

X700 Series

Diesel Mowing Tractors



JOHN DEERE



The Performance Choice for Professionals

Performance

- Efficient liquid-cooled diesel engine
- Low fuel consumption and large capacity fuel tank
- Traction for all mowing conditions
- Broad choice of attachments

Ease of Use

- Hydrostatic drive with TwinTouch pedals
- Hydraulic deck and attachment lift
- Easy road transportation
- Colour coded controls

Durability

- Full length, fully welded steel frame
- Cast iron front axle
- Heavy duty rear transaxle
- Oil immersed disc brakes and PTO clutch

Comfort

- Power steering
- Comfortable seat with suspension
- Tilt steering wheel
- Wide operator station and easy on/off



Choose your model



2 Wheel Drive

Enjoy the power and performance of an X700 Series Tractor, in an efficient two-wheel drive package. Excellent manoeuvrability and precise handling excel this mower.



4-Wheel Drive

Get added traction with full-time 4-wheel drive. No lever to pull, it's always on. And don't worry about scuffing turf; the speed of each front wheel is automatically adjusted.



4-Wheel Drive and 4-Wheel Steer

The ultimate combination – the traction of 4-wheel drive and the tight turning of 4-wheel steer. Turn 16 percent tighter than the X740 and X748 mowing tractors. You'll trim closer, manoeuvre more easily and get where you need to go.

You will love these great features

2

Easy To Use Hydraulics

Lever hydraulically raise and lower mower deck and attachments. "Float" position allows front-mounted equipment to follow ground contours.

1

Reliable, High-Torque Engine

The 3-cylinder, high torque 61.8 Nm diesel engine delivers the power for any attachment you need. Efficient combustion reduces exhaust emissions and increases fuel economy. Glow plugs ensure quick starts in cold weather.



7

Stout, Welded Frame

Full length, fully welded steel frame provides maximum strength – no bolts to come loose. Patented frame extends past the front hood to serve as a bumper and to hold front weights to balance rear attachments.

6

Road Homologation Option

Includes lights making the tractor ready for operation along public roads.
(Not available with X749 mowing tractors)



3

Comfortable Ride

Enjoy the ride while you work. There's a tilt steering wheel and a comfortable standard seat. Or select the deluxe seat with adjustable suspension and thicker cushion.

4

4 Wheel Steer

For maximum manoeuvrability and efficient trimming. It makes trimming around obstacles far easier.

5

Shaft driven deck with oil immersed PTO clutch*

These mowers are shaft driven for durability and long life. Oil immersed PTO clutch provide soft engagement and literally no service.

*Please refer to page 11 for available deck options

1



2



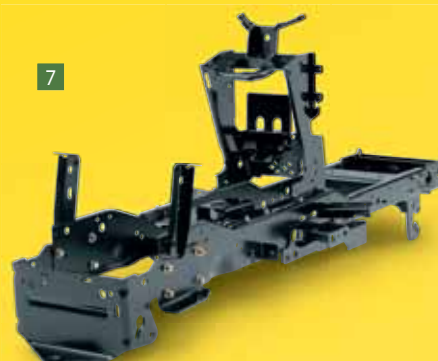
4



6



7





Handle clippings fast,
without leaving the seat.

Collect grass clippings while you mow and dump them fast with the MCS 580 Material Collection System. It fits the X740 and X748 lawn tractors. The steel impeller housing and fan transport material from the mower deck up into the collection hopper. John Deere hydraulics make it easy to open the door and dump. For dumping into trucks or containers up to 1.8 metres high, choose the 580H high dump model.

	580L	580H
Container capacity ltr	600	600
Dump	Ground	High
Maximum container lift height cm	0	180
Fan		
– housing material	Steel	Steel
– drive		
double belt via tractor PTO	●	●
– number of blade	6	6
– diameter cm	50	50
– speed rpm	2 225	2 225
Blower input diameter cm	20	20
Weight kg	235	300
Dimensions (MCS only)		
Total height cm	166	166
Length cm	82	91
Width cm	139	139
● = Standard		



The 500 litre 3-bag collection system is also available and fits the X740, X748 and X749 mowing tractors.



Robust steel fan unit for high wear resistance delivers high suction power.



Dumping Made Easy

Hydraulic levers on the dash make it fast and easy to dump your clippings.



Convenient Service Door

Easy-open cover lets you clean the rear screen. This improves air flow when mowing, especially in wet conditions or short dry grass.



Ground Clearance

Enjoy easier loading and unloading from transport trailers thanks to a ground clearance of over 265 mm.



One-Person Hook up

A simple 4-position connection enables easy hook up of the MCS 580 Material Collection System – in minutes, without tools.



Audible Fill Indicator

Optional fill indicator lets you mow non-stop until a signal alerts that the collector is full.



Leaf and debris collector

Add the nozzle attachment to suck up leaves in piles or difficult to reach places.

Ready for much more than mowing

Sure these tractors deliver a cost effective, great cut lawn. But look what else they deliver. A choice of two different carts can haul heavy loads. And a variety of different attachments make your time outdoors more comfortable and more productive throughout the year.

Thanks to the rugged welded frame and powerful diesel engine, these tractors can take on big jobs without fail.

John Deere Front Hitch

The QuickTatch front hitch makes it easy to hook up and control front attachments such as the snow blade and power broom. On-hitch hydraulics lift and pivot attachments.



Power Broom

Sweep debris or snow with this 1.32 m (52-in.) wide broom. It's powered by the tractor's front PTO. Angles 27 degrees right or left.



Snow and Materials Blade

Clear 1.37 m (54 in.) at a pass with this materials blade. Angles 27 degrees right or left. Easy on and off the front hitch.

John Deere Rear 3-Point Hitch

Easily hook up and lift heavy rear attachments with the optional 3-point hitch. Optional rear PTO sends engine torque to rear attachments such as a power harrow, sprayer and rear spreader among others.



John Deere Front Loader

Dig up and move big loads with the front loader and 1.22 m (48 in.) wide bucket. Lifts up to 1.8 m high. Attach loader without tools in 5 minutes or less.



Rear Spreader

Fertilise in a single pass with the rear-mounted spreader. The 3-point hitch allows easy hook up and easy tank filling.



John Deere Trailer

For material handling two different carts are available. Easy to hook up – durable to carry all kinds of material.



Power Tiller

Prepare seedbeds or control weeds with minimum effort. Mounts easily to rear 3-point hitch. Tractor PTO delivers torque for fast, deep tilling.



Comfortable Cab (John Deere approved)

Protect yourself from the elements. This cab is approved for John Deere machines and fully integrated and isolated for low noise and vibration. Easy entry on either side.

Technical specifications

	X740 2WD	X748 – 4WD	X749 – 4WD & 4WS
Engine type			
Yanmar Diesel	●	●	●
Max Power 97/68EC kW (hp)	17.9 (24)	17.9 (24)	17.9 (24)
Rated Engine kW (hp) (ISO) 97/68/EC @ rated engine rpm	17.1 (23)	17.1 (23)	17.1 (23)
Max. torque Nm @ rpm	62 @ 2300	62 @ 2300	62 @ 2300
Cylinders	3	3	3
Displacement cc	1116	1116	1116
Fuel Capacity ltr	24.6	24.6	24.6
Transmission & hydraulic			
Hydrostatic	●	●	●
Differential Lock	●	●	●
Cruise Control	●	●	●
Brakes – internal wet disc	●	●	●
Travel speeds at max engine rpm, km/h	0–13.7	0–13.7	0–13.7
Selective Control Valves – 2 dual SCV's	●	●	●
Steering/hydraulic flow, l/min	17.6	23.4	23.4
Tyre size front	18 x 8.50-8	18 x 8.50-10	18 x 8.50-10
Tyre size rear	26 x12 - 12	26 x12 - 12	26 x12 - 12
Power Steering			
2 Front Wheel Steer	●	●	
4 Wheel Steer			●
Turning radius, cm	63.5	63.5	53.3
Uncut Circle Radius with 62 in deck, cm	71.1	71.1	15.2
Controls			
PTO engagement – Electro-hydraulic	●	●	●
Deck lift – Electro-hydraulic	●	●	●
Dimensions			
Length overall cm	190	190	190
Wheelbase cm	140	140	140
Height overall (incl. seat) cm	130	130	130
Weight (net w/o fuel) kg	453	525	554
Attachments			
3 Bag power flow Material Collection System 500 l	○	○	○
580 Material Collection System 600 l	○	○	
Rear hitch (400 kg at liftpoints)	○	○	○
Rear PTO (540 rpm)	○	○	○
Front hitch	○	○	○
Front PTO (2000 rpm)	○	○	○
Blade (137 cm)	○	○	○
Broom (132 cm)	○	○	○
Front Loader	○	○	

○ = Optional;

● = Standard

Durable Decks – Rear-Discharge / Side-Discharge / Mulch

The Edge Xtra Mower Decks provide great durability. They are stamped from a single piece of steel, limiting welds and seams. The rolled outer edge gives the deck superior strength and stiffness (while it helps protect trees and fences). And the dual stage paint process gives extra protection from rust.

Choose rear discharge decks for easy, up-close trimming on either side of the deck. Side-discharge decks offer wide clipping dispersal, great when mowing long grass. And with simple plastic inserts, a side-discharge deck can be easily converted to a mulching deck.

Rolled outer edge adds strength to the deck and protects trees and fences while mowing.

Wide roller and adjustable gauge wheels limit turf scalping on rough or uneven terrain.

Smooth underside prevents grass build-up for a steady flow of clippings.

Deep deck design ensures great grass lift for an even cut.

Greater blade overlap reduces the chance of any missed grass stems, even on turns.



Easy Cutting Height Adjustment
Just turn a knob on the dashboard to adjust cutting height in 6 mm (1/4 in.) increments. With knob set, deck returns to pre-set height every time. Also locks up deck when using rear attachments.

Deck options	X740	X748 – 4WD	X749 – 4WD & 4WS
Side discharge with Mulch option cm (in)			
122 (48)	○	○	○
137 (54)	○	○	○
157 (62)	○	○	○
Heavy duty – Rear discharge cm (in)			
152 (60)	○	○	○
Cutting height mm	25 – 133	25 – 133	25 – 133
○ = Optional			

5 good reasons

for choosing John Deere.

John Deere lawn tractors are definitely the right choice. Here is a brief summary of the many advantages our machines have to offer.

- High product quality
- Superb cut quality
- Great resale value
- Worldwide parts distribution system
- Ultimate service from your local John Deere dealer

Contact your John Deere dealer for further information and advice. And why not arrange a test drive?



JOHN DEERE

www.JohnDeere.co.uk