed box side extensions
- Thicker feed box liner
- Patented deck deflectors boosting screen effective area
- Magnetic screen deck liners for cross beams and diagonal braces
- TOPS 2.0 portable oil filter system

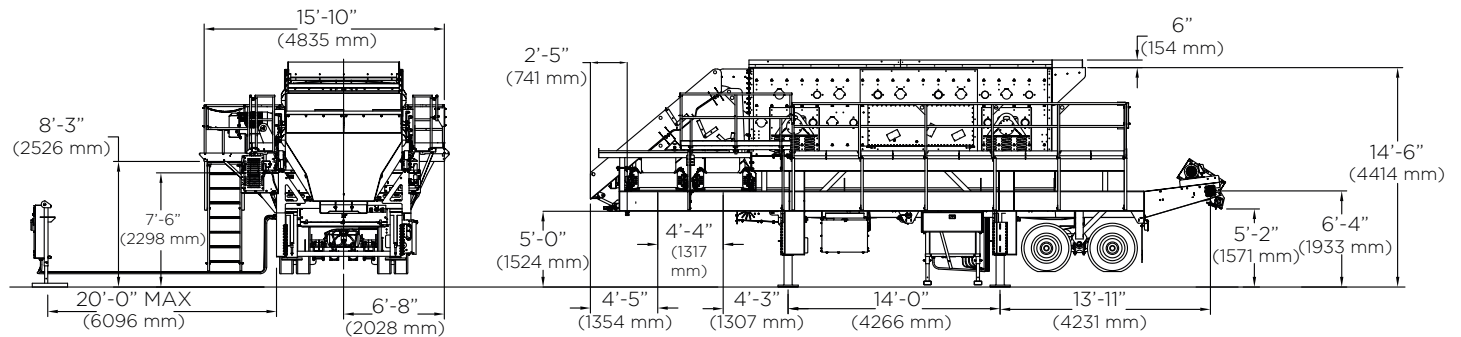
Chassis Optional Equipment

- Extended walkway both sides along chutes
- Hydraulic cylinder for roll-away chutes
- Removable switchgear panel and frame with 20' (6m) extra cable and cable wraps
- Two crank style rear levelling jacks
- Four hydraulic levelling or pinned run-on jacks
- Hinged fines conveyor for export
- Narrow bottom deck cross conveyor for enhanced blending
- Medium scalper rollaway chute
- Impact bed cross conveyor for middle deck overs
- Discharge chute for middle deck overs
- Anti-lock brakes and marker lights
- Oversize 315/80 R22.5 tires

Transport Dimensions



Operation Dimensions



www.terexmps.com/simplicity

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Failure to follow the appropriate Operator's Manual when using our equipment or failure to act responsibly may result in serious injury or death.

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