

T-series

Truxor Amphibious Machines Tools & Accessories



truxor.com

truxor
wetland equipment

There is nothing like the original

Move seamlessly between water and land. Carry out tough jobs where traditional machines can't reach. Do it with care and without harming nature and the surrounding environment. Do it with the amphibious Truxor T-series. Do it with the original – the innovation from Sweden, developed with customers and retailers all over the world.

The T-series is the latest product line of Truxor fully amphibious machines. It's the result of 30 years of product development where innovation has been key factor since the start in 1994.

Discover the possibilities of the T-series:

- Models in the T-series: T20, T30, T40 and T50.
- Unmatched versatility: T30, T40 and T50 can be combined with the large assortment of tools and accessories from Truxor Wetland Equipment.
- Enables work with cutting and collection of aquatic plants, digging, raking, dredging, silt pumping, and oil sanitation – etcetera.
- The base model T20 is optimized for cutting and collecting.

Mobility and Efficiency

- The low weight, less than 1,5 tons, ensures high mobility in soft terrains and in slopes. On land, and in water.
- The load sensing hydraulics (LS) and electronic power regulation ensures high efficiency.
- Low fuel consumption thanks to the light weight, the small combustion engine, and the effective hydraulic system.

Light Weight and Mobile

The light weight of the Truxor amphibious machine, less than 1,5 tons, ensures low ground pressure and allows jobs in sensitive environments. It also makes the machine easy to transport between jobs with just a car and machine trailer. Fits in a shipping container without being disassembled and will crawl out of the container on its own and get to work without the help of cranes, launch vehicles, or boat slips.

Modern Hydraulic System

The Truxor T-series has an advanced and modern load sensing (LS) hydraulic system that utilizes the combustion engine for max efficiency. In the T-series digital power regulation are introduced for improved efficiency. Cyclone hydraulic oil tank for minimizing the total amount of hydraulic oil. Lower maintenance cost, less weight, and less environmental risk. All Truxor's can be delivered with biodegradable hydraulic oil as an option.

Digital Technology for Improved Machine Performance

The Truxor T-series machine introduces HMI touch screen with functionality and information. With the new digital control system, the operator has the possibility to make adjustments and get remote access with help through an app solution. The screen provides vital information from the engine and other systems. With digital troubleshooting, it's easier to carry out service and maintenance.



T50



T50 – the most powerful Truxor in the T-series equipped with a modern common rail diesel engine that meets EU Stage V and EPA Tier 4 class standards. It's the first machine from Truxor that's approved for synthetic fuel (EN15940).

The powerful engine and hydraulic system guarantee the highest levels of performance and operational reliability for tough jobs without compromising its gentle approach to nature and the surrounding environment. The Truxor T50 reaches a high-performance level at a low rpm which lowers fuel consumption and noise level.

The Truxor T50 can perform in demanding environments where traditional machines can't operate and is a truly versatile amphibious machine with the capability to operate all the tools and accessories in Truxor Wetland Equipment's large assortment. Enables work with cutting and collection of aquatic plants, digging, raking, dredging, silt pumping, and oil sanitation – etcetera.



Technical Specifications Truxor T50

Item No: 94-T50

DIMENSIONS

Total Length: Max 5030 mm, min 4700 mm.

Total Width: 2080 mm.

Total Height: max 2600, min 2020 mm.

Weight: 1470 kg.

ENGINE

Type: 3 Cylinder Hatz Diesel 3H50 TICD EPA Tier 4 final +EU Stage V, 36,4 kW/49,5 hp at 2400 rpm.

Engine Speed: Limited to 2600 rpm to prevent overspeeding of the hydraulic pump.

Fuel tank: 35 liters.

Cooling System: Combined radiator for engine coolant, intercooler and hydraulic oil. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). The hydraulic oil temperature is regulated by an electronic thermostat.

Stop & Warning system: Automatic stop function if the engine overheats, or the oil pressure is too low. Warning system for driving at maximum slope.

HYDRAULIC SYSTEM

Hydraulic Power: 30 kW

Hydraulic Pump: Hydraulic pump with variable displacement and electronic load sensing control, Displacement 65 cm³/r.

Hydraulic Valve: 9 proportional functions.

Hydraulic Oil Quantity: Total hydraulic system volume 33 l. Tank volume 19 l, Cyclone technology with forced ventilation.

Spill Safety: Environmentally friendly system with automatic engine stop if the oil level drops by more than 8 liters (to minimize oil spills).

Control System: Advanced control system for hydraulics that uses CANbus technology for communication and enables remote troubleshooting, monitoring, and optimization of machine functions.

ELECTRIC SYSTEM

Battery: 12V/60 Ah.

Alternator: 150A

Work Lights: 3 LED work lights (2 front, 1 back).

Fault Indication: The display provides an indication if a fuse is blown, a relay malfunctions, a cable is broken, in the event of a short circuit, or in case of sensor or component failures.

DRIVER OPERATION

Right Joystick: Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and hydraulic outlet 4.

Left Joystick: Driving the tracks. Control of hydraulic outlet 1 and hydraulic outlet 2.

Dashboard: Digital display that displays speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, on board diagnostics, emergency operation, time, etc.

Seat: Ergonomically adjustable, thermostatically controlled electric heated. Adjustable controls. Folding cab.

MISCELLANEOUS

Driving Speed: 0-100 m/min.

Front Lift Arm: Lift capacity 350 kg, X4 attachment coupler for fast tool changes with semi-automatic tool locking.

Material: Rubber tracks with durable plastic paddles and glide rails. Saltwater-resistant aluminum pontoons. Hot-dip galvanized steel structure with electroplated and powder-coated components.

Hydraulic Oil Options: Biodegradable hydraulic oil or mineral base hydraulic oil.

T40



The powerful Truxor T40 is a truly versatile amphibious machine with the capability to operate all the tools and accessories in Truxor Wetland Equipment's large assortment. Enables work with cutting and collection of aquatic plants, digging, raking, dredging, silt pumping, and oil sanitation – etcetera.

With a powerful turbo charged engine and hydraulic outlets, it is optimized for the more power demanding tools with multi hydraulic functions.

The Truxor T40 is optimized for less regulated markets.



Technical Specifications Truxor T40

Item No: 94-T40

DIMENSIONS

Total Length: Max 5030 mm, min 4700 mm.

Total Width: 2080 mm.

Total Height: max 2600, min 2020 mm.

Weight: 1380 kg.

ENGINE

Type: 4-cylinder Kubota Diesel V1505-T-E3B EPA/CARB interim Tier 4 + EU Stage IIIA. 33 kW/44.3hp at 3000 rpm

Engine Speed: Limited to 2600 rpm to prevent overspeeding of the hydraulic pump.

Fuel tank: 35 liters.

Cooling System: Combined radiator for engine coolant, intercooler and hydraulic oil. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). The hydraulic oil temperature is regulated by an electronic thermostat.

Stop & Warning system: Automatic stop function if the engine overheats, or the oil pressure is too low. Warning system for driving at maximum slope.

HYDRAULIC SYSTEM

Hydraulic Power: 24 kW

Hydraulic Pump: Hydraulic pump with variable displacement and electronic load sensing control, Displacement 65 cm³/r.

Hydraulic Valve: 9 proportional functions.

Hydraulic Oil Quantity: Total hydraulic system volume 33 l. Tank volume 19 l, Cyclone technology with forced ventilation.

Spill Safety: Environmentally friendly system with automatic engine stop if the oil level drops by more than 8 liters (to minimize oil spills).

Control System: Advanced control system for hydraulics that uses CANbus technology for communication and enables remote troubleshooting, monitoring, and optimization of machine functions.

ELECTRIC SYSTEM

Battery: 12V/60 Ah.

Alternator: 60A

Work Lights: 3 LED work lights (2 front, 1 back).

Fault Indication: The display provides an indication if a fuse is blown, a relay malfunctions, a cable is broken, in the event of a short circuit, or in case of sensor or component failures.

DRIVER OPERATION

Right Joystick: Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and hydraulic outlet 4.

Left Joystick: Driving the tracks. Control of hydraulic outlet 1 and hydraulic outlet 2.

Dashboard: Digital display that displays speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, on board diagnostics, emergency operation, time, etc.

Seat: Ergonomically adjustable, thermostatically controlled electric heated. Adjustable controls. Folding cab.

MISCELLANEOUS

Driving Speed: 0-100 m/min.

Front Lift Arm: Lift capacity 350 kg, X4 attachment coupler for fast tool changes with semi-automatic tool locking.

Material: Rubber tracks with durable plastic paddles and glide rails. Saltwater-resistant aluminum pontoons. Hot-dip galvanized steel structure with electroplated and powder-coated components.

Hydraulic Oil Options: Biodegradable hydraulic oil or mineral base hydraulic oil.

T30



Truxor T30 is the only amphibious machine in the T-series equipped with a petrol engine. The engine meets the latest environmental requirements. Compared to the diesel siblings in the T-series, the petrol engine characteristics offer a smooth operating experience,

With five hydraulic outlets and a powerful engine the T30 can be operated with all the tools and accessories from Truxor Wetland Equipment.



Technical Specifications Truxor T30

Item No: 94-T30

DIMENSIONS

Total Length: Max 5030 mm, min 4700 mm.

Total Width: 2080 mm.

Total Height: max 2600, min 2020 mm.

Weight: 1370 kg.

ENGINE

Type: 4-cylinder Petrol Kubota WG1605-G-E3 EPA Tier2/CARB Tier 3 + EU Stage V. 42,5kW/57 hp at 3,600 rpm.

Engine Speed: Limited to 2600 rpm to prevent overspeeding of the hydraulic pump.

Fuel tank: 35 liters.

Cooling System: Combined radiator for engine coolant, intercooler and hydraulic oil. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). The hydraulic oil temperature is regulated by an electronic thermostat.

Stop & Warning system: Automatic stop function if the engine overheats, or the oil pressure is too low. Warning system for driving at maximum slope.

HYDRAULIC SYSTEM

Hydraulic Power: 24 kW

Hydraulic Pump: Hydraulic pump with variable displacement and electronic load sensing control, Displacement 65 cm³/r.

Hydraulic Valve: 9 proportional functions.

Hydraulic Oil Quantity: Total hydraulic system volume 33 l. Tank volume 19 l, Cyclone technology with forced ventilation.

Spill Safety: Environmentally friendly system with automatic engine stop if the oil level drops by more than 8 liters (to minimize oil spills).

Control System: Advanced control system for hydraulics that uses CANbus technology for communication and enables remote troubleshooting, monitoring, and optimization of machine functions.

ELECTRIC SYSTEM

Battery: 12V/60 Ah.

Alternator: 60A

Work Lights: 3 LED work lights (2 front, 1 back).

Fault Indication: The display provides an indication if a fuse is blown, a relay malfunctions, a cable is broken, in the event of a short circuit, or in case of sensor or component failures.

DRIVER OPERATION

Right Joystick: Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and hydraulic outlet 4.

Left Joystick: Driving the tracks. Control of hydraulic outlet 1 and hydraulic outlet 2.

Dashboard: Digital display that displays speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, on board diagnostics, emergency operation, time, etc.

Seat: Ergonomically adjustable, thermostatically controlled electric heated. Adjustable controls. Folding cab.

MISCELLANEOUS

Driving Speed: 0-100 m/min.

Front Lift Arm: Lift capacity 350 kg, X4 attachment coupler for fast tool changes with semi-automatic tool locking.

Material: Rubber tracks with durable plastic paddles and glide rails. Saltwater-resistant aluminum pontoons. Hot-dip galvanized steel structure with electroplated and powder-coated components.

Hydraulic Oil Options: Biodegradable hydraulic oil or mineral base hydraulic oil.

T20



Truxor T20 is the smallest and lightest amphibious machine in the T-series. The nimble base model T20 is optimized for cutting, collecting, and harvesting of aquatic plants.

T20 is equipped with one hydraulic outlet for operation of cutting- and collection tools. This means that not all tools in the assortment are available for the T20. For needs that require a higher capacity and more hydraulic power we recommend the other models in the T-series.



Technical Specifications Truxor T20

Item No: 94-T20

DIMENSIONS

Total Length: Max 5030 mm, min 4700 mm.

Total Width: 2080 mm.

Total Height: max 2600, min 2020 mm.

Weight: 1340 kg.

ENGINE

Type: 3-cylinder Diesel Kubota D1305 E4B-EU EPA/CARB Tier 4 + EU Stage V. 18.5 kW/24.8 hp at 2600rpm.

Fuel tank: 35 liters.

Cooling System: Combined radiator for engine coolant and hydraulic oil. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). The hydraulic oil temperature is regulated by an electronic thermostat.

Stop & Warning system: Automatic stop function if the engine overheats, or the oil pressure is too low. Warning system for driving at maximum slope.

HYDRAULIC SYSTEM

Hydraulic Power: 13 kW

Hydraulic Pump: Hydraulic pump with variable displacement and electronic load sensing control, Displacement 45 cm³/r.

Hydraulic Valve: 6 proportional functions.

Hydraulic Oil Quantity: Total hydraulic system volume 33 l. Tank volume 19 l, Cyclone technology with forced ventilation.

Spill Safety: Environmentally friendly system with automatic engine stop if the oil level drops by more than 8 liters (to minimize oil spills).

Control System: Advanced control system for hydraulics that uses CANbus technology for communication and enables remote troubleshooting, monitoring, and optimization of machine functions.

ELECTRIC SYSTEM

Battery: 12V/60 Ah.

Alternator: 40A

Work Lights: 3 LED work lights (2 front, 1 back).

Fault Indication: The display provides an indication if a fuse is blown, a relay malfunctions, a cable is broken, in the event of a short circuit, or in case of sensor or component failures.

DRIVER OPERATION

Right Joystick: Lifting, tilting, and weight distribution.

Left Joystick: Driving the tracks. Control of hydraulic outlet 1.

Dashboard: Digital display that displays speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, on board diagnostics, emergency operation, time, etc.

Seat: Ergonomically adjustable, thermostatically controlled electric heated. Adjustable controls. Folding cab.

MISCELLANEOUS

Driving Speed: 0-100 m/min.

Front Lift Arm: Lift capacity 350 kg, X4 attachment coupler for fast tool changes with semi-automatic tool locking.

Material: Rubber tracks with durable plastic paddles and glide rails. Saltwater-resistant aluminum pontoons. Hot-dip galvanized steel structure with electroplated and powder-coated components.

Hydraulic Oil Options: Biodegradable hydraulic oil or mineral base hydraulic oil.

Technical Comparison

T20

T30

Item No

94-T20

94-T30

DIMENSIONS

Total Length		
Total Width		
Total Height		
Weight	1340 kg.	1370 kg.

MOTOR

Type	3 cylinder Diesel Kubota D1305 E4B-EU EPA/CARB Tier 4 + EU Stage V.	4 cylinder Petrol Kubota WG1605-G-E3 EPA Tier2/CARB Tier 3 + EU Stage V
Output	18.5 kW/24.8 hp at 2,600 rpm.	42,5kW/57 hp at 3,600 rpm
Cooling System	Combined radiator and fan	
Fuel tank		

HYDRAULIC SYSTEM

Hydraulic power	13kW	24kW
Hydraulic tank	Total hydraulic system volume 100 litres	
Spill Safety	Environmentally friendly system with auto spillage control	
Hydraulic-operated valve	6 functions.	9 functions.
Control system	Advanced control system for hydraulics that uses CANbus technology	

DRIVER OPERATION

Right joystick	Lifting, tilting, weight distribution.	Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and outlet 4.
Hydraulic outlet 1 (front)	Working pressure 140 bar, adjustable flow 0-20 l/min	Working pressure 140 bar, adjustable flow 0-20 l/min
Hydraulic outlet 2 (front)	-	Working pressure 130 bar, adjustable flow 0-11 l/min
Hydraulic outlet 3 (front)	-	Working pressure 200 bar. Adjustable flow 0-60 l/min
Hydraulic outlet 3 (rear)	-	Working pressure 200 bar. Adjustable flow 0-60 l/min
Hydraulic outlet 4 (rear)	-	Working pressure 130 bar. Adjustable flow 0-11 l/min.
Left joystick	Driving the tracks. Control of hydraulic outlet 1.	Driving the tracks. Control of hydraulic outlet 1, hydraulic outlet 2.
Dashboard	Digital screen that displays speed, engine temperature, oil pressure engine hours	
Seat	Ergonomically adjustable, thermal insulation	

MISCELLANEOUS

Driving speed		
Front lift	Lift capacity 350 kg, X4 attachment	
Material	Rubber tracks with durable plastic paddles and glide rails. Saltwater-resistant	
Hydraulic Oil Options	Biodegradable	
Work Lights		
Stop & warning system	Automatic stop function if the engine over-rev	

T40

94-T40

T50

94-T50

Max 5030 mm, min 4700 mm.		
2080 mm.		
Max 2600, min 2020 mm.		
	1380 kg.	1470 kg.
	4 cylinder Kubota Diesel V1505-T-E3B EPA/CARB interim Tier 4 + EU Stage IIIA	3 Cylinder Hatz Diesel 3H50 TICD EPA Tier 4 final +EU Stage V
	33 kW/44.3 hp at 3000 rpm.	36,4 kW/49,5 hp hp at 2400 rpm
diator for engine coolant, intercooler and hydraulic oil		
35 liters.		
	24kW	30kW
ne 33 l. Tank volume 19 l, Cyclone technology with forced ventilation.		
omatic engine stop if the oil level drops by more than 8 liters (to minimize oil spills).		
	9 functions.	9 functions.
y for communication and enables remote troubleshooting, monitoring, and optimization of machine functions.		
	Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and outlet 4.	Lifting, tilting, weight distribution, and control of hydraulic outlet 3 and outlet 4.
	Working pressure 140 bar, adjustable flow 0-20 l/min	Working pressure 140 bar, adjustable flow 0-20 l/min
	Working pressure 130 bar, adjustable flow 0-11 l/min	Working pressure 130 bar, adjustable flow 0-11 l/min
	Working pressure 200 bar. Adjustable flow 0-60 l/min	Working pressure 200 bar. Adjustable flow 0-60 l/min
	Working pressure 200 bar. Adjustable flow 0-60 l/min	Working pressure 200 bar. Adjustable flow 0-60 l/min
	Working pressure 130 bar. Adjustable flow 0-11 l/min.	Working pressure 130 bar. Adjustable flow 0-11 l/min.
	Driving the tracks. Control for hydraulic outlet 1, hydraulic outlet 2.	Driving the tracks. Control for hydraulic outlet 1, hydraulic outlet 2.
ne, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, emergency operation, time, etc.		
mostatically controlled electric heated. Folding cab. Adjustable controls.		
0-100 m/min.		
hment coupler for fast tool changes with semi-automatic tool locking		
stant aluminum pontoons. Hot-dip galvanized steel structure with electroplated and powder-coated components.		
adable hydraulic oil or mineral base hydraulic oil.		
3 LED work lights (2 front, 1 back).		
heats, or the oil pressure is too low. Warning system for driving at maximum slope.		



Truxor Attachments for Cutting & Collecting

Truxor's amphibious machines are perfect when fighting aquatic vegetation in different kinds of water bodies. With the large assortment of cutting- and collecting attachments you will be able to adapt to the variety of challenges the surrounding environments bring.

The Doro Cutter D-Series comes in three variants – D20, D30 and D40 – only intended for jobs in water as the water helps to lubricate the knives. The D40 is a deep cutting unit with a telescopic arm, while the D20 and D30 are perfect for more shallow waters.

With the ESM line of cutters with double action knife systems, you can carry out tough jobs with heavy vegetation on land as well in water. They come in different variants – front mounted, side mounted, digging arm mounted, and with an integrated collection unit.

When dealing with water vegetation it's important not to leave the plants in the water, since they work as a fertilizer. Collecting and removing the vegetation helps to prevent eutrophication. A task perfect for Truxor's Reed Rake, High-tip Rake, and the Doro Grip.

Doro Cutter D20/D30



The D20 and D30 Doro Cutter are for water use only as the water helps lubricate the knives during operation. The hydraulically operated cutters with replaceable knives are perfect for reed cutting in most aquatic environments and will attach easily to the tool bracket in the front of Truxor T-series. D20 and D30 are the same model where the working depth is increased from 1,0 meter to 1,4 meter on the D30. The working width can be varied from 2,2 meter up to 4,0 meters. A mechanical system protects the knives if they were to hit rocks, the bottom of a lake, or other solid objects.



Technical Specifications

	D20	D30
Weight	66 kg	70 kg
Cutting depth	1 m	1,4 m
Item no	95-20300	95-20400
Knife set		
Width 2,2 m	95-20301	95-20401
Width 3,0 m	95-20302	95-20402
Width 4,0 m	95-20303	95-20403

Doro Cutter D40

Technical Specifications

	D40
Weight	97 kg
Cutting depth	0,2–2,1 m
Item no	84-03200
Knife set	
Width 2,2 m	84-03201
Width 3,0 m	84-03202
Width 4,0 m	84-03203



With its telescopic functionality the Doro Cutter D40 is a deep cutting unit for the Truxor T-series allowing a cutting depth of 2,1 meters. With the ability to cut closer to the bottom the regrowth will be slower and the intervals between cutting the aquatic vegetation will be prolonged.

The D40 is hydraulically operated and is mounted on the tool bracket of the Truxor T-series and the knives are available in working widths from 2,2 meter to 4,0 meters.

A mechanical system protects the knives if they were to hit rocks, the bottom of a lake, or other solid objects.

Doro Cutter ESM 20



With double action knives the Doro Cutter ESM 20 has high capacity and efficiency, especially in comparison with single action knives. The front mounted ESM 20 is recommended for work in shallow waters, less than 0,5 meters, and on land.

A mechanical system protects the knives if they were to hit rocks, the bottom of a lake, or other solid objects.

Technical Specifications

Working width	2,1 m
Weight	72 kg
Cutting depth	0,5 m
Item no	90-27900

Doro Cutter ESM 30



The Doro Cutter ESM 30 is optimized for working in wetlands. Equipped with double action knives with a larger knife opening and a direct drive hydraulic motor that increases the capacity and enables the cutters to handle coarse plants and bushes, up to 15–20 mm, to be cut.

A mechanical system protects the knives if they were to hit rocks, the bottom of a lake, or other solid objects.

Technical Specifications

Working width	2,15 m
Weight	114 kg
Item no	82-18300

Doro Cutter ESM 40



The side mounted Doro Cutter ESM 40 is optimized for cutting alongside canals and shorelines since the angle of the cutting unit is adjustable. The cutter has a hydraulic side arm with built-in adjustable extension for greater range and double action knives.

A mechanical system protects the knives if they were to hit rocks, the bottom of a lake, or other solid objects.

Technical Specifications

Working width	1,7 m
Weight	118 kg
Cutting depth	0,5 m
Item no	90-28000

Doro Cutter ESM 50



The double functional Doro Cutter ESM 50 cutting and collecting of aquatic plants can be done at the same time. Perfect for smaller waters, for example ponds on golf courses, where there is limited space, and where the water flow can complicate the collection.

When using the ESM 50 for cutting only, rear panel for collection can be removed. Equipped with double-action knives.

Technical Specifications

Working width	2,1 m
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Weight	110 kg
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Cutting depth	0,8 m
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Item no	90-27800
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Doro Cutter ESM 60



Technical Specifications

Working width	1,9 m
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Weight	88 kg
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Max reach	11,5 m*
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Item no	80-10000
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* When mounted on a Doro Digger, diameter

When connecting the Doro Cutter ESM 60 to the Doro Digger excavator arm you will get both reach and power. Use it to cut vegetation, plants, and bushes, up to 25 mm, on shorelines and in wetlands. The beam has knives on both sides so that plants get cut in both direction of the swinging motion of the arm. Thanks to the large working width the driving distance gets heavily reduced, which minimizes damage to the surface in wetlands and other sensitive environments.

The Doro Cutter ESM 60 is not recommended for under water use.

Reed Rake



With the Reed Rake you can collect and transport the plants after cutting. The sides of the Reed Rake have foldable side sections and for an even more versatile use it can be supplemented with strainer plates. Then it can be used for collecting waste and floating debris, algae, and for clean-up of oil spill.



Technical Specifications

Working width	2,0 or 3.5 m
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Weight	60 kg
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Item no	94-128100
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Accessories

Strainer plates

Weight	13 kg
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Working width	2,0 or 3.5 m
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Item no	94-29600
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High-tip Rake



Technical Specifications

Working width	2,13 m
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Weight	70 kg
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Max. lifting height in water	1,3 m
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Max. lifting height on land	1,7 m
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Item no	94-128100
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Unload directly to trailers or barges – with the High-Tip Rake your reach is extended. The High-Tip Rake is made from perforated plating that allows it to collect smaller particles – such as waste, floating debris, algae and for oil spill clean-up.

Propeller Operation



Technical Specs

Max speed	7,8 km/h
Propeller diameter	330 mm
Weight:	42 kg
Item no	91-107900

Increases the speed in water. Recommended for transport and in combination with certain attachments. It is a great attachment for travelling longer distances to and from the work site. The propeller is connected to the Truxor control system. Propulsion and steering handled with the joystick. The propeller should not be used together with the Doro Digger. The engine speed of the propeller is controlled from the operator's seat. A mechanical system protects the propeller if it was to hit rocks, the bottom of a lake, or other solid objects.



Doro Grip



The Doro Grip is one of the most versatile attachment from Truxor Wetland Equipment – with adapters it can be used with Truxor's lift arm, a telescopic extension, and the Doro Digger. Used for removal of sediments, vegetation, trees, plastic, floating debris, algae, etcetera. Perfect for jobs in shallow water and close to shore.

With the same attachment you can use both the grip bucket (78-34700) and the grip rake (78-34600) which also can be mounted on the lift arm with an adapter.

The smaller versions of the grip rake (78-34800) and the grip bucket (78-34700) can be used with the Doro Digger (special attachment needed).

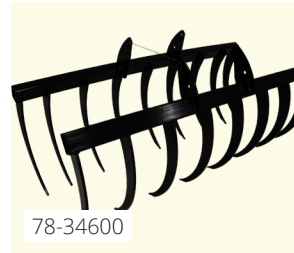
There is a possibility to increase the working depth with the telescopic extension. That will make the Doro Grip perfect for dredging jobs and when pulling up aquatic vegetation with the roots.



78-33700



78-34500



78-34600



78-34700



78-34800



78-34900



78-35000 and 78-35600



Technical Specifications

Item No.	Description	Weight	Volume	A. Working width B. Working depth
78-33700	Hydraulic drive unit	27 kg	–	–
78-34500	Grip bucket	34 kg	145 L	A. 1000 mm
78-34600	Grip rake	28 kg	150 L	A. 1200 mm
78-34700	Grip bucket	22 kg	65 L	A. 450 mm
78-34800	Grip rake	14 kg	70 L	A. 490 mm
78-34900	Adapter X3	8 kg	–	–
94-129500	Telescope	33 kg	–	B. 1700 mm
78-35000	Adapter T30, T40	–	–	–
78-35600	Adapter T20	–	–	–

Telescopic Extension T-series

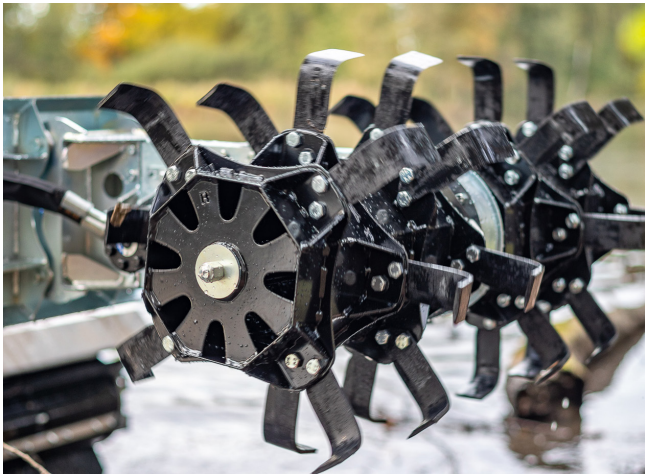
Hydraulically operated telescopic extension to increase the dredging depth with Doro Pump (78-35700), or as an option to mount the Doro Grip system. This will increase the working depth of the system. Ideal for digging, dig dredging, removing submersed objects, etc. Maximum working depth with the Doro Grip system: 1,7m.

Technical Specs

Weight:	38 kg
Item no	94-155600
Working depth	1,7m (max)



Doro Miller



The Doro miller is an attachment for cultivating and restoring wetlands and shorelines. Organic materials are easily processed.

The miller is available in different working widths and the heads are replaceable and can be dismantled from the drive unit. It is recommended only in wetlands with organic materials. Can be used either with the liftarm or with the Doro Digger. The 1,2 m miller head is exclusive for the liftarm.

Doro Miller

Drive unit

Weight	31 kg
Engine speed:	0-150 RPM
Torque:	max 700 Nm
Item no:	72-12100

Set of knife mills

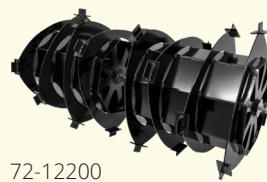
Working width:	0,8 m
Weight:	35 kg
Item no:	72-13600

Miller heads set

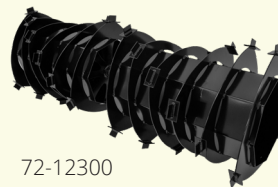
Working width:	0,8 m
Weight:	32 kg
Item no:	72-12200

Adapter for mounting the Doro miller on the lifting arm. Including hydraulic tubing.

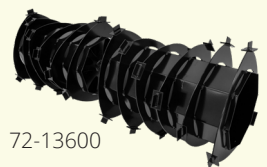
Weight:	5 kg
Item no:	72-14000



72-12200



72-12300



72-13600

Technical Specs

Operating unit

Weight:	38 kg
Engine speed:	0-150 RPM
Torque:	max 700 Nm
Length:	0,9 m
Item no:	72-14100

Miller heads set

Working width:	1,2 m
Weight:	45 kg
Item no:	72-12300

Miller heads set

Working width:	0,8 m
Weight:	32 kg
Item no:	72-12200

Knife mills set

Working width:	0,8 m
Weight:	35 kg
Item no:	72-13600

Doro Digger / E-Digger

The Doro digger is an excavator arm and combined mounting system for several other attachments in Truxor Wetland Equipment's assortment. The digging arm is made of high-tensile steel and has built-in brackets for attaching dredge hoses and additional hydraulic tubing.

The Doro Digger is designed to maximize the lifting height, digging depth, and reach. The digging aggregate has a swing system equipped with hydraulic cylinders that provide solid flywheel capacity. It is also equipped with semi-automatic quick hitch DM X3 for fast tool change. From 2025 the Doro Digger comes with outrigger front as standard.

Doro Digger comes in two models: Doro Digger, which operates with mechanical levers, and Doro E-Digger, which features electronic control and is integrated into the Truxor control system for enhanced precision and ergonomics.

Attachments that can be used with the Doro Digger:

- Doro Digger ESM 60
- Doro Pump V3
- Doro Miller
- Orsi Flail Mulcher
- Excavation Buckets
- Excavation Grip Bucket
- Excavator Rake



The Doro Pump V3 when mounted on the Doro Digger.



The ESM 60 when mounted on the Doro Digger.



Orsi Flail Mulcher when mounted on the Doro Digger.



Technical Specifications

The maximum depth and reach have been measured from the water surface.

Maximum excavation depth	3 m
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Maximum lifting height:	2,9 m
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Maximum reach (radius):	4 m
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Maximum reach (diameter)	8 m
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Swing radius:	180°
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Maximum depth for outrigger pontoons, stabilization against the bottom (excavation):	2 m
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Digger shall be operated together with front outriggers.

Buoyancy of outrigger pontoons	2 x 145 kg
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Valve package equipped with two-lever system.
Semi-automatic quick hitch DM X3 (S30/150).

Doro digger cannot be used at the same time as propeller (91-104200). Complete for mounting on T-series machines. Excluding prop feet and buckets.

Doro Digger Item no:	77-25700
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E-Digger Item no:	77-33200
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Excavation aggregate:	238 kg
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Outriggers 2 x 62 kg	77-32100
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Rear support leg 1 pcs 47 kg.	77-26000
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Doro Digger Buckets



Designed for work carried out in water. Made of high-tensile steel for weight reasons. The teeth of the buckets have cutting properties that facilitate excavation of root deposits which are common in water. When Doro Digger is used for excavating, the buckets (1–3) can be used if the water depth is less than 40 cm. If the water depth exceeds 40 cm, the grip bucket or grip rake (4–5) is used. The front outriggers/rear support leg can be overloaded if the buckets are used in deep water.

Outrigger Front

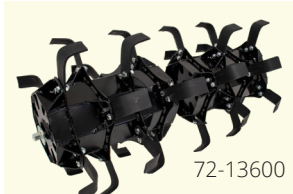
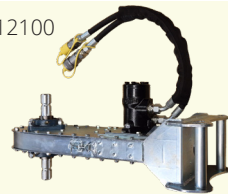


Outrigger front is included with both Doro Digger / E-Digger and Doro Digger Buckets. Outrigger must be used when operating in water.

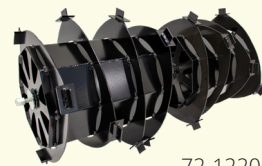
Accessories

Item No.	Description	Weight	Volume	Working width
77-16800	Bucket	37 kg	60 L	–
77-16900	Bucket	24 kg	30 L	–
77-17000	Excavator rake	27 kg	70 L	–
78-34700	Grip bucket	22 kg	65 L	–
78-34800	Grip rake	14 kg	70 L	490 mm
78-34900	Adapter	–	–	–
78-33700	Attachment	–	–	–

72-12100



72-13600



72-12200



72-14000



77-16800



77-17000



77-16900

Technical Specs

Weight:	117 kg
Item no	77-32100

Doro Pump V3



When mounted the on a Doro Digger the Doro Pump V3 offers extensive control of the dredging accessories. A rotating head and knives mounted on the intake ensure an even feeding into the pump. The wings of the intake system feed the sediment and minimize contamination of the water with the sediment.

A popular accessory is the discharge nozzle. It pumps sediment sideways when, for example, cleaning channels. It is delivered with replaceable nozzle to modify the sediment flow.

Technical Specifications

Max. capacity:	130 m ³ /hour
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Max capacity with lifting height:

1 metre:	120 m ³ /hour
2 metre:	110 m ³ /hour
3 metre:	100 m ³ /hour

The lifting height, hose length, type of sediment etc. all affect the maximum capacity.

Maximum dredging depth with Doro Pump V3:	3.5 m
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Max depth, outrigger pontoons, stabilization against the bottom (dredging):	2 m
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Working width infeed:	400 mm
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Doro pump V3 weight:	88 kg
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Standard set weight:	86 kg
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Item no:	78-37300
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Accessories

The discharge nozzle can pump sediments sideways when, for example, cleaning channels. It is delivered with replaceable nozzle to modify the sediment flow.

Product	Item no
Discharge nozzle (7 kg)	77-25800
Flat tubing 105 mm (50 m)	78-105
Camlock, female	78-5626102
Camlock, male	78-5646102
Hose clip 110 mm	01-110D20



Doro Pump V2



The Doro Pump is a hydraulically operated dredge pump with a screw feeder that breaks off and feeds sediment into the pump intake. The Doro Pump is easy to attach and delivered ready for easy assembly on the lifting arm.

Can be delivered with the following accessories: hydraulically operated telescopic extension to increase the dredging depth and facilitate maneuvering.

Both Doro Pump and Doro Pump V3 come with a standard kit of hoses, floats etc. for dredging. Additional accessories available as discharge nozzle, 50 m hose sections.

Technical Specifications

Doro Pump with feeding screw

Weight: 94 kg

Dredging depth: 1,6 m

Working width: 0,8 m

The Doro Pump is supplied with a standard kit.

Standard set weight: 86 kg

Max. capacity: 130 m³/hour

Max capacity with lifting height:

1 metre 120 m³/hour

2 metre 110 m³/hour

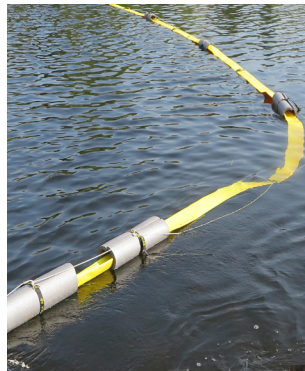
3 metre 100 m³/hour

The lifting height, hose length, type of sediment etc. all affect the maximum capacity. To ensure even sediment flow, knives are mounted on the intake of the pump.

Item no 78-35700

Accessories

Product	Item no
Telescopic extension Dredging depth: 2,4 m.	94-155600
Flat tubing 105 mm (50 m)	78-105
Camlock, female	78-5626102
Camlock, male	78-5646102
Hose clip 110 mm	01-110D20



Suction dredging in pure sand is done using a suction tube which is mounted in the pump intake (the feeding screw is removed). The suction tube is included in the standard kit.



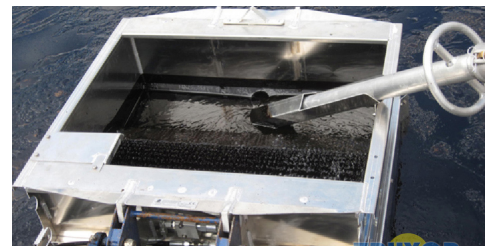
Doro Skimmer



The Doro Skimmer DS 800 is a mobile combi skimmer that works in shallow water from a few centimeters. When an oil spill has been contained with oil booms, the booms can be mounted to the Doro Skimmers bracket. As a result, the machine does not have to drive in the oil spill. The end covers of the Doro Skimmer can be removed, which increases the capacity when the oil is thicker.

Technical Specifications

	Combined with Sala Roll Pump
Capacity	20 m ³ /h (thick oil)
Weight	52 kg
Item no	79-5000



The Doro skimmer can be used with or without Sala Roll Pump and holds approximately 20 liters.

Sala Roll Pump



The Sala Roll Pump is suitable for decontamination of thick-flowing and polluted matter in areas that are difficult to reach. The suction tubing can be placed in the Doro Skimmer or used manually.

The Sala Roll Pump can either suck or pump, just by changing the rotation of the pump. This is useful for example, when the Doro Tank is to be emptied. The strong vacuum ensures excellent suction capacity. The high pressure makes it possible to transport the matter over long distance.

The Sala Roll Pump can be used alone with a suction nozzle or in combination with Doro Skimmer DS 800.

Accessories

Cleaning of oil spills: Item no: 79-3002
suction tubing, 4 m with
suction hose 65 mm,
4 quick couplings Ø 65
mm, 2.25 m pressure
hose 65 mm, 1 frame
bracket.

Flat tubing 3"/76 Item no: 78-11876
mm delivered in 50 m
lengths

Camlock, female Item no: 78-562676

Camlock, male Item no: 78-562676

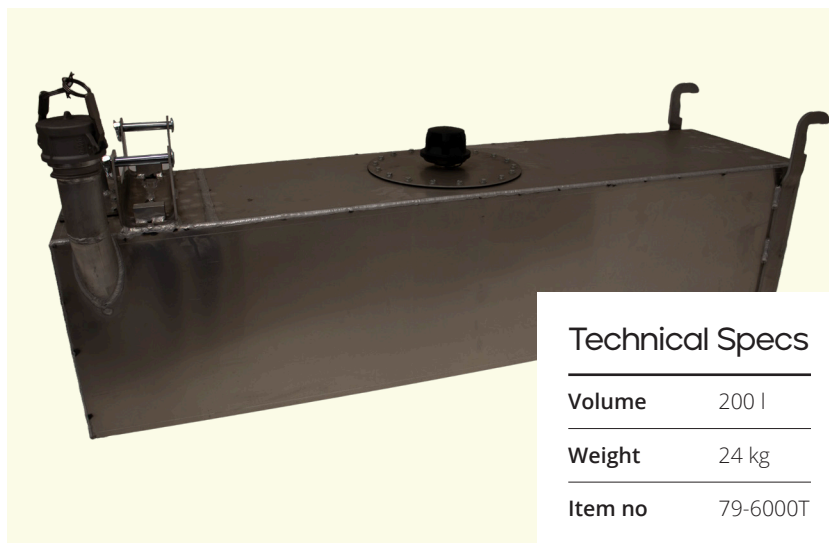
Hose clip 75 mm Item no: 01-30474

Technical Specifications

Capacity	12 m ³ /h
Weight	132 kg
Working pressure:	6 bar
Maximum pressure:	9 bar
Technical vacuum:	-0,95 bar
Item no:	79-3000

Doro Tank

Conditions for cleaning up oil spills vary depending on the surrounding environment. During the final phase it's usually small areas of oil left. Then it's practical to collect the oil in a mobile tank. The Doro Tank is mounted between the pontoons and is supplied with couplings that can be easily mounted to the Sala Roll Pump. When using the Sala Roll Pump to empty the tank it pumps out the oil via the suction tube. The Doro Tank is used in combination with the Sala Roll Pump and Doro Skimmer 800.



Technical Specs

Volume	200 l
Weight	24 kg
Item no	79-6000T

Doro Spreader



Oil-absorbing materials are easily spread out with the Doro Spreader DM 1000 to limit damages and make the oil easier to collect. The rotating spreader head is controlled from the driver's seat and makes it easy to apply the absorbents. A central divider in the container makes it possible to use half the working width. The Doro Spreader DM 1000 can be used with most types of absorbents.

Technical Specifications

Weight:	66 kg
Load volume:	1000 l
Max. load weight:	180 kg
Length	900 mm
Weight	2000 mm
Height	800 mm
Item no:	79-15700

Wood Chipper

The Wood Chipper is an excellent complement when cleaning up organic materials close to wetlands, lakes, and waterways. With two rotating knives the rotor feeds the wood, and air blows out the material via the adjustable exhaust. The Wood Chipper is hydraulically operated and is delivered with an adjustable bracket which facilitates the feeding process when working on slopes.

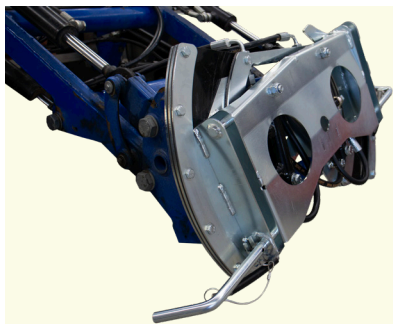
Technical Specs

Weight	198 kg
Capacity	75 mm
Feed size	500x400 mm
Item no	94-104300



Disclaimer: The Wood Chipper shown is mounted on an older model lift bracket.

Accessories



Technical Specs

Weight:	16 kg
Item no	94-140800

Tilt Bracket

The tilt bracket mounted on the lifting arm facilitates the work and increases the precision of the attachment when working parallel to the shoreline.

The Tilt Bracket enables to angle the cutter in places that are difficult to access. The tilt bracket can be adjusted up to +/- 13 degrees. Attachments that can be combined with the tilt bracket: Doro Cutter D20/D30, D40, ESM 20. The hydraulic tilt bracket is a Truxor T30, T40 and T50 accessory.

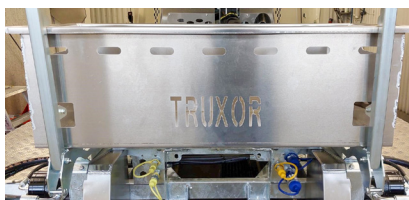


Trailer Variant

The trailer Variant 2700U5 is a trailer specialized for transporting Truxor machines. Delivered with straps, collapsible sides of aluminum, hydraulic tipper, foldable rear ramp with gas springs that facilitate the raising and lowering of the ramp. Guide rails facilitate the loading and unloading of the machine.

Technical Specifications

Loading platform dims	5,2x2,1 m
Total length	6,65 m
Service weight	880 kg
Total weight	2700 kg
Load capacity	1820 kg
Loading platform height	60 cm
Wheels	195/50-13
Item no	75-5200



Transport Bed

If necessary, additional attachments or accessories can be loaded on the machine with the help of the Transport Bed which is mounted on the Transport Bracket of the Reed Rake. Made of aluminum.

Technical Specifications

Weight:	4 kg
Max load:	60 kg
Volume:	70 l
Size (LxWxH):	800x310x300 mm
Item no:	94-104500

Adapter

Adapting 5000 and 5045 attachments for use on the T-series. Machine side X4 to tool side DM bracket.

Technical Specs

Item no	94-128400
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Sprocket Set

Machines used in wetlands become more maneuverable if the gear speed is higher. Sprocket set is designed for Truxor's operating in wetland areas. The sprocket set makes the Truxor more maneuverable and easier to operate in soft terrain.

Technical Specs

Weight:	10 kg
Item no	94-104400





Truxor – The Original

Everything started with a reed cutter in Sweden 30 years ago. Today Truxor's amphibious machines are synonymous with effective water management all over the world. Truxor is the original. Formed in the Swedish wilderness, with continuous innovation and product development as a foundation.

Truxor Wetland Equipment is a global company with a network of resellers in 45 countries. Our headquarters is in Dorotea, Sweden, with 40 employees in production, development, and management.

For us it is inspiring to see our machines and tools being used in various environments all over the world. Truxor is used for restoring wetlands, cleaning up canals, making rivers more available as recreational areas, fighting invasive water vegetation and eutrophication.

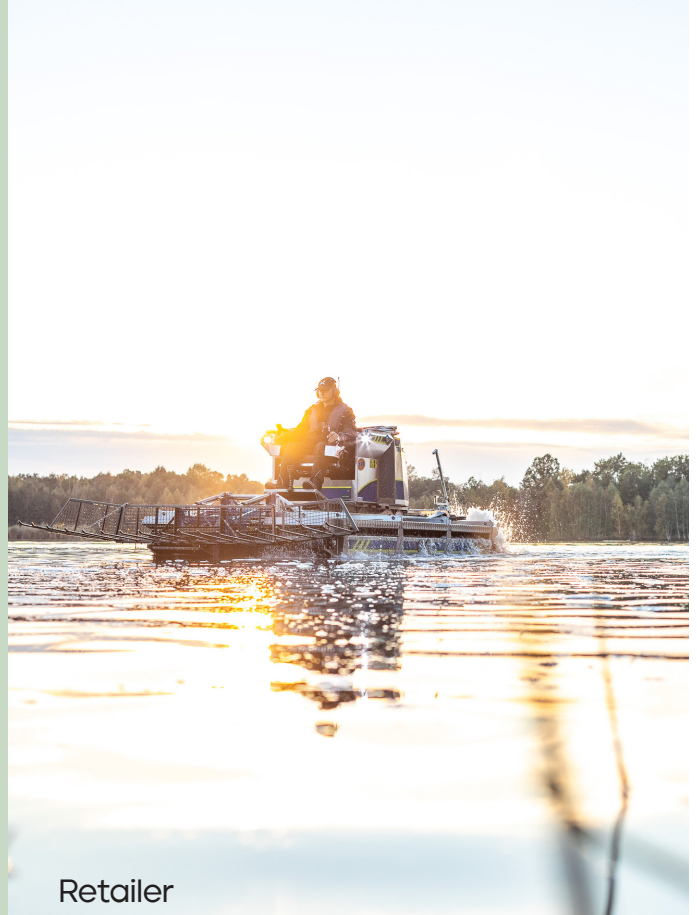
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