



2F Wheel Star Screen



Standard Features

- 22' 6" x 4' 1" star deck
 - Screening area: 93ft² fines
 - Modular deck for quick change
 - Variable star speed
 - Rubber stars fraction 3/8" – 8"
-
- Feed regulating auger
-
- Diesel hydraulic powerpack
 - John Deere 125HP engine
 - Reversible radiator fan
 - Turbo II air cleaner
-
- Programmable PLC control system
 - Wireless remote control
 - Twin braking axle
 - 5th wheel tow
 - Light package
-
- 11' 9" fines conveyor discharge height
 - 13' 5" overs discharge height

Optional Features

- Hydraulic tipping grid
- Vibrating grid
- Wind Sifter
- Star sizes 170mm, 216mm, 230mm, 287mm & 300mm
- Polyurethane and self cleaning stars
- Auto greasing
- Magnetic head drum

Dimensions

Working Length	49' 10"
Working Width	18' 4"
Working Height	13' 5"
Transport Length	44' 11"
Transport Width	8' 4"
Transport Height	13' 1"
Weight	35,500 lbs

2F Track Star Screen



Standard Features

- 22' 6" x 4' 1" star deck
 - Screening area: 93ft² fines
 - Modular deck for quick change
 - Variable star speed
 - Rubber stars fraction 3/8" – 8"
-
- Feed regulating auger
-
- Diesel hydraulic powerpack
 - John Deere 125HP engine
 - Reversible radiator fan
 - Turbo II air cleaner
-
- Programmable PLC control system
 - Wireless remote control
 - Heavy duty tracks
-
- 10' 11" fines conveyor discharge height
 - 12' 6" overs discharge height

Optional Features

- Hydraulic tipping grid
- Vibrating grid
- Wind Sifter
- Star sizes 170mm, 216mm, 230mm, 287mm & 300mm
- Polyurethane self cleaning stars
- Auto greasing
- Magnetic head drums

Working Dimensions

Working Length	49' 10"
Working Width	19'
Working Height	12' 6"
Transport Length	45' 7"
Transport Width	9' 2"
Transport Height	11' 1"
Working Weight	48,500 lbs

3F Wheel Star Screen



Standard Features

- 22' 6" x 4' 1" fines star deck
- 12' x 4' 1" midsize deck
- Screening area: 93ft² fines; 48ft² mids
- Modular decks for quick change
- Variable star speed
- Rubber stars fraction 3/8" – 8"
- Feed regulating auger
- Diesel hydraulic powerpack
- John Deere 175HP engine
- Reversible radiator fan
- Turbo II air cleaner
- Programmable PLC control system
- Wireless remote control
- Twin braking axle
- 5th wheel tow
- Light package
- 13' 1" fines conveyor discharge height
- 12' 1" mid size conveyor discharge height
- 15' 4" overs discharge height

Optional Features

- Hydraulic tipping grid
- Vibrating grid
- Wind Sifter
- Star sizes 170mm, 216mm, 230mm, 287mm & 300mm
- Polyurethane self cleaning stars
- Auto greasing
- Magnetic head drum

Dimensions

Working Length	50' 2"
Working Width	34' 7"
Working Height	15' 5"
Transport Length	44' 11"
Transport Width	8' 4"
Transport Height	13' 1"
Working Weight	42,000 lbs

3F Track Star Screen



Standard Features

- 22' 6" x 4' 1" fines star deck
 - 12' x 4' 1" midsize star deck
 - Screening area: 93ft² fines; 48ft² mids
 - Modular deck for quick change
 - Variable star speed
 - Rubber stars fraction 3/8"– 8"
-
- Feed regulating auger
-
- Diesel hydraulic powerpack
 - John Deere 175HP engine
 - Reversible radiator fan
 - Turbo II air cleaner
-
- Programmable PLC control system
 - Wireless remote control
 - Heavy duty tracks
-
- 12' 1" fines conveyor discharge height
 - 11' 1" midsize conveyor discharge height
 - 14' 5" overs discharge height

Optional Features

- Hydraulic tipping grid
- Vibrating grid
- Wind Sifter
- Star sizes 170mm, 216mm, 230mm, 287mm & 300mm
- Polyurethane self cleaning stars
- Auto greasing
- Magnetic head drums

Dimensions

Working Length	50' 3"
Working Width	34' 6"
Working Height	14' 5"
Transport Length	44' 7"
Transport Width	9' 6"
Transport Height	11' 1"
Working Weight	53,000 lbs

Optimize screening after grinding with



Why use a star screen?

1) Screen directly after the primary grinder to screen out *finished* mulch

Typically 50% of material after the primary grinder is “finished” product sized 1.5 to 2” minus

Cost Savings Realized: 250,000 yards / year operation grinding 200 yards per hour on secondary grind:		
Current Setup		With STAR SCREEN
1,250	Hours to regrind	625
\$100,000	Grinder fuel costs (20 GPH x 4)	\$50,000
\$25,000	Grinder maintenance costs (\$20/hr)	\$12,500
\$125,000	Loader to feed grinder (\$100/hr)	\$62,500
\$250,000	Total cost to do regrind	\$125,000

**Annual Costing Savings adding Neuenhauser 2F:
\$125,000**

a STAR SCREEN



2) Screen finished mulch to remove fines

Two major cost savings screening out the fines at 3/8" minus from finished mulch:

1. Dying costs are reduced because fines soak the dye
Eg 250,000 yards per year
Average dying cost per yard with fines: \$4
Average dying cost with fines screened out: \$3
Cost savings per yard: 1
Annual Potential Savings: \$250,000
2. Reduced weigh for transport
Unscreened mulch typically weights: 800 to 900 lbs / cubic yard
Mulch screened at 3/8" typically weights: 400 to 500 lbs / cubic yard
Transport costs for bagged mulch are therefore reduced by: 25%
(depending on state transport laws)

Use a 3F Neuenhauser to realize 3 savings in 1:

Reduce grinding costs
Reduce dying costs
Reduce trucking costs

NH6020 XL Wheel Trommel



Standard Features

6' 7" x 18' drum
Variable speed
Punch plate spiral or mesh drums
16' 5" hopper

15 yds capacity hopper (with extension)
Toothed feeder belt to avoid slippage

Diesel hydraulic powerpack
John Deere 100HP engine

5th wheel tow
Two braking axles

11' 4" Fines stacking conveyor
13' 1" Overs stacking conveyor

Optional Features

Hydraulic tipping grid
Vibrating grid
Star screen insert
Remote control
Magnet on overs conveyor
Wind sifter
Various size drums

Dimensions

Working Length	55' 7"
Working Width	22' 11"
Working Height	13' 1"
Transport Length	42' 3"
Transport Width	8' 4"
Transport Height	13' 1"
Working Weight	42,000 lbs

NH6020 XL Track Trommel



Standard Features

6' 7" x 18' drum
Variable speed
Punch plate spiral or mesh drums
Quick change drum at ground level
Full drum access door
Trommel cleaning brush

16' 5" hopper
15 yds capacity hopper (with extension)
Toothed feeder belt to avoid slippage

Diesel hydraulic powerpack
John Deere 100HP engine

Heavy duty tracks

11' 4" Fines stacking conveyor
13' 1" Overs stacking conveyor

Optional Features

Hydraulic tipping grid
Vibrating grid
Star screen insert
Remote control
Magnet on overs conveyor
Wind sifter
Various size drums
Track risers

Dimensions

Working Length	55' 7"
Working Width	23' 6"
Working Height	13' 1"
Transport Length	42' 3"
Transport Width	9' 9"
Transport Height	12' 1"
Working Weight	53,000 lbs

Targo 3000 Wheel Shredder



Standard Features

- 9' 10" Shredding Shaft
- Single Shaft
- Bolt mounted comb & roller teeth
- Adjustable gap between shaft and counter comb

- 6yd3 Hopper

- Diesel hydraulic powerpack
- John Deere 430HP engine
- Reversible radiator fan
- Turbo air pre-cleaner
- Direct drive

- Overband Magnet
- Twin braking axle
- 5th wheel tow

- 12' 10" discharge conveyor height
- Hydraulic folding
- Antimagnetic mid section
- Variable speed

Optional Features

- Biopower: 540hp engine
- Shredder shaft equipped with 21 or 42 teeth
- Wireless remote control
- Remote start / stop

Dimensions

Working Length	52' 1"
Working Width	9' 9"
Working Height	11' 6"
Transport Length	33' 6"
Transport Width	8' 4"
Transport Height	11' 6"
Working Weight	55,153 lbs

Targo 3000 Track Shredder



Standard Features

- 9' 10" Shredding Shaft
- Single Shaft
- Bolt mounted comb & roller teeth
- Adjustable gap between shaft and counter comb
- Variable speed shaft

- 6yd³ Hopper
- Diesel hydraulic powerpack
- John Deere 430HP engine
- Reversible radiator fan
- Turbo air pre-cleaner
- Direct drive

- Overband Magnet
- Heavy duty tracks

- 12' 10" discharge conveyor height
- Hydraulic folding
- Antimagnetic mid section
- Variable speed

Optional Features

- Biopower: 540hp engine
- Shredder shaft equipped with 21 or 42 teeth
- Wireless remote control
- Remote start / stop

Dimensions

Working Length	44' 1"
Working Width	9' 1"
Working Height	16' 2"
Transport Length	25' 9"
Transport Width	9' 1"
Transport Height	11' 9"
Working Weight	66,138 lbs

NH6020 Trommel Features



Full side door for easy drum exchange



Punch plate spiral drum



16' 4" Hopper
15yd3 Capacity

Track or wheel units

5th wheel tow



Track Risers

- Raise or lower the machine
- Tilt front to back



Star screen insert. 1 piece fines belt prevent spillage at transfer point

Features

Non slip feeder belt with non bridging hopper sides

One piece self cleaning brush

Screen drum is interchangeable with other manufacturers* drum

Track or Wheel units

Multiple applications



Targo 3000 Shredder Features



Wing gully doors for optimum access



Hydraulic fold up counter comb



Extra long
product belt

Wheel or Track



Easy Transport



Single shaft
shredder

Adjustable gap between shaft & counter comb
for continued shredding action

Features

- Screw on comb teeth
- Counter comb equipped with Hydraulic overload protection
- Direct drive reversible shaft
- Track or Wheel units
- Multiple applications



Neustarr Picking Stations



Neustarr picking stations available in static and wheel portable configurations

Optional Features

Overband magnet
Diesel hydraulic powerpack
Air blowers and suckers

Neustarr Portable Conveyors



Track

60' x 36"
80' x 48"

Wheel

80' x 36"

Optional Features

Electric or hydraulic drive
Diesel hydraulic powerpack
Wheel or Track