

COMMERCIAL QUIKTRAK™ MOWERS

E Series, M Series, R Series



JOHN DEERE



636M QuikTrak

Stand on a mower that'll help you stand apart.

These mowers deliver the best of both worlds: innovative stand-on technology, combined with John Deere quality, durability, and support. The result is a tremendous stand-on experience. Stable, even on tricky hills and mounds. Excellent operator positioning, including an adjustable spring step and angled pad. A compact design for better sightlines and tighter spaces. And John Deere controls for superior maneuverability.

E SERIES

6-2E
652E Propane*



M SERIES

636M
648M
652M



R SERIES

648R
648R Propane*
652R
652R EFI
652R Propane*
661R
661R EFI
661R Propane*



QuikTrak™ E Series

Cut costs. Save time.

The QuikTrak 652E mower features a commercial-grade 22.0 HP (16.4 kW), 726cc^{2,3} gas engine and Flat Free front tires that keep you going strong all day, and sealed front caster bearings for longer life. It also comes with a fixed, 7-gauge steel deck, giving you the ideal balance of performance and value.

Greater Maneuverability is the result of responsive, ergonomic controls. And the result of that is superior productivity.



*Propane conversion kit available in the US only.

²@ 3600 RPM engine manufacturer certified gross power tested in accordance with SAE J1995.
³The engine horsepower and torque information 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.



QuikTrak™ M Series

The new way to make all the right moves.

The QuikTrak 600 M Series delivers unsurpassed performance with a low cost of ownership. Case in point: the 636M. With its agile 36 in. (91.4 cm) deck, the 636M has a compact footprint for great maneuverability in tight quarters. And the deep deck design guarantees that the 636M will deliver a great cut, no matter the size of the property. With everything they can do, and all the space they can free up, the M Series can give you more flexibility with a smaller fleet.

Adjustable height-of-cut
Get exactly the cut you want, in easy-to-adjust 1/4" (.635 cm) increments.



36" deck (91.4 cm)
The M Series is available with our smallest deck. It's one of the more compact mowers on the market, lighter than a zero-turn, and takes up less space on a trailer, so there's room for an extra mower – helping you save even more time and money.



QuikTrak™ R Series

Stands up to whatever comes your way.

With the QuikTrak 600 R Series, you get the very best that John Deere has to offer in a stand-on mower: 7-gauge steel floating deck that allows the operator to raise the transport position from the operator's station. An optional Mulch On Demand™ at the touch of a button. Plus the reliability, performance and long life that come with a heavy-duty Hydro-Gear pump. And the R Series features two models with electronic fuel inject engines: the 652R EFI and the 661R EFI. These engines feature more horsepower and torque and have a closed loop system that optimizes fuel economy.

Whether you go for the solid, dependable E Series, compact M Series or the full-featured R Series (seen here), count on getting your work done more efficiently than ever before.



◀ **A quick adjustment pin** lets you change cutting heights from 1.5 to 5 inches (3.8 cm to 12.7 cm).

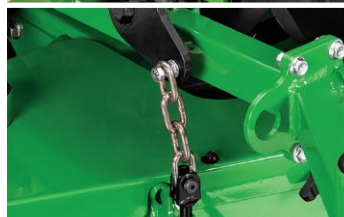


Optional X® TWEEL® TURF AIRLESS RADIAL TIRE by MICHELIN®

All the qualities you want in a pneumatic tire, but none of the air – so flats, downtime and patch kits will be a thing of the past. Available on the R Series QuikTraks.



◀ **Simplified maintenance** Open it up, and all the service points are within easy reach.



◀ **The floating mower deck** with lift-assist springs raises the mower over obstacles on the fly, right from the operator's station.



Mulch On Demand™
Cut consistently. Control your clippings. Save cleanup time. At the touch of a button. Optional on the 652R and 652R EFI.



SPECIFICATIONS: 2019 Commercial QuikTrak™ Mowers

	E Series	M Series		
MODEL	652E	636M	648M	652M
ENGINE				
Certified Horsepower**	22.0 HP (16.4 kW) ^{2,3} @ 3600 RPM	18.5HP (13.8 kW) ^{2,3} @ 3600 RPM	22.0 HP (16.4 kW) ^{2,3} @ 3600 RPM	22.0 HP (16.4 kW) ^{2,3} @ 3600 RPM
Engine Model	FX691V	FS600V-AS28-R	FX691V	FX691V
Displacement	726 cc	603 cc	726 cc	726 cc
Cylinders	Two	Two	Two	Two
Oil Filter	Spin on Full Flow - Cartridge type	Spin on Full Flow - Cartridge type	Spin on Full Flow - Cartridge type	Spin on Full Flow - Cartridge type
Lubrication	Full Pressure	Full Pressure	Full Pressure	Full Pressure
Cooling	Air	Air	Air	Air
Air Cleaner	Heavy-duty canister type with safety element	Dry Type - Dual Stage	Dry Type - Dual Stage	Dry Type - Dual Stage
FUEL SYSTEM				
Fuel Type	Gas	Gas	Gas	Gas
Fuel Tank Capacity	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)
ELECTRICAL SYSTEM				
Charge System	12V - 20 amp @ 3600RPM	12V - 15 amp @ 3600RPM	12V - 15 amp @ 3600RPM	12V - 15 amp @ 3600RPM
Battery Voltage	12 Volt	12 Volt	12 Volt	12 Volt
Hour Meter	Standard, digital	Standard, digital	Standard, digital	Standard, digital
Operator Presence Control System	Mechanical Over Electrical	Mechanical Over Electrical	Mechanical Over Electrical	Mechanical Over Electrical
DRIVE TRAIN				
Hydraulic Pumps	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PG Series 10cm ³ /rev (0.61 cu in./rev)	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PG Series 10cm ³ /rev (0.61 cu in./rev)	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PG Series 10cm ³ /rev (0.61 cu in./rev)
Wheel Motors	Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in./rev.)	Hydro-Gear HGM-P Series, 196 cm ³ /rev. (12.0cu in./rev.)	Hydro-Gear HGM-P Series, 196 cm ³ /rev. (12.0cu in./rev.)	Hydro-Gear HGM-P Series, 196 cm ³ /rev. (12.0cu in./rev.)
Speed & Direction Control	Twin Motion Control Levers	Twin Motion Control Levers	Twin Motion Control Levers	Twin Motion Control Levers
Hydraulic Capacity	5.0 qt (4.7 L)	5.0 qt (4.7 L)	5.0 qt (4.7 L)	5.0 qt (4.7 L)
Travel Speed Forward	0 - 9.6 mph (15.4 km/h)	0 - 8.2mph (13.2 km/h)	0 - 8.2mph (13.2 km/h)	0 - 8.2mph (13.2 km/h)
Travel Speed Reverse	0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)	0 - 3.5 mph (5.6 km/h)	0 - 3.5 mph (5.6 km/h)	0 - 3.5 mph (5.6 km/h)
PTO				
Type	Electro-Magnetic (200 lb. ft.) w/Brake	Electro-Magnetic-cw (125 lb. ft.) w/Brake	Electro-Magnetic-cw (125 lb. ft.) w/Brake	Electro-Magnetic-cw (125 lb. ft.) w/Brake
Deck Drive	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord
BRAKES				
Park Brake	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement
Park Brake Actuation	Over Center Hand Lever	Over Center Hand Lever	Over Center Hand Lever	Over Center Hand Lever
MOWER DECK				
Available Width / Type	52 in. (132.1 cm) Side Discharge	36 in. (91.4 cm) Side Discharge	48 in. (121.9 cm) Side Discharge	52 in. (132.1 cm) Side Discharge
Deck construction	7-gauge (0.177 in.) 4.5mm fabricated steel	7-gauge (0.177 in.) 4.5mm fabricated steel	7-gauge (0.177 in.) 4.5mm fabricated steel	7-gauge (0.177 in.) 4.5mm fabricated steel
Style	Fixed	Floating	Floating	Floating
Height-of-Cut Range / Increment	1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm. to 12.7 cm.) / 0.25 in. (.6 cm)
DECK BLADES				
Tip Speed	Approximately 18,900 fpm	18,900 fpm	18,900 fpm	18,900 fpm
Number	Three	Two	Three	Three
WHEELS AND TIRES				
Drive (Rear) Tires	20 x 10.00-8 4PR Turf Master	18 X 8.50 - 10 4PR Turf Master	18 X 10.50 - 10 4PR Turf Master	18 X 10.50 - 10 4PR Turf Master
Caster Wheel Type	Flat Free	Flat Free	Flat Free	Flat Free
Caster Wheel Size	13 x 6.5 - 6	11 x 4 - 5	11 x 4 - 5	11 x 4 - 5
DIMENSIONS				
Overall Length	66 in. (167.6 cm.)	62 in. (157.5 cm.)	59.75 in. (151.8 cm.)	59.75 in. (151.8 cm.)
Overall Width (chute down)	66 in. (167.6 cm.) with Chute Down	49.5 in. (125.7 cm.) with Chute Down	62 in. (157.4 cm.) with Chute Down	66 in. (167.6 cm.) with Chute Down
Height	47 in. (119 cm.)	46 in. (117 cm.)	46 in. (117 cm.)	46 in. (119 cm.)
Weight (with Fluids)	927 lbs (420.5 kg)	731lbs (332 kg)	820 lbs (372kg)	828lbs (375 kg)
WARRANTY¹				
Duration	24 months, no hour limitation	24 months, no hour limitation	24 months, no hour limitation	24 months, no hour limitation
Type	Single Source Commercial	Single Source Commercial	Single Source Commercial	Single Source Commercial

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R Series

648R	652R	652R EFI	661R	661R EFI
22.0 HP (16.4 kW) ^{2,3} @ 3600 RPM	23.5 HP (17.5 kW) ^{2,3} @ 3600 RPM	25.0 HP (18.6 kW) ^{3,5} @ 3600 RPM	23.5 HP (17.5 kW) ^{2,3} @ 3600 RPM	25.0 HP (18.6 kW) ^{3,5} @ 3600 RPM
FX691V	FX730V	ECV740	FX730V	ECV740
726 cc	726 cc	747 cc	726 cc	747 cc
Two	Two	Two	Two	Two
Spin on Full Flow - Cartridge type	Spin on Full Flow - Cartridge type	Full flow, replaceable	Full flow, replaceable	Full flow, replaceable
Full Pressure	Full Pressure	Full Pressure	Full Pressure	Full Pressure
Air	Air	Air	Air	Air
Heavy-duty canister type with safety element	Heavy-duty canister type with safety element	Heavy-duty canister type with safety element	Heavy-duty canister type with safety element	Heavy-duty canister type with safety element
Gas	Gas	Gas	Gas	Gas
5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)	5.6 U.S. gallons (21.2L)
12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM	12V - 20 amp @ 3600RPM
12 Volt	12 Volt	12 Volt	12 Volt	12 Volt
Standard, digital	Standard, digital	Standard, digital	Standard, digital	Standard, digital
Mechanical Over Electrical	Mechanical Over Electrical	Mechanical Over Electrical	Mechanical Over Electrical	Mechanical Over Electrical
Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan	Dual Variable Displacement BiDirectional Axial Piston - Hydro Gear PK Series 12 cm ³ /rev (0.73 cu in./rev) with Fan
Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in/rev.)	Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in/rev.)	Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in/rev.)	Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in/rev.)	Hydro-Gear HGM-P Series, 245 cm ³ /rev. (15.0cu in/rev.)
Twin Motion Control Levers	Twin Motion Control Levers	Twin Motion Control Levers	Twin Motion Control Levers	Twin Motion Control Levers
5.0 qt (4.7 L)	5.0 qt (4.7 L)	5.0 qt (4.7 L)	5.0 qt (4.7 L)	5.0 qt (4.7 L)
0 - 9.6 mph (15.4 km/h)	0 - 9.6 mph (15.4 km/h)	0 - 9.6 mph (15.4 km/h)	0 - 9.6 mph (15.4 km/h)	0 - 9.6 mph (15.4 km/h)
0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)	0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)	0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)	0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)	0 - 4.8 to 5.5 mph (7.7 to 8.85 km/h)
Electro-Magnetic (200 lb. ft.) w/Brake	Electro-Magnetic (200 lb. ft.) w/Brake	Electro-Magnetic (200 lb. ft.)	Electro-Magnetic (200 lb. ft.)	Electro-Magnetic (200 lb. ft.)
Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord	Dual B-Section V-belt w/Kevelar Cord
Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement	Mechanical Lever / Tire Engagement
Over Center Hand Lever	Over Center Hand Lever	Over Center Hand Lever	Over Center Hand Lever	Over Center Hand Lever
48 in. (121.9 cm) Side Discharge	52 in. (132.1 cm) Side Discharge and MOD option	52 in. (132.1 cm) Side Discharge	61 in. (154.9 cm) Side discharge	61 in. (154.9 cm) Side discharge
7-gauge (0.177 in.) 4.5mm fabricated steel	7-gauge (0.177 in.) 4.5mm fabricated steel	7 Gauge (0.177 in.) 4.5mm fabricated steel	7 Gauge (0.177 in.) 4.5mm fabricated steel	7 Gauge (0.177 in.) 4.5mm fabricated steel
Floating	Floating	Floating	Floating	Floating
1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)	1.5 in. to 5.0 in. (3.8 cm - 12.7 cm) / 0.25 in. (.6 cm)
Approximately 18,900 fpm	Approximately 18,900 fpm	Approximately 18,900 fpm	Approximately 18,900 fpm	Approximately 18,900 fpm
Three	Three	Three	Three	Three
20 x 10.00-8 4PR Turf Master	20 x 10.00-8 4PR Turf Master	20 x 10.00-8 4PR Turf Master	20 x 10.00-8 4PR Turf Master	20 x 10.00-8 4PR Turf Master
Flat Free	Flat Free	Flat Free	Flat Free	Flat Free
13 x 6.5 - 6 No Flat - Semi Pneumatic w/ Sealed Bearings	13 x 6.5 - 6 No Flat - Semi Pneumatic w/ Sealed Bearings	13 x 6.5 - 6 No Flat - Semi Pneumatic w/ Sealed Bearings	13 x 6.5 - 6 No Flat - Semi Pneumatic w/ Sealed Bearings	13 x 6.5 - 6 No Flat - Semi Pneumatic w/ Sealed Bearings
66 in. (167.6 cm.)	66 in. (167.6 cm.)	66 in. (167.6 cm.)	68 in. (172.7 cm.)	68 in. (172.7 cm.)
62 in. (157.4 cm.) with Chute Down	66 in. (167.6 cm.) with Chute Down	66 in. (167.6 cm.) with Chute Down	75 in. (190.5 cm.) with Chute Down	75 in. (190.5 cm.) with Chute Down
47 in. (119 cm.)	47 in. (119 cm.)	47 in. (119 cm.)	47 in. (119 cm.)	47 in. (119 cm.)
910 lbs (412.8kg)	927 lbs (420.5 kg)	927 lbs (420.5 kg)	998 lbs (452.7kg)	998 lbs (452.7kg)
24 months, no hour limitation	24 months, no hour limitation	24 months, no hour limitation	24 months, no hour limitation	24 months, no hour limitation
Single Source Commercial	Single Source Commercial	Single Source Commercial	Single Source Commercial	Single Source Commercial

¹ Hour and/or usage limitations apply and vary by model. See the WARRANTY FOR NEW JOHNDEERE TURF AND UTILITY EQUIPMENT at dealer for details. ²@ 3600 RPM engine manufacturer certified gross power tested in accordance with SAE J1995. ³The engine horsepower and torque information 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. ⁵@ 3600 RPM engine manufacturer certified gross power per SAE J1940, tested in accordance with SAE J1995.

**GAS engines - The engine horsepower and torque information 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.



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