

# The Power of Choice

John Deere Commercial Mowing Equipment



JOHN DEERE



## Our Finest Machine Isn't Even A Machine.

Although our equipment is impressive, many customers feel our most remarkable machine is actually our worldwide parts support network. Refined over 171 years, the system includes overnight delivery of the majority of parts. John Deere-trained technicians and a Dealer Technical Assistance Centre (DTAC) system that links every John Deere dealership in the world to a constantly updated list of identified service issues and solutions.

The evidence: A part that shows up on time, years of experience behind the tools of a technician and a machine ready when we said it would be, every time.



Our service kits come with everything you need to perform regular maintenance on your equipment. See your John Deere dealer for the kit that's right for you.

## Five reasons for a John Deere.

### 1 High product quality



We have a passion for quality. It is mirrored in all key areas, including service, performance and ease of use – not to mention our excellent product design.

### 2 Outstanding cut quality



The Edge Xtra Cutting System with precision engineered mower decks guarantees a top quality cut.



### 3 Great resale value



If resale value is an important consideration, you should choose reliable, rugged, long lasting John Deere machines.

### 4 Worldwide parts distribution system



Just register online and you can order parts from your John Deere dealer anytime, day or night, at <http://www.JDParts.co.uk> \*

\*not available in all countries

### 5 Ultimate dealer service



Every technician at a John Deere dealership is a true professional. Every one is required to complete an education programme that includes extensive communication and diagnostic system training.

# For Every Blade of Grass, There's a Machine to Cut It.

## Commercial Walk Behind Mowers



## Zero Turn Radius Mowers



## Front Rotary Mowers



## Comfort Rotary Mowers



Page 6

**C43**  
**C52KS**  
**JX90C**  
**JX90CB**

Easily handle the toughest tasks.

**7H17**

Highly productive mower for wide areas in demanding conditions.

- Hydrostatic transmission
- Fully suspended floating deck
- Rear discharge

Page 8

**997**

Maximum manoeuvrability and productivity.

- High volume mowing in confined spaces
- Shaft driven deck
- Wet PTO clutch
- Maximum durability

Page 10

**1435**  
**1445**  
**1545**  
**1565**

High durability and performance.

- Shaft driven deck
- High volume mowing with 7-iron decks
- Perfect choice for thick, wet grass
- Excellent four wheel drive

Page 16

**1505**  
**1515**

Maximum comfort and productivity.

- Hydraulic driven deck(s)
- Outstanding Comfort
- Premium Cab factory fitted
- High transport speed

**Wide Area Rotary Mowers**

**Triplex Mowers**

**5 Gang Reel Mowers**

**Tractors**



Page 18

Page 20

Page 22

Page 24

**1600T**

Suitable for large areas.

- High performance due to high mowing speed along with wide cutting width
- Very high volume mowing
- Wing decks able to mow upward and downward angles

**2563B**

Our specialist for sports fields.

- Power and traction for all mowing conditions
- Easy to use

**1905**

For large areas requiring a clean cut.

- Very high volume mowing
- Floating reels for excellent contour following
- Wide range of cutting units including large diameter commercial reels
- Premium Cab factory fitted

**X740  
X748**

Easy to operate.

- Versatile due to a variety of attachments
- Highly productive and manoeuvrable with excellent mowing capability

**2000, 3000 and 4000  
TWENTY Series**

Highly productive and flexible with a variety of attachments which are easy and quick to attach.

- Material collection systems
- Optional cab

## Take Any Job In It's Stride.

John Deere commercial walk-behind products are one of the benchmarks for the industry. With a choice of single or variable speed drive, durable, warp resistant and rustproof aluminium deck, these mowers can easily handle the toughest tasks and more.



**C43**  
The C43 push mower offers the greatest manoeuvrability of all John Deere commercial walk behinds. It also comes complete with a collection system to give you perfect results. It includes the vibration-reducing AVS™ System as standard.



**C52KS**  
This side discharge model offers a wide 52 cm cutting width, powerful 6.5 hp (4.8 kW) 4-stroke engine, an external 7 litre fuel tank, AVS™ and a single-speed drive system.



**7H17**  
This mower is perfect for large cutting jobs where mowing speed and easy on-off trailer tasks really count.

	C43*	C52KS*	JX90C*	JX90CB*	7H17
<b>Engine type</b>	4-stroke Briggs & Stratton Intek	4-stroke Kawasaki, OHV	4-stroke Kawasaki, OHV	4-stroke Kawasaki, OHV, BBC	4-stroke Kawasaki
<b>Max Power</b>	4 kW (5.5 hp)	4.8 kW (6.5 hp)	4.8 kW (6.5 hp)	4.8 kW (6.5 hp)	12.7 kW (17 hp)
<b>Fuel capacity (ltr)</b>	1.5	7	7	7	22.7
<b>Starting system</b>	Rope	Rope	Rope	Rope	Rope/ Electrical option
<b>Drive system</b>	Push	Single speed, 4.2 km/h	Variomatic, 2.7 – 5 km/h	Variomatic, 2.7 – 5 km/h	Hydrostatic, 0 – 11.2 km/h
<b>Mowing Width cm (in)</b>	43 (17)	52 (20.5)	54 (21)	54 (21)	122 (48)
<b>Discharge</b>	Rear	Side	Rear	Rear	Rear
<b>Rear Bag capacity (ltr)</b>	65	–	80	80	–
<b>Height of Cut mm (in)</b>	20 – 80 (0.8 – 3.2)	31 – 71 (1.2 – 2.8)	17 – 85 (0.7 – 3.3)	17 – 85 (0.7 – 3.3)	25 – 127 (1 – 5)
<b>Deck construction</b>	Die-cast aluminium, steel armored	Die-cast aluminium, steel armored	Die-cast aluminium, steel armored	Die-cast aluminium, steel armored	3.4 mm (10 gauge) steel fabricated
<b>Handlebar</b>	Standard w/ AntiVibrationSystem AVS™	Standard w/ AntiVibrationSystem AVS™	Standard w/ AntiVibrationSystem AVS™	Standard w/ AntiVibrationSystem AVS™	Pistol type
<b>Weight (kg)</b>	35	55	64	68	300

\*) not available in D



#### Low vibration

The vibration-reducing AVS™ System provides low vibration levels and is standard on all commercial walk behind mowers. Designed to meet health and safety guidelines, AVS™ allows commercial users all day, stress free operation.



#### Great comfort

The new dashboard offers excellent operator comfort. The metal controls and the added guard ensure best protection.

## Consider yourself out-maneuvred. Z-Trak.



There's only one simple solution to cutting down your mowing time and coming in under budget.

How? Great manoeuvrability combined with a powerful engine, high capacity deck and reliability.

With numbers like a minimum of 20% less operating time than a front mower, it's easy to see how fast the savings can add up.



### Power to perform

The 997 diesel Z-Trak is equipped with a direct injection Yanmar diesel engine, which provides more displacement and peak torque than most competitors – this enables operators to maximise acres mowed per hour.



### Heavy duty design

Shaft-driven mower deck, hydraulic PTO clutch, single-body dual-unitised pump and strong chassis are the key elements for proving long life and durability.



### Deck choice

Three choices for decks: a side discharge or rear discharge 1.52 m (60 in) deck and for more productivity, a 1.83 m (72 in) side discharge deck – all manufactured from 7 gauge (4.5 mm) steel.

Zero Turn Mower	997
<b>Engine type</b>	
Rated Engine hp (ISO) 97/68/EC @ rated engine rpm	Yanmar Diesel 23 kW (31 hp)
Rated Engine hp, ECE-R24 @ engine rpm	22 kW (29 hp)
Rated engine speed (rpm)	3000
Max. torque (Nm) @ rpm	86@1800
Displacement (cc)	1330
Cylinders	3
Air Cleaner	Dual-Stamp with restriction indicator
Injection type	Direct
Fuel Tank Capacity (ltr)	45.5
Average fuel consumption (mowing condition) (ltr/h)	3.3
<b>Transmission</b>	
Travel speed, FORWARD km/h (mph)	0 – 18.5 (0 – 11.5)
Travel speed, REVERSE km/h (mph)	0 – 8 (0 – 5)
Hydraulic Oil Cooler	Radiator type
Drive Tyres	26x12 - 12 4 PR
Caster Wheel Size	15x6 - 6
Braking	Twin levers
Park Brake	Dry disc, hand lever actuated
PTO clutch	Wet multi-disc, modulated
PTO drive	Shaft
PTO engagement	Electro-hydraulic
<b>Seat</b>	
Deluxe with armrests, suspension option	
<b>Dimensions</b>	
Overall Length m (in)	2.43 (96)
Height folded ROPS/with ROPS m (in)	1.51 (59.5) / 1.93 (74.8) w/ OSHA ROPS
Weight (kg)	805
Mower Decks	
Lift system	Electro-Hydraulic, foot actuated
Height of Cut Adjustment	Dial gauge, assisted by hydraulic deck lift

Mower Decks			
Type and cutting Width in m (in)	Rear discharge 1.53 (60)	Side discharge 1.53 (60)	Side discharge 1.83 (72)
Construction	Fabricated	7-Iron One-piece stamped steel	7-Iron One-piece stamped steel
Thickness mm (gauge)	4.5 (7)	4.5 (7)	4.5 (7)
Height of Cut mm (in)	38-127 (1.5 - 5)	38-127 (1.5 - 5)	38-127 (1.5 - 5)
Transport Width m (in)	1.57 (62)	1.87 (74) w/chute	2.18 (86) w/chute
Mulch Kit	N/A	optional	optional



**Easy deck lift**

For deck lift, just press the electrical foot pedal switch to lift.



**Simple Height of Cut adjustment**

Best in class deck adjustment thanks to the Height of Cut selector that is well located on the right hand control panel.



**Outstanding operator Comfort**

One piece, high-back, deep cushioned seat with standard armrest and excellent visibility to the operator controls, which are located on the right hand side including the electrical PTO switch.

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

Mower decks				
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

## The comfort reference.

Even though the 1505\* and 1515\* are large scale mowers, focus is on the little details that are the hallmarks of true excellence in comfort and reliability. That's why over the years of development, these two high performance models have been continuously improved.\*

\*Not available in the UK.

### Premium Comfort Cab

Optional factory fitted spacious cabs are the ultimate in comfort. Cab is vibration isolated and features very low noise level. With Cab, the mower is equipped with air suspended seat for outstanding ride comfort. Optional, factory fitted air conditioning is available.



### All-in-one command

The ergonomically designed, adjustable CommandArm armrest with integrated controls is standard on the 1505 and 1515. It moves with the seat and allows easy control over your machine.



### Road drive comfort

Comfort seats and front deck suspension (gas pressure accumulator) automatically activated during road use provide first class comfort.



### Low noise level

Hydraulically driven blades make machine operation noticeably quiet. Also low rated engine speed and the advanced exhaust system result in reduced mowing noise which is beneficial to the environment and the operator.



### Efficient cutting performance

Hydraulic deck drive technology provides constant blade speed even in tough conditions. Hydraulic quick couplers ensure easy mounting of the deck or any hydraulically driven attachments.

Comfort Mower	1505*	1515*
<b>Engine type</b>	Yanmar	Yanmar
Rated Engine hp (ISO)	35 kW (48 hp)	35 kW (48 hp)
97/68/EC @ rated engine rpm		
Rated Engine hp, ECE-R24 @ engine rpm	31 kW (42 hp)	31 kW (42 hp)
Rated engine speed (rpm)	2600	2600
Max. torque (Nm) @ rpm	120@1700	120@1700
Cylinders	4	4
Displacement (cc)	2190	2190
Injection type	Direct	Direct
Air Cleaner	Dual-Stamp	Dual-Stamp with restriction indicator
Average fuel consumption (mowing condition) (l/h)	5.7	5.7
Fuel Tank Capacity (ltr)	50	50
<b>Transmission</b>	Hydrostatic, wheel motors	Hydrostatic, wheel motors
Travel Speeds (Infinite)		
Forward Max km/h (mph)	25 (15)	25 (15)
Forward Low range km/h (mph)	16 (10)	16 (10)
Speed and Direction Control	Single pedal servo system	Single pedal servo system
Brakes	Wet on wheel motors	Wet on wheel motors
Transmission Oil Cooler	Integrated oil and coolant cooler	Integrated oil and coolant cooler
4WD	Wheel motors	Wheel motors
Differential lock	Standard	Standard
Weight transfer	Standard	Standard
<b>Dimensions</b>		
Vehicle Height w/o Cab m (in)	1.43 (56.3)	1.43 (56.3)
Vehicle Height w/ Cab m (in)	2.09 (82.3)	2.09 (82.3)
Overall Length w/o Mower (m)	2.28	2.28
Ground Clearance (m)	0.23	0.23
Wheelbase (m)	1.31	1.31
<b>Weight</b>		
Weight including deck w/o Cab (kg)	1,320	1,575
Weight including deck and Cab (kg)	1,495	1,750
<b>Tyres</b>		
Front	26x12-12 6 PR	26x12-12 6 PR
Rear	20x10-10 4 PR	20x10-10 4 PR
<b>Seat</b>		
	Grammer Maximo M for OOS or XXL for Cab	Grammer Maximo M for OOS or XXL for Cab



**1515 front and wing deck advantage**  
Reach difficult spots, like roadsides and areas close to water! Prevent possible damage from trees or kerbs and other potential obstructions while the deck moves rearwards and inwards!



**Serviceability**  
Optimum service access keeps maintenance time to a minimum. Diagnostics are simplified with LED lights and a "heartbeat". Also, from a rugged frame, to Kevlar mower deck belts, to a fifth-generation hydraulic system, it's clear these mowers are ready for a lifetime of service.

\* Not available in the UK

Mower Decks	fits 1505	fits 1505	fits 1505	fits 1515
Type and cutting width m (in)	Side Discharge 1.80 (71)	Rear Discharge 1.83 (72)	Rear Discharge 2.23 (88)	Total 2.85 (112), Front 1.80 (71), Side Wing 1.20 (47) RD
Construction	Fabricated	Fabricated Fast Back	Fabricated	Fabricated
Thickness (mm)	4	4	4	4
Height of Cut mm (in)	13 – 105 (0.5 – 4.1)	25 – 152 (1 – 6)	13 – 105 (0.5 – 4.1)	Front deck: 13 – 105 (0.5 – 4.1) Side deck: 13 – 105 (0.5 – 4.1)
Transport Width m (in)	2.16 (85) with chute	1.88 (74)	2.05 (80.7)	2.04 (80.3)
Mulch Kit	N/A	Available	N/A	Available

## Taking Wide Area Mowing a Step Further.



Most impressive though is the 1600 Turbo's ability to keep mowing continuously, hour after hour, day after day. A high torque 159 Nm, 58 hp (43 kW) engine power and the industry's only top drawer cooling system ensure this amazing technical advance can more than go the distance.

Drive one and experience traction for all mowing conditions.



### High Performance engine

It's torque – not horsepower – that makes the difference in cutting. That's why the 1600 Turbo features 159 Nm torque. Why? Large displacement, turbocharged engine, overhead-valve, 4-cylinder and direct fuel injection.



### Easy Controls

Low effort controls are conveniently grouped on the right hand side and include an electrically activated PTO and mower deck lift and lower switches, along with 4WD, high and low speed range levers and throttle.



#### Ready for ups and downs

The 1600's wing decks are able to mow at a 45 degree upward angle and a 20 degree downward angle to maintain a flawless cut – no matter what the terrain.



#### Superior Impact Absorbing System

Impact Absorbing System allows the wing decks to move rearwards and inwards to prevent possible damage from trees, kerbs and other potential obstructions.



Wide Area Mower	1600T
<b>Engine type</b>	
Rated Engine hp (ISO) 97/68/EC @ rated engine rpm	Yanmar 43 kW (58 hp)
Rated Engine hp, ECE-R24 @ engine rpm	41.2 kW (55 hp)
Rated engine speed (rpm)	3000
Max. torque (Nm) @ rpm	159@1600
Cylinders, valves	4, 16-valve, Turbo
Displacement (cc)	1995
Injection typ	Direct
Air Cleaner	Dual-Stamp with restriction indicator
Average fuel consumption (mowing condition) (l/h)	7.3
Fuel Tank (ltr)	83.3
<b>Transmission</b>	
	Hydrostatic, planetary drive
Forward Max km/h (mph)	23.2 (14.4)
Low range km/h (mph)	13.8 (8.6)
Speed and Direction Control	2-pedal hydrostatic control
Brakes	Wet disc
L&R independent braking	Standard
Transmission Oil Cooler	Integrated oil and coolant cooler
Differential lock	Standard
4WD	Mechanical
<b>Dimensions</b>	
Transport Width m (in)	2.13 (84)
Vehicle Height w/ ROPS or canopy m (in)	1.95 (77)
Overall Length w/ mower m (in)	3.35 (132)
Ground Clearance m (in)	0.165 (6.5)
Wheelbase m (in)	1.52 (60)
Wheight (including decks) (kg)	1,790
<b>Tyres</b>	
Front	26x12-12 6 PR
Rear	18x9.5-8 6 PR
<b>Seat</b>	
	Grammer MSG 83/20

Mower decks	
Cutting Widths cm (in)	325 (128), 239 (94), 158 (62)
Centre Deck Cutting Width cm (in)	157 (62)
Wing Deck Cutting Width cm (in)	107 (42)
Discharge	Rear
Deck Construction	Fabricated
Deck Thickness mm (gauge)	4.5 (7)
Height of Cut mm (in)	25 – 139 (1 – 5.5)
Mulching kit	Available
Wing Deck Float	Contour following (up to 45 degrees)

#### Operator station

The operator position between the front and rear axle provides a perfect view of the cutting area and the two cutting units on each side.

Heavy duty, that's what counts.



**Comfort**  
The Deluxe seat ensures all-day operator comfort.



**Convenience**  
With Sit-on-Seat Diagnostics, everything from reel controls to machine diagnostics and bilingual codes are in the operator's sight.



John Deere 2653B is uniquely designed to excel in all areas: excellent quality of cut, superior operator comfort and ease of use combined with unmatched access to all service items plus high durability and reliability.

3 Gang Reel Mower	2653B
<b>Engine type</b>	
Rated Engine hp (ISO) 97/68/EC @ rated engine rpm	Yanmar 14.6 kW (19.5 hp)
Rated Engine hp, ECE-R24 @ engine rpm	14.2 kW (19 hp)
Rated engine speed (rpm)	3000
Cylinders	3
Displacement (cc)	854
Injection type	Indirect
Air cleaner	Dual-Stamp with restriction indicator
Fuel Tank (ltr)	28
<b>Transmission</b>	
Hydrostatic	
Travel speeds	
Forward Max km/h (mph)	14 (8.5)
Low range km/h (mph)	8 (5)
Speed and direction control	2-pedal hydrostatic control
Brakes	Hydrostatic
Drive	3 Wheel motors
<b>Dimensions</b>	
Transport Width m (in)	1.60 (63) / 1.90 (75)
Vehicle Height w/ ROPS (m)	2.08
Overall length w. Cutting Units (m)	2.35
Weight w. Cutting Units (kg)	860
<b>Tyres</b>	
Front	20x10-10
Rear	20x10-8
<b>Cutting units</b>	
Type (cm)	66
Diameter cm (in)	17.8 (7)
Number of blades	5/8
Head type	Fixed or floating
Total Cutting Width (cm)	183
Type (cm)	76
Diameter cm (in)	17.8 (7)
Number of blades	5/8
Head type	Fixed or floating
Total Cutting Width (cm)	213



**All terrain**  
The 2653B features a powerful hydraulic drive system, providing equal traction to all wheels and eliminating the need for weight transfer.



**Durable cutting Unit**  
Both the 66 cm (26 in) and 76 cm (30 in) cutting units roll on and off mounting arms quickly and easily for routine service.

For more information, please see our Golf brochure.

## The 1905, Go Wide.



For exceptional productivity, clean cut and high durability, the 1905 5-gang reel mower features the perfect package. The cutting units can be easily lifted at once with a touch of the Quick lift switch. Situated on the CommandArm it is within reach to facilitate turning at the end of the mowing path or transporting to the next mowing area.

### All around view

With the operator position between the front and rear axle, the operator will not only experience comfortable use of the machine but will also have a perfect view of the cutting area and mowing units. Even on our 5-gang 1905, the operator does not have to bend backwards to see the two side cutting units.



### Traction and mowing performance

Productivity starts with the powerful engine at 48 hp (35 kW) max with direct injection for operation in any application. Four-wheel-drive, differential lock and weight transfer ensure speed is maintained in tough conditions.



**All-in-one command**  
The ergonomically designed, adjustable CommandArm armrest with integrated controls is standard on the 1905. Independent left and right cutting unit lifting is very useful to mow around obstacles.



### Premium Comfort Cab

Optional cab with factory fitted air conditioning (optional) and air suspended seat is vibration-isolated and features a very low noise level.



**Easy serviceability**  
Optimal service access keeps maintenance time to a minimum. The diagnostics are simplified with LED lights and a "heartbeat".

5 Gang Reel Mower	1905
<b>Engine type</b>	Yanmar
Rated Engine hp (ISO) 97/68/EC @ rated engine rpm	35 kW (48 hp)
Rated Engine hp, ECE-R24 @ engine rpm	31 kW (42 hp)
Rated engine speed	2600
Max. torque (Nm) @ rpm	120@1700
Cylinders	4
Injection type	Direct
Displacement (cc)	2190
Air cleaner	Dual-Stamp with restriction indicator
Average fuel consumption (mowing condition) (l/h)	4.5
Fuel Tank (ltr)	60
<b>Transmission</b>	Hydrostatic, wheel motors
Travel speeds	
Max (km/h)	25
Low range (km/h)	13
Speed and direction control	Single pedal servo
Brakes	Wet on wheel motors
Transmission Oil Cooler	Integrated oil and coolant cooler
Weight transfer	yes, OS adjustable
4WD	yes, wheel motors
Differential lock	yes
<b>Dimensions</b>	
Transport width m (in)	2.29 (90.2)
Height w/o Cab/ROPS m (in)	1.52 (59.8)
Height with ROPS m (in)	2.12 (83.5)
Height with Cab m (in)	2.22 (87.4)
Overall length w. cutting. Units m (in)	2.82 (111)
<b>Weight</b>	
w. Cutting Units with ROPS (kg)	1,755
w. Cutting Units and cab (kg)	1,960
<b>Tyres</b>	
Front	26x12-12 6 PR
Rear	20x10-10 4 PR
<b>Seat</b>	Grammer Maximo M for OOS or XXL for Cab
<b>Cutting units</b>	
Type cm (in)	ESP 75 (29.5)
Diameter cm (in)	20 (8)
Number of blades	6/8
Head type	Fix or float setting
Total Cutting Width cm (in)	345 (136)
Type cm (in)	Jumbo 75 (29.5)
Diameter cm (in)	25 (10)
Number of blades	6/8
Head type	Fix
Total Cutting Width cm (in)	345 (136)
Type cm (in)	Standard 75 (29.5)
Diameter cm (in)	18 (7.1)
Number of blades	5
Head type	Fix
Total Cutting Width cm (in)	345 (136)
Type cm (in)	Standard Extra Wide 90 (35.4)
Diameter cm (in)	18 (7.1)
Number of blades	6
Head type	Fix
Total Cutting Width cm (in)	405 (159)



**Large 10 in diameter Jumbo reels...**  
... are especially designed for commercial application and enable the cutting of longer grass. They have many durability features including double torque tubes for more rigidity and reduced maintenance.



**Extra Strength and Precision (ESP) 8 in diameter reels**  
ESP's have been specially designed for precision cutting with operational and durability features.



**Standard and extra large 7.1 in diameter reels**  
With the extra large reels, the 1905 features a cutting width of 4.05 m (139 in) for very high productivity.

## X-Series. Nothing Else Comes Close.

X700 Series mowers excel at maintaining medium size, highly landscaped areas.

With a tight turning radius, precise handling and mid mounted superior mulch-capable decks mowing around flowerbeds, trees or shrubs is a delight.

Just another fringe benefit of choosing John Deere.



**Durability**  
Every component, like this heavy duty commercial grade hydrostatic transaxle, is designed to maximise long term strength.



**High Torque Engine**  
The high torque 61.8 Nm diesel engine in the X740 and X748 is liquid cooled for greater reliability. Efficient combustion reduces exhaust emissions and increases fuel economy. High energy glow plugs ensure quick starts in cold weather.



**Traction**  
Four wheel drive on the X748 ensures outstanding performance. The differential allows smooth turning and provides power to the drive wheels with less traction loss. Works in forward and reverse.



**Comfort**  
With a deluxe seat, low effort controls and remarkable Twin Touch pedals that follow the natural motion of your foot; it's never been so easy to work so hard.

X-Series	X740	X748 (4WD)
<b>Engine type</b>	Yanmar Diesel	Yanmar Diesel
Rated Engine hp (ISO)	17.9 kW (24 hp)	7.9 kW (24 hp)
97/68/EC @ rated engine rpm		
Max. torque (Nm)@rpm	62@2300	62@2300
Cylinders	3	3
Displacement (cc)	1116	1116
Fuel Capacity (ltr)	24.6	24.6
<b>Transmission</b>	Hydrostatic	Hydrostatic
Differential Lock	Standard	Standard
Cruise Control	Standard	Standard
Brakes	Internal wet disc	Internal wet disc
Travel speeds at max engine rpm (km/h)	0 – 13.7	0 – 13.7
Hydraulics	2 dual SCV's	2 dual SCV's
Tyre size front	18x8.50-10	18x8.50-10
Tyre size rear	26x12-12	26x12-12
<b>Controls</b>		
Steering	Power Steering	Power Steering
PTO engagement	Electro-hydraulic	Electro-hydraulic
Deck lift	hydraulic	hydraulic
<b>Dimensions</b>		
Length overall (m)	1.9	1.9
Wheelbase (m)	1.4	1.4
Height overall (seat) (m)	1.3	1.3
Weight (net w/o Fuel) (kg)	453	525

Decks				
Discharge	48C Side Discharge	54C Side Discharge	60RD Rear Discharge	62C Side Discharge
Cutting Width m (in)	1.22 (48)	1.37 (54)	1.52 (60)	1.57 (62)

#### Commercial deck choice

Long grass doesn't stand a chance with the Edge Cutting System. Choose from 4 different decks and change from side discharge and mulching in seconds. Even in wet conditions, the deep mowing decks provide a superior cut, with increased mower blade overlap to ensure every blade of grass is cut even when turning.



#### Material Collection System MCS 580L – 580H

- 600 litre material collection capacity
- High Dump 1.76 m (69 in)
- Hydraulic lock on trap to provide maximum sealing when operated
- Easy, one person installation
- Optional: 3 bag bagger power flow, 500 ltr.

For more information, please see the X700 brochure.

## The Power to Make It Happen.

Although sized to easily park in garages or sheds, the 2000 TWENTY Series has the durable “big-tractor” features you expect: a full Category 1 three-point hitch and heavy duty axles for higher loads. Both models come with standard 4WD, two-pedal automatic transmissions, high hydraulic flow for powering loaders and features like standard cruise control and folding Roll-Over Protective Structures.

The 3000 and 4000 TWENTY Series have a standard digital performance tracking system, standard 4WD and an amazing LoadMatch power management system to maximise performance in every application. While comforts like automotive-style controls, smooth transmissions, standard high-back seats and tilt-steering maximise your performance. No wonder they outclass every other tractor in their class.

### Sound of Silence

Protect yourself from the elements with this roomy, comfortable cab. Enjoy plenty of leg room and excellent visibility. Silence is golden with a mere 81 dB(A) for 3000 and 79 dB(A) for 4000 TWENTY Series.



### Sophisticated hydraulic system

Instead of one single hydraulic pump that divides flow between steering and a hydraulic implement such as a loader, these units split the functions, ensuring that the steering always gets the oil it needs and the implement does, too.

### Mid-Mount Mower Decks

Excellent airflow and vacuuming for a clean cut. On 2000 Series, decks are equipped with a pin-based On Ramp drive-on, drive off system. On 3000 Series, just drive over and the drive shaft will be connected automatically.

### Material Collection System

The high capacity 345H with 800/1200 litre capacity or the 580L and 580H with 600 or 850 litre capacity material collection system leaves behind a flawless finish. Plus, no leaving the seat to empty the hopper.



**Front Hitch/PTO**  
For easy front attachment hook up, there is a front Hitch and a front PTO available.



**Powerful Engines**  
Liquid-cooled diesel engines are specifically designed to deliver low-end lugging power to pull heavy loads and move earth.



**Easy transmission controls**  
TwinTouch Transmission Pedals make it easy to switch from forward to reverse and let you rest your heel on the platform the whole time you drive.

Deck fits	2320	2520/2720	2000 Twenty Series	3000 Twenty Series	3000/4000 Twenty Series
Discharge	54" Side Discharge	60" Rear Discharge	62" Side Discharge On Ramp	60" Side Discharge 7-Iron II	72" Side Discharge 7-Iron II
Cutting Width m (in)	1.37 (54)	1.52 (60)	1.57 (62)	1.52 (60)*	1.83 (72)*

\*Not compatible with Galaxy fine turf tyres.

For more information, please see the Compact Utility Tractors brochure.

www.JohnDeere.co.uk  
www.JohnDeereInternational.com  
www.JohnDeere.co.za



## Get The Credit You Deserve

With over a century of experience financing outdoor equipment, John Deere Credit brings the same courtesy and commitment to service that's always been a hallmark of John Deere.

**We offer:**

- An easy online credit application
- Extremely competitive rates
- Fast service

Ask your dealer for details on how we can help.



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