



# NL600

## Walk-Around Guide



Building the best since 1939. New Leader Manufacturing is family owned and operated. Our business is built on honesty and integrity. We have a passion for what we do, and we firmly believe that we can make a better tomorrow by building the best today.



The leading brand of dry spinner spreader crop nutrient applicators, New Leader equipment is used to spread fertilizer, lime, and micronutrients. We partner with leading manufacturers such as AGCO, CNH, John Deere, RBR, and more.

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# Walk-Arounds

## Key Points

The value of the NL600 revolves around 3 key items:

- High Output
- Versatility
- Ease of Maintenance & Use

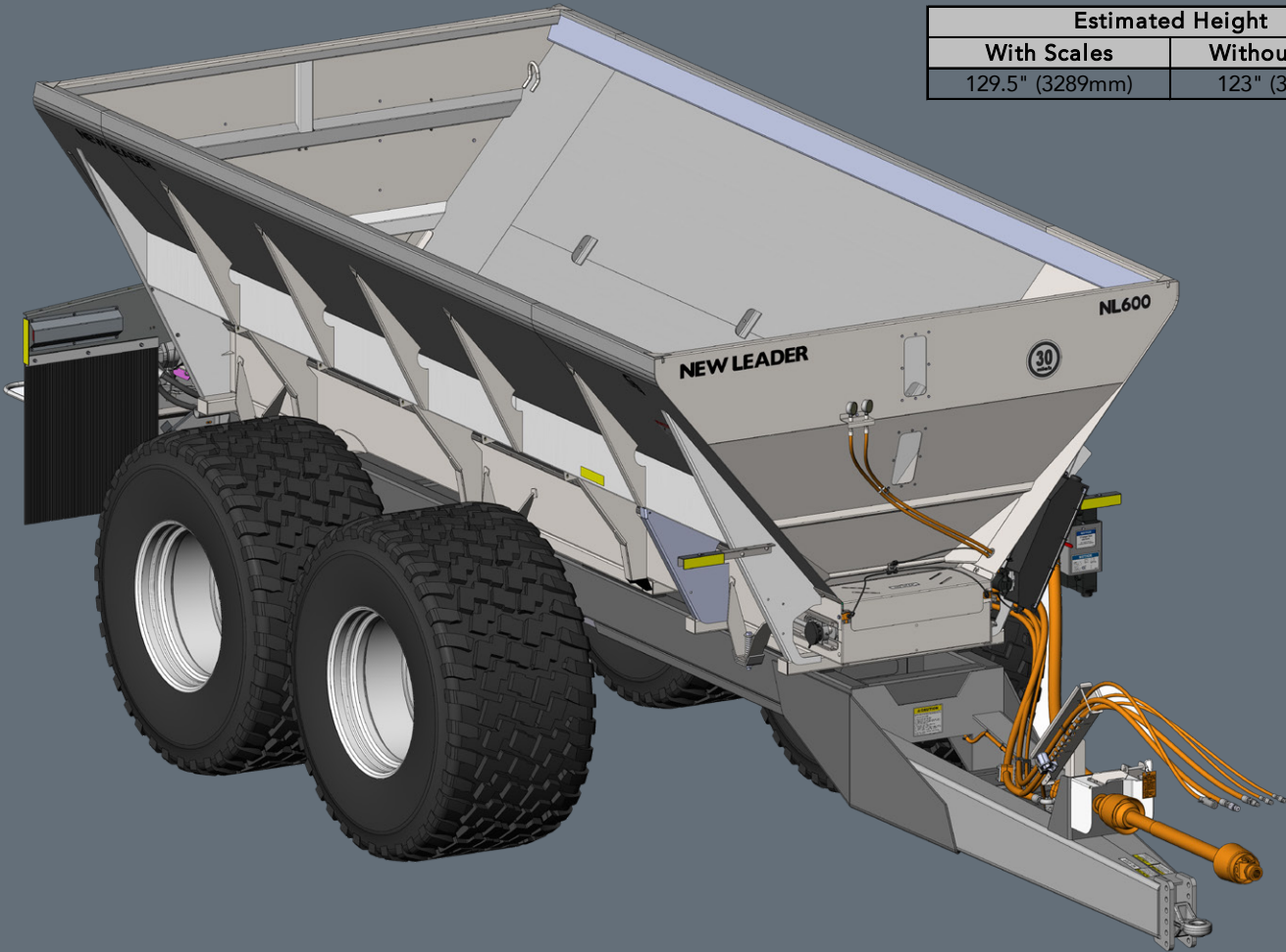


# Specifications

NL600			
Unit Length	Overall Length	Body Length	Stuck Capacity
21' (6.4m)	292" (7417mm)	240" (6096mm)	608 Cu Ft (17.2 Cu M)

Estimated Weight	
Without Trailer	With Trailer
8400 lbs (3810 kg)	20,000 lbs (9072 kg)

Estimated Height	
With Scales	Without Scales
129.5" (3289mm)	123" (3124mm)



## NL600 Overview

### 3-in-1 Pull-Type Spreader

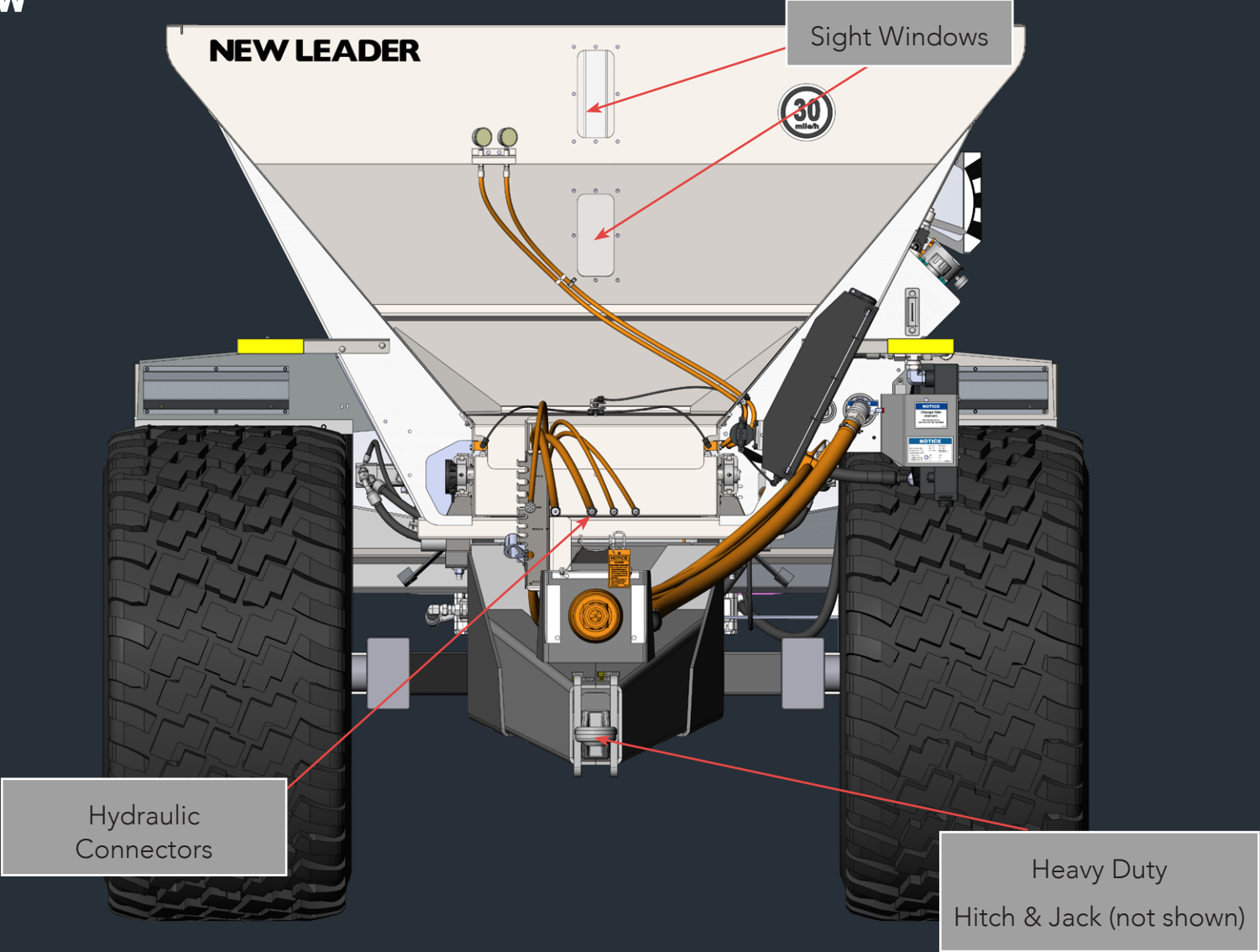
The NL600 is a multi-purpose, multi-season spreader that offers growers and custom applicators the ability to spread compost / litter, fertilizer, and BioSul at higher rates and faster speeds, maximizing their time in the field and investment in their equipment.

With tighter application windows every year, the NL600's high throughput and hydraulic flow capabilities let operators apply nutrients faster, wider, and at higher rates, all while maintaining a consistent spread pattern. By increasing their spreadable acres per day, growers and custom applicators can save time, achieve a better cost per acre, and get their nutrients down in these diminishing application windows.

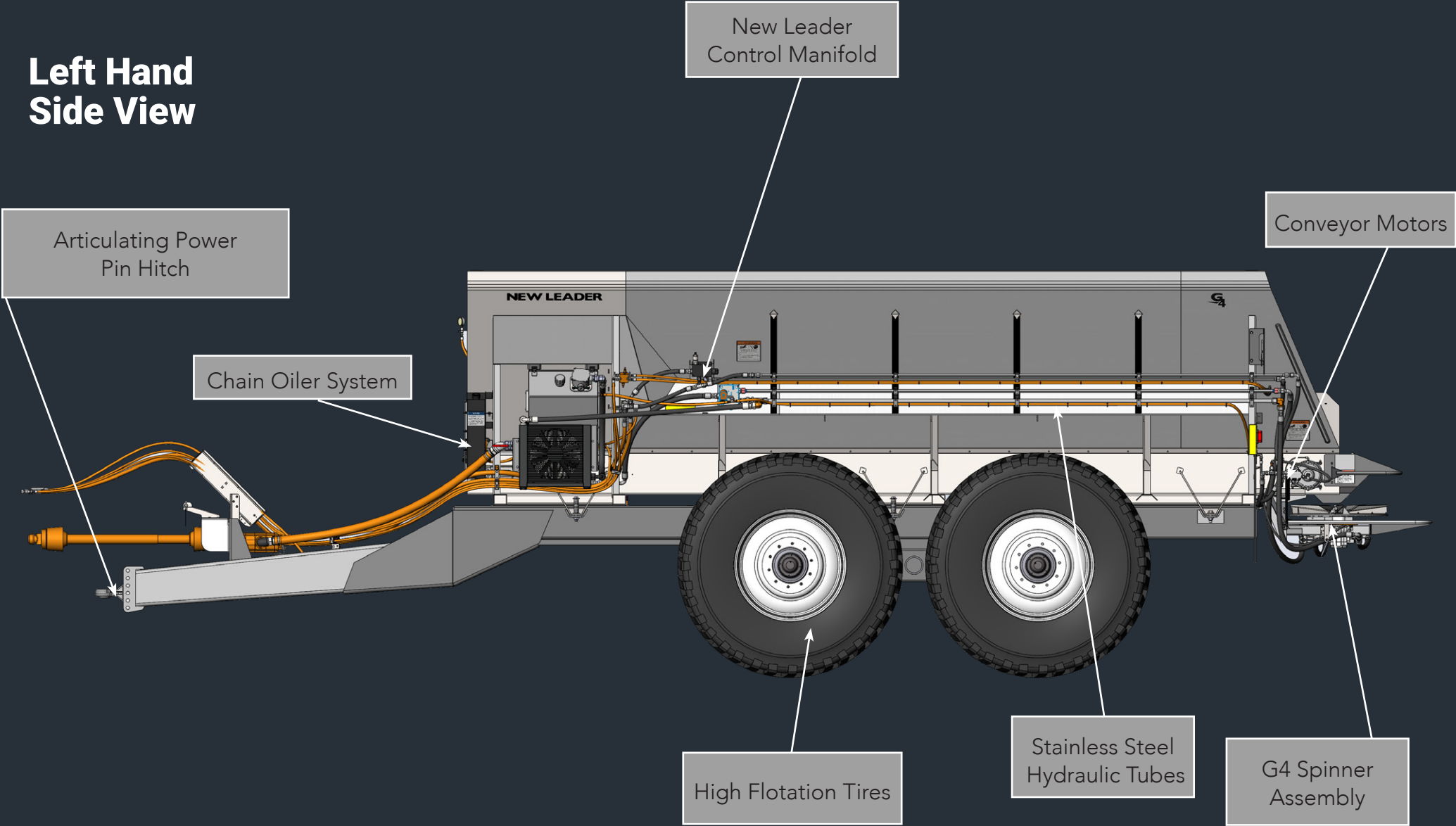
Features and benefits of the NL600 include:

- High 608 cu.ft. capacity to manage large payloads resulting in longer times between refills
- 3x the throughput as competitive units allowing for higher rates at faster speeds
- 304-stainless steel bottom panel with poly floor liner, 304-stainless steel spinner fins, and 304-stainless steel chain shields to resist corrosion and extend unit life
- Adjustable precision G4 spinner spreader technology with adjustable feedgate to allow for different densities and product rates
- Plug-and-play New Leader ISO control system
- Tractor or PTO hydraulics
- Optional ISOBUS scale system with 6 weigh beams for static in-field calibration

Front View

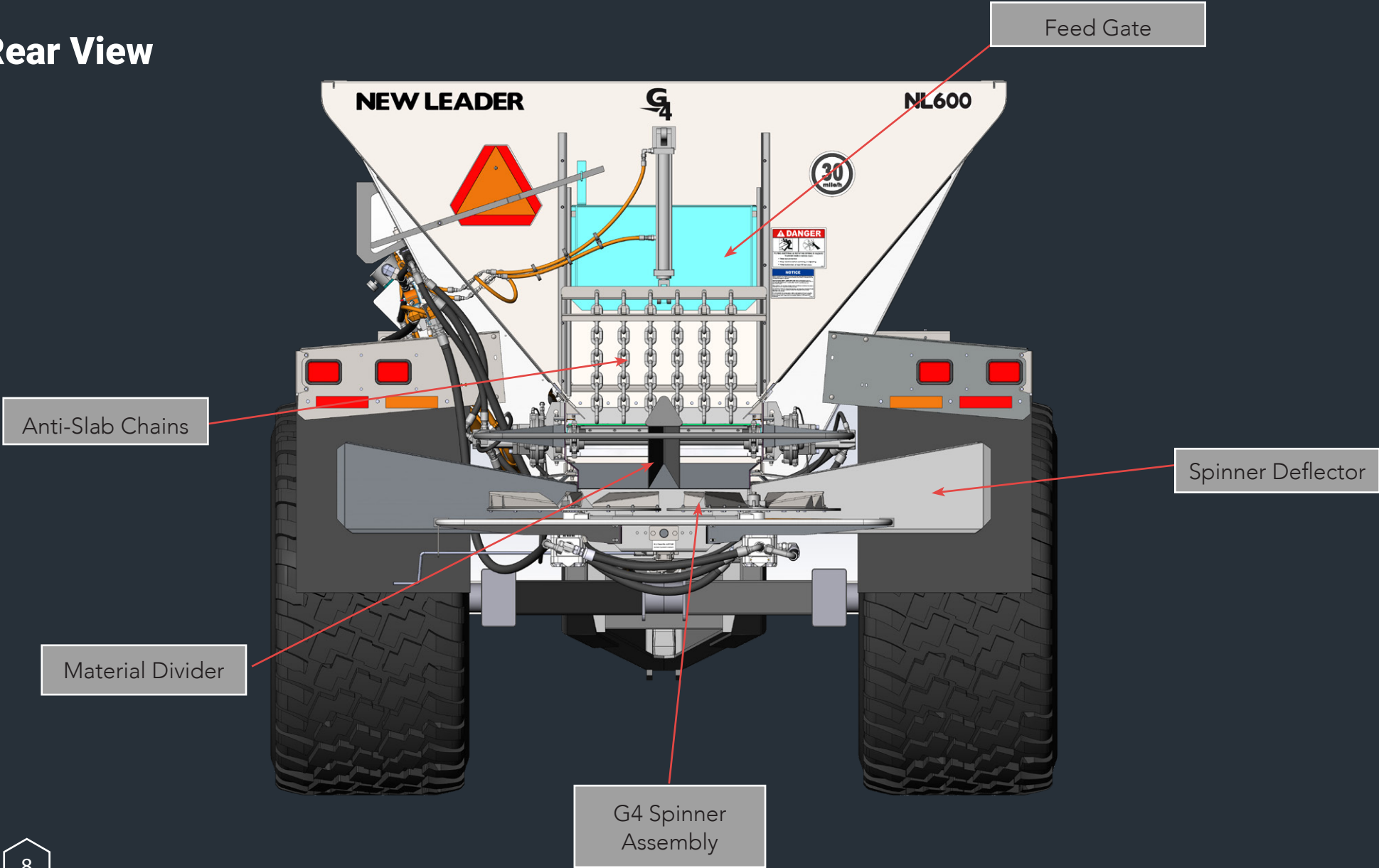


**Left Hand  
Side View**



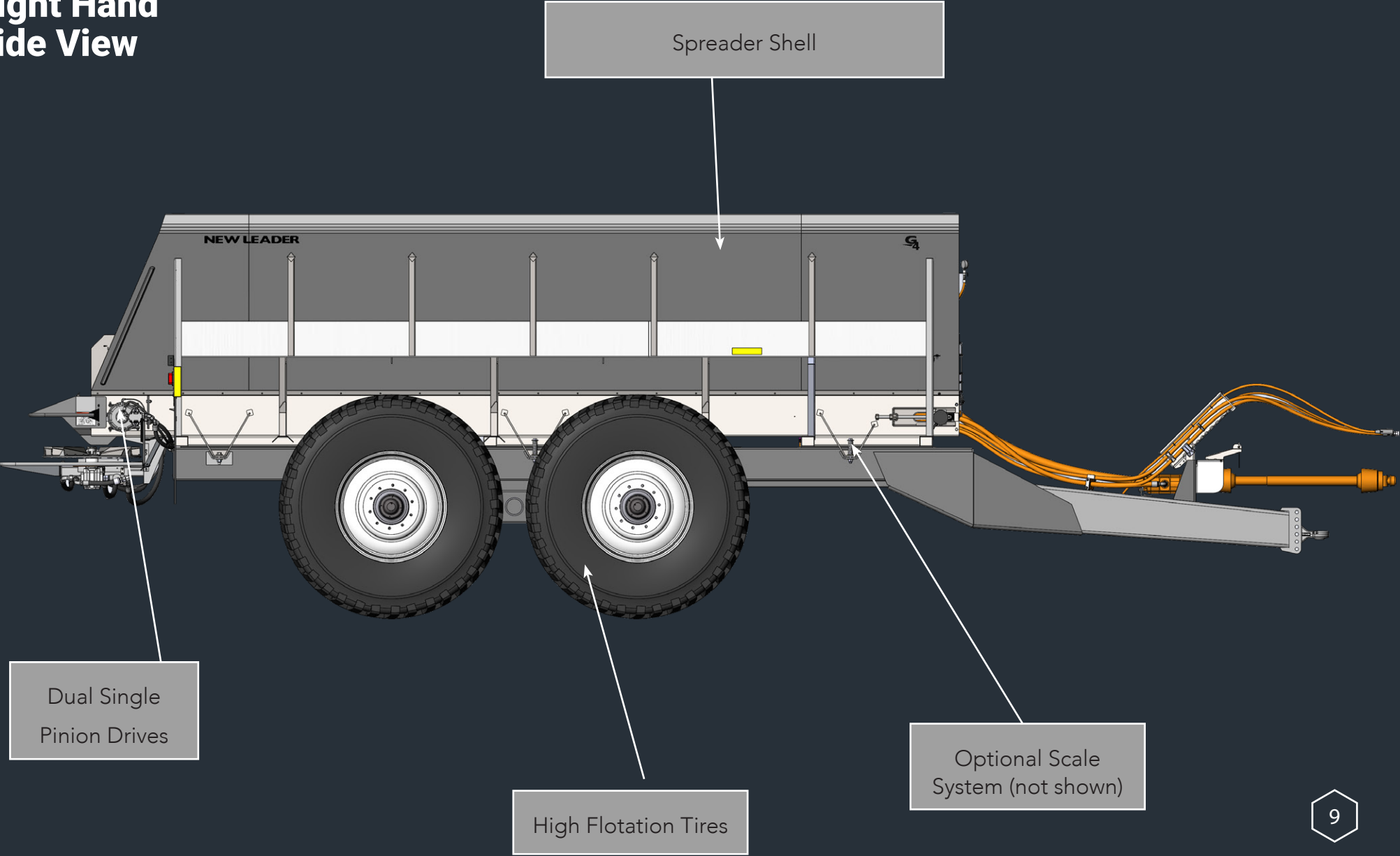


# Rear View





**Right Hand  
Side View**



# Chain Oiler and Lubrication

## Key Points

- In cab automated conveyor chain oiler
- Centralized lubrication points for easy and quick maintenance



The pressurized chain oiler is for performing lubrication service of the conveyor. This system is operated through the controller, and accessed through the display. By setting oiling reminders, the operator is notified when the set time limit is reached and the chain needs to be lubricated. This reduces wear of the chain and deterioration from rust. The oiler contains 2 spray tubes with anti-drip checks.

Use a 75% diesel fuel and 25% SAE 10 oil mixture on the links and rollers.

# Hydraulic Options

## Key Points

- Tractor hydraulics
- PTO hydraulic pump drive



## Requirements when using tractor hydraulics:

- Conveyor circuit requires 27-gallon per minute flow
- Spinner circuit requires 40-gallon per minute flow
- Case drain line required
- Pioneer ends installed

## PTO hydraulic pump drive details:

- Includes 24-gallon hydraulic reservoir
- Cooler with electric cooling fan included
- Heavy duty PTO shaft attached to 40 gallon pump for spinner circuit
- Conveyor circuit requires 27-gallon per minute flow

## System Pressure Sensors

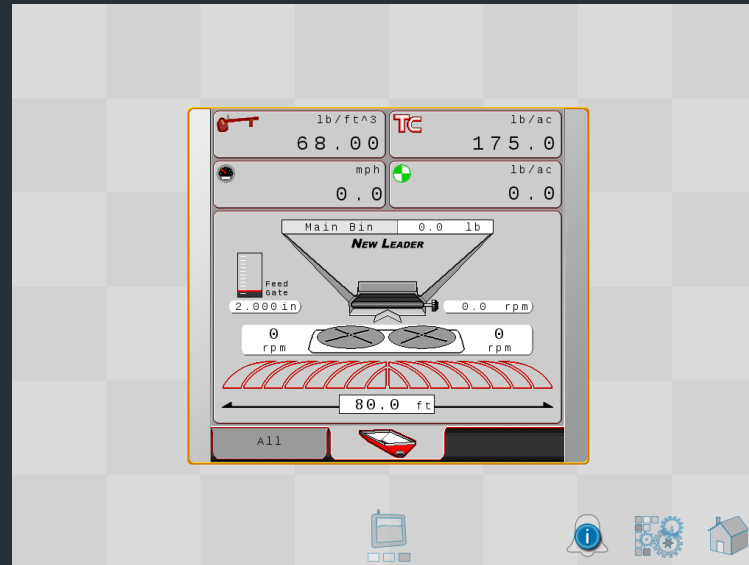
To monitor the pressure of the conveyor and spinner, the NL600 features an in-cab monitor system through the controls.



# New Leader User Interface

## Key Points

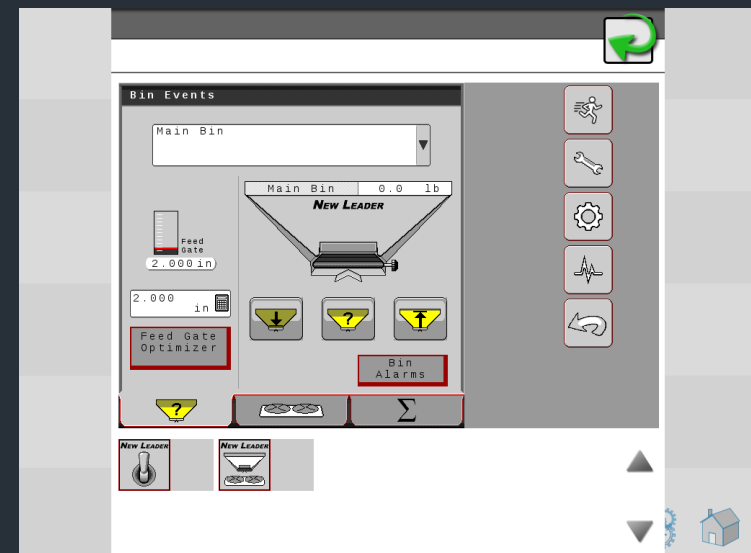
- Easy-to-use interface
- ISOBUS-ready
- Diagnostic feedback
- Automated service notifications
- Low bin countdown
- Feed gate optimizer



The New Leader User Interface allows customers to use any ISOBUS-ready display in the cab of their machine, and allows for complete machine control and monitoring in one simple, easy-to-use package from the factory.

The NL600 runs completely off New Leader software that is truly plug-and-play with an ISOBUS-ready display. Equipped with hardware to meet ISOBUS (11783) Platform, the New Leader User Interface is all about simplicity; simplicity for our OEM partners, simplicity for our dealers, and simplicity for our customers.

The New Leader User Interface allows us to add fully-tested improvements, and provide the best solution to meet our customers' needs while also providing complete support.





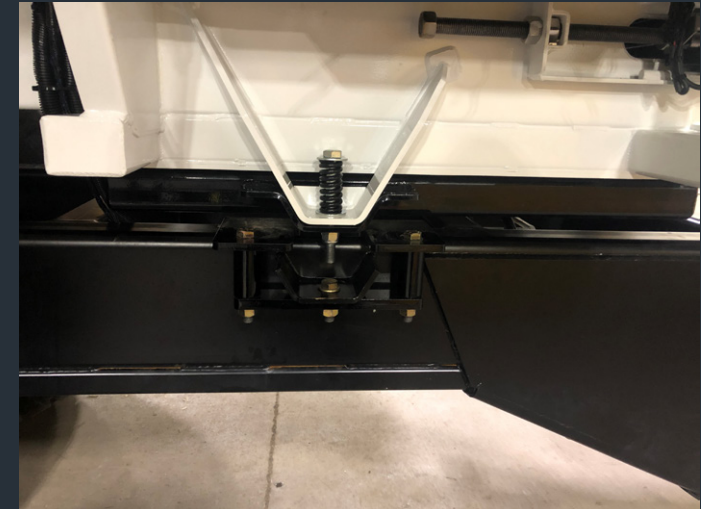
## Scales

### Key Points

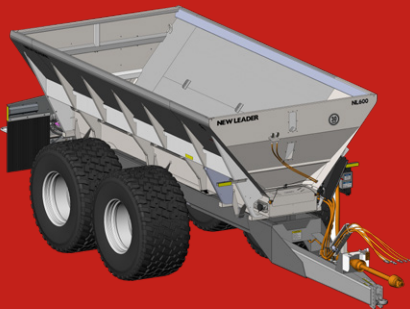
- Optional add-on

With the optional scale package, users can quickly and accurately calibrate the NL600 in-field. Features of the NL600 scale package include:

- Quick mount design
- ISOBUS scale interface
- 6 weight beams
- Optional remote display



## About the Spreader Body



- 21' body
- Steel types available: carbon steel and 409 SS 118" wide with 50-degree side slopes
- 34" wide conveyor system
- 304 bottom panel with poly floor liner
- Load height:
  - 120" without scales
  - 126" with scales

## NL600 Other Features

### Key Points

- High output and high capacity come together in the NL600 drawn dry box spinner spreader.



### Spinner Assembly

- G4 series spinner
- Material divider options: Fertilizer and BioSul divider; Compost divider group
- Spinner adjustable via 304 SS jack
- Fertilizer/BioSul has removable back plate for higher rates
- Spread widths from 50' up to 90' depending on product and rates

### Spinner Assembly

- 30" 3/8-inch-thick spinner disc
- 4 fin configuration (6 fin option)
- 304-stainless steel fins

### Feed Gate

- 304 SS feed-gate and manual jack assembly
- Adjustable from 1" to 12"
- Optional: hydraulic feed gate assembly for compost allowing up to a 17" gate opening.

### Trailer Features:

- Capacity: 55,000 lbs.
- Articulating power pin
- Tires: 30.5 x 32 diamond tread
- Optional Brakes: 4-wheel hydraulic disc
- Axle: Walking beam design
- Spindles: 20,000 lb. spindles with 10 bolt hub
- Grease bank
- Heavy duty jack

## Value Statements

### Productivity

- High capacity, high output
- Precise independent spinner control and monitoring
- Spread fertilizer, compost, and BioSul
- Optional scale package

### Ease of Use

- New Leader User Interface
- System sensors
- Hydraulic feed gate (only compost unit)
- Diagnostic feedback
- Complete controller package installed

### Ease of Maintenance

- Centralized lubrication
- Manufactured to reduce adjustments
- Automatic chain tensioner
- Chain oiler capability
- System sensors

**“To radically improve the way dry nutrients are applied.”**





MANUFACTURED BY

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