

# COMMERCIAL FRONT & WIDE-AREA MOWERS

1500 Series TerrainCut™, 1600 Turbo TerrainCut™



JOHN DEERE



1570 TerrainCut™ Front Mower

1600 Turbo TerrainCut™ Wide-Area Mower

1585 TerrainCut™ Front Mower



## Meet your anytime, anywhere mower.

They say there's a mower for every job. We say there's a mower that can handle just about any job you throw at it. It's called the 1500 Series TerrainCut.

### 1500 Series TerrainCut™ Mowers

The most capable year-round front mount mowers we've ever made, this lineup delivers unsurpassed performance. With an available factory-installed ComfortCab, powerful diesel engines that meet US EPA T4 requirements, and 7Iron™ PRO decks, the 1500 TerrainCut Series Mowers are more than up to the task.

Make that tasks – because the 1500 Series is also the most versatile front mower we've ever made. When you combine the full array of optional attachments and implements with that heated, cooled, sealed, sit-back-and-get-to-work-in-any-weather cab, you've got a machine that pretty much stops at nothing. Mowing and sweeping, pushing and plowing? It's all in a day's work. Every day of the year.



#### Decks

Since 1998 the John Deere 7Iron™ mower deck has demonstrated commercial quality, performance, and durability. The 7Iron PRO and Fastback™ Pro Rear Discharge deliver an even higher-quality cut in even more diverse conditions.



**7Iron**  
PRO

**FastBack**  
PRO



**25 hp (18.4 kW)<sup>2</sup> and 37.4 hp (27.5 kW)<sup>2</sup> Tier 4 diesel engines** give you the power to cut wet grass, throw packed snow and and sweep up leaves.



**TerrainCut 1500 Series Mowers** are great on grass. They're even better when you've also got snow, dirt, gravel or leaves piling up underfoot. Just swap out the implements (sold separately), and keep right on crossing jobs off your to-do list.



## 1500 SERIES

### 1550

- 2WD or 4WD
- 25hp (18.4kW)<sup>2</sup>
- 0-12 mph (0-19.3 km/h)
- Biodiesel kit available
- 24-month Warranty<sup>1</sup>

### 1570

- 2WD or 4WD
- 37.4 hp (27.5 kW)<sup>2</sup>
- 0-12 mph (0-19.3 km/h)
- B20 Biodiesel compatible
- 24-month Warranty<sup>1</sup>

### 1575

- 4WD
- 37.4 hp (27.5 kW)<sup>2</sup>
- Factory-Installed ComfortCab
- 0-12 mph (0-19.3 km/h)
- B20 Biodiesel compatible
- 24-month Warranty<sup>1</sup>

### 1580

- 4WD
- 37.4 hp (27.5 kW)<sup>2</sup>
- 0-15 mph (0-24 km/h)
- B20 Biodiesel compatible
- 24-month Warranty<sup>1</sup>

### 1585

- 4WD
- 37.4 hp (27.5 kW)<sup>2</sup>
- Factory-Installed ComfortCab
- 0-15 mph (0-24 km/h)
- B20 Biodiesel compatible
- 24-month Warranty<sup>1</sup>



<sup>1</sup> Hour and/or usage limitations apply and vary by model. See the WARRANTY FOR NEW JOHNDEERE TURF AND UTILITY EQUIPMENT at dealer for details.

<sup>2</sup> The engine horsepower and torque information for non-Deere engines are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's web site for additional information. Engine HP at Gross SAE J1995, PS, rated at 3000 RPM [1550 – displacement 770 cu. in. (1.27L)], [1570, 1575, 1580, 1585 – displacement 100.2 cu. in. (1.64L)].

## Say hello to your climate-controlled throne.

The factory-installed ComfortCab comes standard with full HVAC, so you can stay warmer in the winter and cooler in the summer (about 20° cooler than the outside temperature). It also has a fully adjustable Air Suspension Upholstered Seat, and large sealed windows with panoramic views.



**Run hot and cold.**  
Never let a little thing like a cold front or heat wave keep you from your appointed rounds.

### On the clock 24/7/365.

#### Enhancing comfort every second.

From here, the workday looks pretty good. And feels pretty great. You'll be master of all you survey, from early morning to late in the evening (thanks to optional beacon light and rear worklights). And in complete control of your seat, climate and favorite music.

#### See and be seen. }

Two-speed windshield wipers and an inside rear mirror make it easier to see what you're getting into, and out of. The front- and rear-mounted warning lights and turn signals? That's to make sure they always see you coming.

#### Maximum comfort. }

Standard cup holder, interior light, rearview mirror along with optional electronic cruise control and stereo systems – all the comforts of home.



## Comfort class.

At your fingertips is an ergonomically designed control station, with everything placed to enhance comfort. And out in front of you is a great view of everything in your path, thanks to a sleek design that improves sightlines.

**Tilted in your favor.**  
Built-in tilt steering lets operators get even more comfortable behind the wheel.



**Folded for flexibility.**  
The standard 2-post Roll-Gard ROPS folds down to allow additional clearance through tight spaces.

## Seats / Operator Platform

1500 Series TerrainCut™ Mowers



**Air Ride Suspension Seat with Armrests**  
Get an air ride suspension, along with adjustable armrests, lumbar and seat back, with a vinyl cover.



**Comfort Adjust Suspension Seat with Armrests**  
Move up to an adjustable mechanical spring suspension (along with adjustable armrests, lumbar and seat back) that lets operators dial in for a comfortable ride.

COMFORTCAB EXCLUSIVE



### Upholstered Air Ride Suspension Seat with Armrests

This is the ultimate way to ride in style, with adjustable armrests, lumbar and seat back, and upholstered fabric seat. Standard in cab units only.



### Hydraulic Power

Main lift control valve and optional auxiliary hydraulics can be controlled right from the operator platform.



### Braking Power

Turning brakes put greater maneuverability right at the operator's feet.



### Switching Power

The deck lift system makes changing implements and attachments fast and easy.



### Transport Power

The 2-Speed transaxle on the 1580 and 1585 is easily controlled from the operator seat and provides faster transport speeds to save time between jobs.

# 1500 Series TerrainCut™ Mowers Implements/Accessories

## What *can't* they do?

As far as the 1500 Series TerrainCut Mowers are concerned, there's no such thing as downtime. If there isn't any grass to cut, they're ready to clear driveways. If there's no snow to blow, they'll happily tackle some material piles. And if there's no dirt to push around, just get out the broom and sweep up every sidewalk in sight.

And with the factory-installed, fully enclosed ComfortCab, along with a deck lift system that makes swapping implements a snap, you won't have to worry about operators having cold feet. Or getting hot under the collar.



## Accessories

### **Pull away.**

With a dual wheel kit, you can generate even more pulling power when you need it.

### **See the way.**

Knowing what's behind you means you can move forward with confidence. Mirrors install easily and help you keep safety first, every time.

### **Steady your way.**

Add a weight kit to keep it all nice and balanced, no matter what implement you're using.

### **Keep away.**

Not that you ever like to slow down, but if you're out on the road, you'll be sure to be seen.





**Cut away.**

When there's grass to be cut, go at it with everything you've got – including a side-discharging 72-in (183 cm) deck out in the front.

**Sweep away.**

The 60-inch (152 cm) heavy-duty rotary broom can handle light snow, gravel, debris and leaves.

**Push away.**

Opt for a heavy 60-inch (152 cm) blade, and you'll have winter out of the way in no time.

**Blow away.**

47- or 60-inch (119 cm or 152 cm) cutting width snow blowers have a two-stage design to handle wet, heavy snow with ease.



# Go wide. Go long. Go strong.

Let's talk width: almost 11 feet (3.35 m). You want to hear about coverage? Then pay attention to an area of more than 75 acres in a single eight-hour day. And as for strength, well, how does a high-torque 60.0 hp (44.0 kW)<sup>3</sup> turbo-charged diesel engine sound?

## The 1600 Turbo TerrainCut™

No matter how you measure it, the 1600 Turbo Wide-Area Mower means business. With sweeping deck coverage, an innovative baffling system that virtually eliminates clumping and wings that follow ground contour, the 1600 delivers a consistent quality cut. And thanks to on-demand or full-time rear wheel drive and an advanced top-draw cooling system, it can keep at it acre after acre.

And don't worry – the 1600 can think small, too. Mowing with just one wing and the center deck, or the center deck alone, it's flexible enough to maneuver along paths as narrow as 84 inches (2.13 m) wide.



62 in. with center deck only

128 in. with all wings down



94 in. with center deck and either side deck



84-in. transport width with both sides folded in

**The air-ride, high-backed seat**

is comfortable with soft, body-contoured cushions. Seat adjustment controls are color coded for simplicity and the seat's suspension has been reinforced and strengthened. That's one tough and comfortable seat.



**Ergonomic control cluster**

Carefully arranged for efficiency, comfort and safety – and placed to the operator's right.



**Designed from your point of view.**

Tilt steering adjusts for improved comfort and visibility; electronic cruise control lends a helping hand for transporting or mowing open areas.



The 1600 is always on your side with either the standard 2-post ROPS or optional factory installed (ISO 21299 certified) 4-post ROPS featuring a canopy that adds protection from the sun and rain.

**Work hard. With ease.**

The 1600 Turbo was designed to run hard all day, day after day. What does that mean? First, it's tough as nails. Even the Flat Free caster tires work to keep the machine on the job.

And second, as hard as it is on turf, it's surprisingly easy on operators. We take comfort seriously, from the air-ride seat and Twin Touch™ foot pedals to the tilt steering wheel and finger-touch control cluster, maximizing efficiency.

We've even gone ahead and made things easier for your mechanics. With everything from a 90° hood opening to easy-access daily service points to Service ADVISOR™ that automatically delivers symptoms-based diagnostics, it delivers the reliability, ease of use and serviceability you expect from John Deere.



<sup>3</sup> Engine HP at Gross SAE J1995, PS, rated at 3000 RPM [1600 Turbo TerrainCut™ - displacement 1276 cu. in. (2.09L)].

## SPECIFICATIONS: TerrainCut™ Mowers

	TerrainCut Front Mowers		
MODEL	1550	1570	1575
<b>ENGINE</b>			
Engine Model	3TNV80F	3TNV88C	3TNV88C
Horsepower, Gross SAE J1995, PS <sup>2</sup>	25 HP (18.4 kW) <sup>3</sup> , @ 3000 rpm, PS <sup>2</sup>	37.4 HP (27.5 kW) <sup>3</sup> , @ 3000 rpm, PS <sup>2</sup>	37.4 HP (27.5 kW) <sup>3</sup> , @ 3000 rpm, PS <sup>2</sup>
Cylinders	3-cylinder Diesel	3-cylinder Diesel	3-cylinder Diesel
Displacement	77 cu. in. (1.27 L)	100.2 cu. in. (1.64 L)	100.2 cu. in. (1.64 L)
Lubrication	Full Pressure	Full Pressure	Full Pressure
Oil Filter	Spin-on	Spin-on	Spin-on
Cooling	Liquid	Liquid	Liquid
Air Cleaner	Dual element, dry	Dual element, dry	Dual element, dry
<b>FUEL SYSTEM</b>			
Fuel Type	Diesel	Diesel	Diesel
Fuel Capacity	16 U.S. gal. (61 L)	16 U.S. gal. (61 L)	16 U.S. gal. (61 L)
<b>ELECTRICAL</b>			
Charging system	Automotive type	Automotive type	Automotive type
Alternator, AMP	75	75	95
Battery Voltage	12	12	12
Cold Cranking amps @ 0 deg. F	480	480	480
<b>POWER TRAIN</b>			
Type	Hydrostatic	Hydrostatic	Hydrostatic
Speed and Direction Control	Two-pedal foot	Two-pedal foot	Two-pedal foot
Cruise Control	Optional	Optional	Optional
Hi/Lo Range	No, single speed transmission	No, single speed transmission	No, single speed transmission
4-Wheel Drive	Optional	Optional	Standard
Differential Lock	Yes	Yes	Yes
Travel Speed Forward	0-12 mph (0-19.3 km/h)	0-12 mph (0-19.3 km/h)	0-12 mph (0-19.3 km/h)
Travel Speed Reverse	0-5 mph (0-8 km/h)	0-5 mph (0-8 km/h)	0-5 mph (0-8 km/h)
<b>POWER TAKE-OFF</b>			
PTO	Front	Front	Front
PTO Clutch	Wet multi-disk, modulated	Wet multi-disk, modulated	Wet multi-disk, modulated
PTO Drive Output	2000 rpm	2000rpm	2000 rpm
<b>HYDRAULICS</b>			
Type	Open center	Open center	Open center
Pump Capacity	5.1 U.S. gpm (19.3 L/m)	5.1 U.S. gpm (19.3 L/m)	5.1 U.S. gpm (19.3 L/m)
Spool Valve	Front lift, std	Front lift, std	Front lift, std
<b>BRAKES</b>			
Type	Internal wet disk	Internal wet disk	Internal wet disk
Individual Turn Brakes	Standard	Standard	Standard
<b>TIRE SIZE</b>			
Drive	23x10.5-12, Optional: 23x8.5-12	23x10.5-12, Optional: 23x8.5-12	23x10.5-12
Ply Rating	4	4	4
<b>DIMENSIONS</b>			
Wheelbase	49.2 in. (125 cm)	49.2 in. (125 cm)	49.2 in. (125 cm)
Ground Clearance	6.5 in. (16.5 cm)	6.5 in. (16.5 cm)	6.5 in. (16.5 cm)
Overall Width	51.7 in. (131.3 cm), (23x10.5 tires)	51.7 in. (131.3 cm), (23x10.5 tires)	58 in. (147.3 cm), (23x10.5 tires, wide stance)
Overall Length (less mower deck)	86.7 in. (220.2 cm)	86.7 in. (220.2 cm)	86.7 in. (220.2 cm)
<b>ROPS</b>			
Roll Over Protective Structure	Standard	Standard	CAB
ROPS Certification	ISO 21299:2009	ISO 21299:2009	ISO 21299:2009
Overall Height with ROPS	82.7 in. (210 cm)	82.7 in. (210 cm)	N/A
Overall Height with ROPS Folded	58 in. (147.3 cm)	58 in. (147.3 cm)	N/A
Overall Height with CAB	N/A	N/A	83.9 in. (213.1 cm)
Machine Weight	2WD: 1675 lb. (760 kg), 4WD: 1835 lb (832 kg)	2WD: 1850 lb. (816 kg), 4WD: 1960 lb. (889 kg) 4WD	2436 lb. (1105 kg)
<b>WARRANTY<sup>1</sup></b>			
Duration	24 months	24 months	24 months

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<sup>2</sup>The engine horsepower and torque information for non-Deere engines are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's web site for additional information.

<sup>3</sup>Engine HP at Gross SAE J1995, PS, rated at 3000 RPM [1550 – displacement 77.0 cu. in. (1.27L)], [1570, 1575, 1580, 1585 – displacement 100.2 cu. in. (1.64L)], [1600 Turbo TerrainCut™ – displacement 127.6 cu. in. (2.09L)].

## SPECIFICATIONS: Wide Area Mower

1580	1585
3TNV88C	3TNV88C
37.4 HP (27.5 kW) <sup>2</sup> , @ 3000 rpm, PS <sup>2</sup>	37.4 HP (27.5 kW) <sup>2</sup> , @ 3000 rpm, PS <sup>2</sup>
3-cylinder Diesel	3-cylinder Diesel
100.2 cu. in. (1.64 L)	100.2 cu. in. (1.64 L)
Full Pressure	Full Pressure
Spin-on	Spin-on
Liquid	Liquid
Dual element, dry	Dual element, dry
Diesel	Diesel
16 U.S. gal. (61 L)	16 U.S. gal. (61 L)
Automotive type	Automotive type
75	95
12	12
480	480
Hydrostatic	Hydrostatic
Two-pedal foot	Two-pedal foot
Optional	Optional
Yes, dual speed trans.	Yes, dual speed trans.
Standard	Standard
Yes	Yes
High 0-15 mph/Low 0-8 mph (High 0-24 km/h / Low 0-13 km/h)	High 0-15 mph/Low 0-8 mph (High 0-24 km/h / Low 0-13 km/h)
High 0-5 mph / Low 0-5 mph (High 0-8 km/h / Low 0-8km/h)	High 0-5 mph / Low 0-5 mph (High 0-8 km/h / Low 0-8km/h)
Front	Front
Wet multi-disk, modulated	Wet multi-disk, modulated
2000 rpm	2000 rpm
Open center	Open center
6.3 U.S. gpm (23.8 L/m)	6.3 U.S. gpm (23.8 L/m)
Front lift, std	Front lift, std
Internal wet disk	Internal wet disk
Standard	Standard
26x12-12	26x12-12
6	6
49.2 in. (125 cm)	49.2 in. (125 cm)
7 in. (17.8 cm)	7 in. (17.8 cm)
55.5 in. (140.9 cm)	58 in. (147.3 cm), (26x12 tires, wide stance)
86.7 in. (220.2 cm)	86.7 in. (220.2 cm)
Standard	CAB
ISO 21299:2009	ISO 21299:2009
83.7 in. (212.6 cm)	N/A
59 in. (149.9 cm)	N/A
N/A	85.2 in. (216.4 cm)
2120 lb. (962 kg)	2593 lb. (1176 kg)
24 months	24 months

	Wide Area Mower
MODEL	1600
<b>ENGINE</b>	
Certified Horsepower <sup>2</sup>	60 HP (44 kW) <sup>2</sup> @ 3000 RPM, PS
Engine Model	4TNV86CT-DJWM
Displacement	127.6 cu in 2.091 L (2091 CC)
Cylinders	4
Oil Filter	Spin-On
Lubrication	Pressurized by lobe-style pump
Cooling	Liquid-cooled water centrifugal
Air Cleaner	Dual-element dry type
<b>FUEL SYSTEM</b>	
Fuel Type	Diesel
Fuel Tank Capacity	22 US gallons (83.3 L)
<b>ELECTRICAL SYSTEM</b>	
Charge System	75 amp
Battery Voltage	12 Volt
Hour Meter	Standard
Operator Presence Starting System	Standard
<b>DRIVE TRAIN</b>	
Hydraulic Pumps	Closed Loop Hydrostatic
Wheel Motors	2 cu. in. displacement axial piston motor
Hydraulic Capacity	14.0 U.S. gal. (53.0 L)
Travel Speed Forward	High 0-15 mph (0-24 km/h) / Low 0-9 mph (0-14.5 km/h)
Travel Speed Reverse	High 0-7.5 mph (0-12 km/h) / Low 0-4.5 mph (0-7.2 km/h)
<b>PTO</b>	
Type	Hydraulic, Independent
Drive	Electric solenoid
<b>BRAKES</b>	
Park Brake	Internal wet disk
Park Brake Actuation	Hand brake
<b>MOWER DECKS</b>	
Available Widths / Type	62, 94, 128 in. (157, 239, 325 cm)
Deck construction	Fabricated Steel
Deck thickness	7 gauge (.177 in)
Height-of-Cut Range / Increment	1.0 - 5.5 in (2.5 - 14 cm)
<b>BLADES</b>	
Tip Speed	13,000 f/m
Number	7 - 3 center, 2 left, 2 right
<b>WHEELS AND TIRES</b>	
Drive (Rear) Tires	26x12-12
Caster Wheel Type	Flat Free
Caster Wheel Size	11x4.0-5
<b>DIMENSIONS</b>	
Overall Length	132 in (335 cm)
Overall Width (all mower decks lowered)	134 in (340 cm)
Height	ROPS up, 98 in. (249 cm) ROPS down, 74 in. (188 cm) With four-post canopy ROPS, 82 in. (208 cm)
Weight (with Fluids)	4,173 lbs. (1893 kg)
<b>WARRANTY<sup>1</sup></b>	
Duration	24 months
Type	Single Source Commercial

**NEVERSTOP™**  
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60" Self-Sharpening Mower Blade



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