



Neuenhauser® 3F Track Starscreen

Technical Specification

Rev 2 01/17



Neuenhauser® 3F Track Starscreen

Star Screen

Specification

		3F Track
Total Weight		53,000 lbs
Transport	Length	44' 9"
	Width	9' 5"
	Height	12' 1"
Working	Length	52' 5"
	Width	35' 2"
	Height	14' 4"
Screen deck		22' 6" x 4' 1"
Powerunit		Diesel hydraulic drive

Features

-) High capacity (depending on feed size, mesh size and material type)
-) Heavy duty tracks
-) Emergency-shut off push button at control box and discharge belts
-) Electronic engine control and monitoring on LCD display
-) Hydraulically foldable discharge conveyors
-) Fines conveyor width 36"
-) Midsize conveyor width 36"
-) Feeding hopper approx. 10 yds³
-) Feed hopper is fitted a ripped drive belt to eliminate belt slippage
-) Central lubrication points with optional self greaser
-) Wireless remote control
-) Optional remote start/stop
-) Optional: Magnetic head drums, Auto greasing



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Star Screen

Hopper

Capacity: 10yds³
Loading height: 9' 6"
Belt width: 40"
Feed regulating auger with wear plates

Screen Unit

Fines Star Deck

Length : 22' 6" Width : 4' 1"
Screen area: 93ft²
Star size : 170, 230, 287, 300mm
(6.8", 9.1", 11.3", 11.8")
Star options: Rubber, polyurethane & self cleaning stars
Quick change modular deck

Over Star Deck

Length : 12' Width: 4' 1"
Screen area: 48ft²
Speed : Variable 0 – 230 RPM
Star size : 230, 287, 300mm
(9.1", 11.3", 11.8")
Star options: Rubber stars

Powerunit

Engine: John Deere diesel hydraulic drive
Performance: 130 kW/ 173 HP @ 2200rpm Tier 4 final
Cylinders: 4 cylinder water-cooled engine
Turbo-loaded with Air-to-air load cooling
Radiator: Flexaire reversible fan
Air clear: Turbo 2 cleaner



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Hydraulics:

Danfoss hydraulic motors

Steel hydraulic lines

Variable speed belts and star deck

Control Panel

Programmable controls

Recipe optimisation

Wireless remote control



Discharge Belts

Vulcanized belts

Fines Conveyor (wide & longer belt as std)

Width: 36"

Discharge height: 11' 5"

Speed: Variable



Midsize Conveyor (wide & longer belt as std)

Width: 36"

Discharge height: 11' 5"

Speed: Variable



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Options



Hopper:

- 4" Hydraulic tipping grid
- 4" Vibrating grid
- Material spill plate



Hopper:

- 4" Vibrating grid



Star Deck

- 3F (additional deck)
- Modular quick change fines decks
- Star size : 170, 230, 287, 300mm
(6.8", 9.1", 11.3", 11.8")
- Star options: Rubber, polyurethane & self cleaning stars



Windshifter

- Used to remove lights such as plastics
- Hydraulically folding



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