

Neuenhauser® NH6020H Trommel

Technical Specification

Rev 2 01/2017



Neuenhauser® NH6020H XL

Trommel Screen

Specification

		NH6020H
Total Weight		42,000 lbs
Transport	Length	43'
	Width	8' 4"
	Height	13' 1"
Working	Length	53'
	Width	20'
	Height	13' 1"
Screen drum		18' x 6' 7"
Powerunit		Diesel hydraulic drive

Features

-) Maximum feed size 6"
-) High capacity 350yds/hr (depending on feed size, mesh size and material type)
-) Wheel mounted unit with twin axle, 5th wheel tow
-) Emergency-shut off push button at control box and discharge belts
-) Electronic engine control and monitoring on LCD display
-) Hydraulically foldable discharge conveyors
-) Extra wide fines collecting conveyor belt, width 4' 7"
-) Side conveyor 16' 4" long, width 40", max. output 360 yds³/h
-) Rear conveyor 16' 4" long, width 40", max. output 360 yds³/h
-) Feeding hopper approx. 15 yds³
-) Feed hopper is fitted a ripped drive belt no avoid belt slippage



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Hopper

Capacity:	15 yds ³ (with 1 side extension)
Loading height:	10'
Width:	16' 4"
Depth:	5' 6"
Belt width:	48"
Performance:	up to 350 yds (depending on the material)



Trommel Drum

Length :	18'
Height :	6' 7"
Screen area:	440ft ²
Construction:	Punch Plate Spiral
Drive :	Chain & Sprocket
Speed :	Variable 0 – 21 RPM
Type:	Punch Plate and mesh drums



Powerunit

Engine:	John Deere diesel hydraulic drive
Performance:	74 kW/ 100 HP @ 2200rpm
Emissions:	Tier 4 final
Cylinders:	4 cylinder water-cooled engine Turbo-loaded with Air-to-air load cooling
Capacity:	4.4 Liter
Operating volts:	24V DC
Radiator:	Flexair reversible fan
Air clear:	Turbo pre cleaner



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Hydraulics:

Danfoss hydraulic motors

Steel hydraulic lines

Variable speed belts and drum

Discharge Belts

Over Size Conveyor

Width: 40"

Length: 17'

Discharge height: 13"

Speed: 1,4 m/s

Belt Specs: L75 EP400/3 3+1.5

Fines Conveyor

Width: 40"

Length: 17'

Handover height: 11' 4"

Speed: 2,8 m/s

Belt Specs: L75 EP 400/3 3+1.5 L30

1 piece belt to prevent spillage



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