

Not Just a Fast Clip, but a Perfect One.



#### 1400 SERIES II

**1435: Standard front mower** with 26 hp (19 kW) Max Power

**1445: With 31 hp (23 kW) Max Power**

- One speed transmission with 20 km/h top speed
- On demand 4WD

#### 1500 SERIES II

**1545: Heavy duty front mower** with 31 hp (23 kW) Max Power

**1565: With 38 hp (28 kW) Max Power**

- Two speed transmission with 25 km/h top speed
- On demand and full time 4WD
- Large tyres

John Deere commercial rotary mowers deliver an outstanding combination of speed and cut quality.

Equipped with high capacity decks, high-torque diesel engines and exceptional 4WD, they can mow thick grass at high speed and still produce enviable cut quality.

All John Deere rotary mowers come with standard folding ROPS for operator safety and comfortable sprung or air seats, to help increase operator productivity.



**Proven power and fuel economy**  
Liquid-cooled diesel engine, 3-cylinder, large displacement and direct injection (1445, 1565) are the key for outstanding mowing performance and fuel economy.



**Efficient cooling package**  
Rear mounted radiator keeps noise away from operator and makes it easy to service. The large intake from the rear, side and top reduces the requirement of cleaning in dry and dusty conditions.



**Fuel for more than one day of operation**  
60 litre capacity provides sufficient fuel to run more than 10 hours without refuelling. Fuel indicator is conveniently located for easy checking.



**More power for the mowing**  
The transmission is designed to maximise performance and long term strength with over dimensioned hydrostatic module, large size radiator type oil cooler, wet disc brake and wet PTO clutch.



◀ **Traction for all mowing conditions**  
kerbs, bumps, wet and soft conditions and steep inclines are no match for the mechanical axle based 4WD drive system on these mowers. Differential lock is included as standard equipment.



◀ **Ideal driving position**  
An adjustable mechanical or air seat and tilt steering wheel work together to provide ideal positioning.



◀ **Comfortable transmission control**  
Ergonomic TwinTouch transmission pedal control follows the natural motion of your foot. Individual turn brakes as standard equipment are located on the left side of platform.



◀ **Intuitive control and monitor**  
Electrical PTO switch is very convenient to engage the mower deck. A central display and ergonomic, colour coded controls make it easy to stay in command.



#### ◀ ROPS

To ensure total peace of mind, every 1400/1500 includes a foldable ROPS, operator presence control system and an audible warning.



#### ◀ Front Blade

1.52 m (60 in) heavy duty front blade is made from 7 gauge (4.5 mm) steel and features standard, on-the-go hydraulic angling: up to 30 degrees left and right.

#### ◀ High strength frame

By spreading the stress over a much larger area (instead of concentrating it into a single girder) this advanced self-reinforcing design dramatically increases overall strength and allows components to be placed closer to the ground for a low centre of gravity.



#### ◀ Fastback Rear Discharge Decks

The decks are designed for areas with high volumes of grass and weeds. These decks offer dual side trimming for increased productivity.

#### ◀ Built to last

From a fully integrated ROPS to massive hanger arms, every part is as tough as the frame.



#### ◀ Material Collecting System

Excellent air flow ensures the hopper is filled completely and no clippings are left behind.

#### ◀ Easy access for serviceability

One of the most impressive things under the bonnet is how easy it is to get under it. Service access to all daily checkpoints is fast and simple for service technicians. Deck rotates for cleaning and blade change.



#### ◀ Material Collection System Dumping

High capacity hydraulic dump material collection system with up to 2.0 m (78 in) lift height is available for the 1400 and 1500 Series.



◀ **Mulching kit**

Mulching kit directs the clippings into the blade for re-cutting resulting in smaller clippings, which decompose more quickly.



◀ **Cruise control**

Electrical cruise control can be used to maintain a specific speed, beneficial when mowing open areas. The activation switch is located on the steering column.



◀ **Cab**

Stay on top of work on the 1400 and 1500 Series mowers. Air conditioning system, a deluxe heater/defroster and other options like a windscreen wiper are available.



◀ **7-Iron II Side Discharge Decks**

Stamped steel 7-Iron II deck is the strongest and deepest on the market with a thickness of 4.5 mm. A totally smooth underside with no corners to catch clumps 14.5 cm (5.75 in) depth at maximum point means this deck can handle thick, wet grass with ease.

See selection of mower decks on page 15 ▶

Front Mower	1435 / 1445	1545 / 1565
<b>Engine type</b>		
Rated Engine hp (ISO) 97/68/EC @ rated engine rpm	Yanmar 19 kW (26 hp) / 23 kW (31 hp)	Yanmar 23 kW (31 hp) / 28 kW (38 hp)
Rated Engine hp, ECE-R24 @ engine rpm	18 kW (24 hp) / 22 kW (29 hp)	(22 kW (29 hp) / 27 kW (36 hp))
Rated engine speed (rpm)	3000	3000
Max. torque (Nm) @ rpm	69@2000 / 86@1800	86@1800 / 108@1800
Cylinders	3	3
Displacement (cc)	1115 / 1330	1330 / 1642
Injection type	Indirect / Direct	Direct
Air Cleaner	Dual-Stamp with restriction indicator	Dual-Stamp with restriction indicator
Fuel Tank Capacity (ltr)	60	60
Average fuel consumption (mowing condition) (l/h)	3.8 / 4	4 / 4.5
<b>Transmission</b>		
Travel Speeds (Infinite)	One range Hydrostatic	Two range Hydrostatic
Forward Max km/h (mph)	20 (12)	25 (15)
Forward Low range km/h (mph)		13 (8)
Speed and Direction Control	2-pedal hydrostatic control	2-pedal hydrostatic control
Drive	4WD (on demand/ on)	4WD (on demand/ on/off)
Brakes	Wet disc	Wet disc
L&R independent braking	Standard	Standard
Hydraulic Oil Cooler	Radiator type	Radiator type
PTO clutch	Wet multi-disc, modulated	Wet multi-disc, modulated
PTO engagement	Electro-hydraulic	Electro-hydraulic
<b>Tyres</b>		
Front	23x10.5-12 or 23x8.5-12 4PR	26x12.0-12 4PR
Rear	18x8.5-8 / 18x8.5-10 4PR	20x10.0-10 4PR
<b>Seat</b>		
<b>Dimensions</b>		
Vehicle Height w/ folded ROPS	1.49 m (58.8 in)	1.53 m (60.2 in)
Vehicle Height w/ 2 Post ROPS	2.10 m (82.7 in)	2.13 m (83.7 in)
Vehicle Height w/ 4 Post ROPS or w/ Cab	2.34 m (92.1 in)	2.37 m (93.1 in)
Overall Length w/o Mower	2.20 m (86.7 in)	2.20 m (86.7 in)
Ground Clearance	15.2 cm (6 in)	17.8 cm (7 in)
Wheelbase	1.25 m (49.2 in)	1.25 m (49.2 in)
<b>Weight w/o deck</b>		
	840 kg	840 kg

<b>Mower decks</b>				
Type and cutting width in m (in)	Side Discharge 1.53 (60)	Rear Discharge 1.58 (62)	Side Discharge (1445-1565) 1.83 (72)	Rear Discharge (1445-1565) 1.83 (72)
Construction	7-Iron One-piece stamped steel	Fabricated Fast Back	7-Iron One-piece stamped steel	Fabricated Fast Back
Thickness in mm (gauge)	4.5 (7)	4.5 (7)	4.5 (7)	4 (7)
Height of Cut mm (in)	25 – 152 (1 – 6)	25 – 127 (1 – 5)	25 – 152 (1 – 6)	25 – 152 (1 – 6)
Transport Width m (in)	1.87 (74) w/chute	1.63 (64)	2.18 (86) w/chute	1.88 (74)
Weight (kg)	200	200	210	225
Mulch Kit	Available	Available	Available	Available