



# TRUXOR T-series





## TRUXOR T-series

### 25 years with Truxor

2019 marks 25 years since the first Truxor machine was launched on the market. Since the start in 1994, a lot has happened in the development of the machines. Our long experience of technology and product development as well as our close contact with customers and retailers around the world form the basis of the new generation of Truxor machines. The new T-series has been updated with several new features:

- **Lightweight chassis in high-tensile steel**
- **Lifting arm with parallel movement**
- **Quick bracket X4**
- **LED work lights**
- **Digital screen**
- **Digital technology that improves machine performance and facilitates service**

The digital screen provides information from the engine and other systems. Digital troubleshooting facilitates service and maintenance. The digital screen also makes it possible to adjust some of the machine's functions, such as drive band balance and speed, flow adjustment of hydraulic outlets, emergency operation etc.

### Hydraulic system with thermostat

A modern hydraulic system increases the performance when the hydraulic oil temperature exceeds 40 degrees. To achieve optimum temperature, there is a thermostat controlling the minimum temperature. The right hydraulic oil temperature improves performance and ensures better operating economy.

The T-series presents machines with different type of engines, adapted to serve the environmental requirements and conditions on a world market.



Ergonomic operator's environment with digital screen.





Lifting arm with parallel movement. Semi-automatic quick bracket X4 for fast tool replacement.



Lockable retractable storage.



Easily accessible engine compartment facilitates service.



The movable driver's cab is hydraulically adjusted and works as counterweight during heavy lifts in water.



The weight distribution system gives low ground pressure and floating capacity to the machine, offering unique opportunities for work in sensitive environments.



## TRUXOR T20

**Truxor T20** is built with a 24.8 hp engine. Truxor T20 fulfils the latest environmental requirements. The model is ideal for weed cutting and collection of water plants and is equipped with one hydraulic outlet for running the cutter tool. The capacity of the Truxor is well suited for weed harvesting. For tools that require more power, we recommend machines from the T-series with higher capacity.

Technical specifications Truxor T20	
<b>MOTOR:</b> DIESEL Kubota D1305 E4B-EU EPA/CARB Tier 4 + EU Stage V, 3 cylinders, 18.5 kW/24.8 hp at 2600 rpm. Max torque 80.0 Nm at 1700 rpm. <b>FUEL TANK:</b> 9.23 gal	<b>RIGHT JOYSTICK:</b> lifting, tilting, weight distribution.
<b>COOLING SYSTEM:</b> Combined engine/hydraulic system. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). Thermostat controls the hydraulic oil temperature, improving machine performance.	<b>DASHBOARD:</b> Digital screen for speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, emergency operation, clock etc.
<b>ELECTRIC SYSTEM:</b> 12V/40 Amp, 45 ah battery. Automatic stop function if the engine overheats or the oil pressure is too low. Warning system for driving at maximum slope. 4 LED work lights.	<b>DIMENSIONS:</b> Total length max. 16.50 ft, min 15.42 ft. Total width 6.82 ft. Total height max 8.53 ft, min 6.62 ft. Set weight T20: 2954 lbs
<b>HYDRAULIC SYSTEM:</b> Hydraulic pump with variable displacement (LS), 2.75 cu.in/rev. Hydraulic power: 14.1 hp. Hydraulic tank: 5 gal, system 8.70 gal. Cyclone technology forced ventilation. Environmentally friendly system with automatic stop of the engine if the oil level drops by more than 2.1 gal. (Minimises oil spills). Hydraulic-operated valve: 6 functions. Control system: CAN bus control of all valves.	<b>DRIVING SPEED:</b> 0-110 yd/min <b>FRONT LIFT:</b> Lifting power 771.6 lbs, X4 bracket for fast change of tools. Semi-automatic locking of tools. <b>MATERIAL:</b> Drive band (paddle track) of rubber. Paddles and slide rails in strong plastic. pontoons manufactured of saltwater-resistant aluminium. Heat galvanised steel structure.
<b>DRIVERS SEAT:</b> Ergonomically adjustable driver's seat with thermostatically controlled electric heated seat. Folding cab. Adjustable controls.	<b>ITEM NO:</b> 94-T20 <b>GUARANTEE:</b> 24 months or 1000 hours of operation.
<b>LEFT JOYSTICK:</b> Driving forward/backward/right/left. Speed is controlled by a joystick and with precision driving controls. Control for hydraulic outlet 1.	<b>OPTIONS:</b> Hydraulic oil environmentally friendly. Panolin replaces standard hydraulic oil. T20 8.70 gal <b>Item no:</b> 94-T20E



## TRUXOR T30

Truxor T30 is optimized with the latest environmental requirements and a petrol engine from Kubota. The engine offers high torque at low engine speeds. With low engine speeds, fuel consumption becomes lower. Comes with five hydraulic outlets. The powerful engine makes T30 suitable for work with all tools in our range.

### Technical specifications Truxor T30

**MOTOR:** PETROL Kubota WG1605-G-E3 EPA Tier2/CARB Tier 3 + EU Stage V 33 kW/44 hp at 2600 rpm.  
Max torque 118.0 Nm at 2400 rpm. **FUEL TANK:** 9.23 gal

**COOLING SYSTEM:** Combined engine/hydraulic system. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). Thermostat controls the hydraulic oil temperature, improving machine performance.

**ELECTRIC SYSTEM:** 12V/60 Amp, 45 ah battery. Automatic stop function if the engine overheats or the oil pressure is too low. Warning system for driving at maximum slope. 4 LED work lights.

**HYDRAULIC SYSTEM:** Hydraulic pump with variable displacement (LS), 3.97 cu.in/rev.  
Hydraulic power: 22.2 hp. **Hydraulic tank:** 5 gal, system, 9.23 gal.  
Cyclone technology forced ventilation.  
Environmentally friendly system with automatic stop of the engine if the oil level drops by more than 2.1 gal. (Minimises oil spills)  
**Hydraulic-operated valve:** 9 functions. **Control system:** CAN bus control of all valves.

**DRIVERS SEAT:** Ergonomically adjustable driver's seat with thermostatically controlled electric heated seat. Folding cab. Adjustable controls.

**DASHBOARD:** Digital screen for speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, emergency operation, clock etc.

**LEFT JOYSTICK:** Driving forward/backward/right/left. Speed is controlled by a joystick and with precision driving controls. Control for hydraulic outlet 1, hydraulic outlet 2.

**RIGHT JOYSTICK:** lifting, tilting, weight distribution, control of hydraulic outlet 3.

**Hydraulic outlet 1 (front):** Working pressure 140 bar, adjustable flow 0-5.27 gal

**Hydraulic outlet 2 (front):** Working pressure 130 bar, adjustable flow 0-2.9 gal

**Hydraulic outlet 3 (front):** Working pressure 200 bar. Adjustable flow 0-15.83 gal

**Hydraulic outlet 3 (rear):** Working pressure 200 bar. Adjustable flow 0-15.83 gal

**Hydraulic outlet 4 (rear):** Working pressure 130 bar. Adjustable flow 0-2.9 gal

**DIMENSIONS:** Total length max. 16.50 ft, min 15.42 ft. Total width 6.82 ft. Total height max 8.53 ft, min 6.62 ft. Set weight T30: 3020 lbs

**DRIVING SPEED:** 0-110 yd/min

**FRONT LIFT:** Lifting power 771.6 lbs, X4 bracket for fast change of tools. Semi-automatic locking of tools.

**MATERIAL:** Drive band (paddle track) of rubber. Paddles and slide rails in strong plastic. Pontoons manufactured of saltwater-resistant aluminium. Heat galvanised steel structure.

**ITEM NO:** 94-T30

**GUARANTEE:** 24 months or 1000 hours of operation

**OPTIONS:** Hydraulic oil environmentally friendly. Panolin replaces standard hydraulic oil.  
T30 9.25 gal **Item no:** 94-T30E



## TRUXOR T40

Truxor T40 is suitable for work with all the tools in our product range. The powerful engine and hydraulic outlet make it appropriate for work with power-demanding tools, such as dredge pump and flail mulcher, etc. Truxor T40 is delivered with a strong 44.2 hp turbo-charged engine. Supplied with five hydraulic outlets.

Technical specifications Truxor T40	
<p><b>MOTOR:</b> DIESEL V1505-T-E3B EPA/CARB interim Tier 4 + EU Stage IIIA. 4 cylinders, 33 kW/44.2 hp at 2600 rpm. Max torque 118.0 Nm at 2000 rpm. <b>FUEL TANK:</b> 9.23 gal</p> <p><b>COOLING SYSTEM:</b> Combined engine/hydraulic system. The air intake of the radiator is equipped with a filter (prevents dirt in the radiator cells). Thermostat controls the hydraulic oil temperature, improving machine performance.</p> <p><b>ELECTRIC SYSTEM:</b> 12V/60 Amp, 45 ah battery. Automatic stop function if the engine overheats or the oil pressure is too low. Warning system for driving at maximum slope. 4 LED work lights.</p>	<p><b>RIGHT JOYSTICK:</b> lifting, tilting, weight distribution, control of hydraulic outlet 3</p> <p><b>Hydraulic outlet 1 (front):</b> Working pressure 140 bar, adjustable flow 0-5.27 gal</p> <p><b>Hydraulic outlet 2 (front):</b> Working pressure 130 bar, adjustable flow 0-2.9 gal</p> <p><b>Hydraulic outlet 3 (front):</b> Working pressure 200 bar. Adjustable flow 0-15.83 gal</p> <p><b>Hydraulic outlet 3 (rear):</b> Working pressure 200 bar. Adjustable flow 0-15.83 gal</p> <p><b>Hydraulic outlet 4 (rear):</b> Working pressure 130 bar. Adjustable flow 0-2.9 gal/min.</p>
<p><b>HYDRAULIC SYSTEM:</b> Hydraulic pump with variable displacement (LS), 3.66 cu.in/rev. Hydraulic power: 22.2 hp. <b>Hydraulic tank:</b> 5 gal, system 9.23 gal. Cyclone technology forced ventilation. Environmentally friendly system with automatic stop of the engine if the oil level drops by more than 2.1 gal. (Minimises oil spills). <b>Hydraulic-operated valve:</b> 9 functions. <b>Control system:</b> CAN bus control of all valves.</p>	<p><b>DIMENSIONS:</b> Total length max. 16.50 ft, min 15.42 ft, Total width 6.82 ft. Total height max 8.53 ft, min 6.62 ft. Set weight T40: 3086 lbs</p> <p><b>DRIVING SPEED</b> 0-110 yd/min</p> <p><b>FRONT LIFT:</b> Lifting power 771.6 lbs, X4 bracket for fast change of tools. Semi-automatic locking of tools.</p>
<p><b>DRIVERS SEAT:</b> Ergonomically adjustable driver's seat with thermostatically controlled electric heated seat. Folding cab. Adjustable controls.</p>	<p><b>MATERIAL:</b> Drive band (paddle track) of rubber. Paddles and slide rails in strong plastic. pontoons manufactured of saltwater-resistant aluminium. Heat galvanised steel structure.</p>
<p><b>DASHBOARD:</b> Digital screen for speed, engine temperature, oil pressure engine, timer, fuel gauge, hydraulic oil temperature, hydraulic pressure, hydraulic flow, emergency operation, clock etc.</p>	<p><b>ITEM NO: 94-T40</b></p> <p><b>GUARANTEE:</b> 24 months or 1000 hours of operation</p>
<p><b>LEFT JOYSTICK:</b> Driving forward/backward/right/left. Speed is controlled by a joystick and with precision driving controls. Control for hydraulic outlet 1, hydraulic outlet 2.</p>	<p><b>OPTIONS:</b> Hydraulic oil environmentally friendly. Panolin replaces standard hydraulic oil. T40 9.25 gal <b>Item no: 94-T40E</b></p>

# Cutting tools

## Which cutting tool should I choose?

We offer five different cutter units for our Truxor machines. The Doro cutter D20 and D30 are recommended for water depth of more than 0.98 ft. For cutting operations on land use the ESM cutters. The four ESM cutters are equipped with double-action Busati knife systems which has sufficient capacity to handle heavy vegetation.

## Collection – just as important as cutting

Cut water plants left in the water can act as fertiliser. This is why we recommend that all cut materials be collected and removed. Harvesting and removing water plants helps prevent eutrophication.



## Doro cutter D20/D30



The Doro cutter D20 is the perfect solution for common reed cutting in most aquatic environments. The cutter is hydraulically operated and easy to attach to Truxor's tool bracket. The cutting depth is 3.3 ft. The knives are replaceable with a working width from 7.2 ft to up to 13.1 ft.

The Doro cutter D20 and D30 must be used in water, which lubricates the knives during work and is therefore not suitable for use on land. A stone release system protects the knives if they come into contact with solid objects. The Doro cutter D30 is the same model but its cutting depth has been increased to 4.6 ft. The knives of the cutter are delivered with a working width of 13.1 ft.

### Doro cutter D20/D30

Knives (4 m) included

#### D20

Working width:	13.1 ft
Weight 3090:	145.5 lbs
Cutting depth:	3.3 ft
Item no:	95-20300

#### D30

Working width:	13.1 ft
Weight:	154.3 lb
Cutting depth:	4.6 ft
Item no:	95-20400

#### Accessories:

Knife set	
7.2 ft	95-70022
9.8 ft	95-70030
13.1 ft	95-70040





## Doro Cutter D40

Working width:	13.12 ft
Weight D40	213.8 lbs
Cutting depth: (Hydraulic driven telescopic extension)	0.65-6.88 ft
<b>Item no:</b> (incl. knife set 13,1 ft)	<b>84-03200</b>

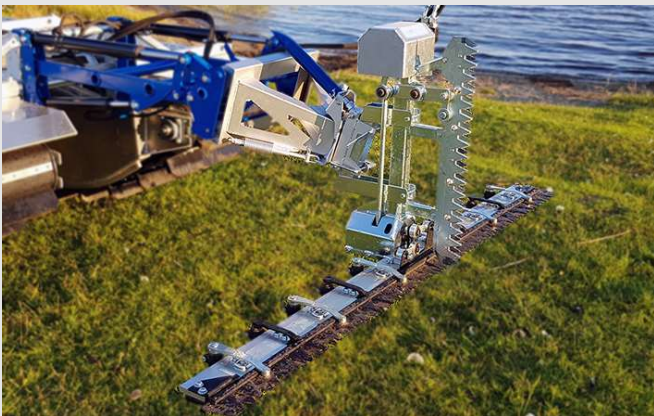
### Accessories

Knife set	Item. no:
7.2 ft (2 pcs)	<b>95-70022</b>
9.8 ft (2 pcs)	<b>95-70030</b>
13.1 ft (2 pcs)	<b>95-70040</b>

## Doro Cutter D40

Doro cutter D40 is a deep cutting unit with telescopic function. The generous cutting depth of 6,88 ft enables deeper cutting, closer to the bottom. The regrowth will take more time and the intervalls between cutting the vegetation can be lengthened.

Doro cutter D40 has hydraulic drift and is easily mounted in the tool bracket on Truxor. The knives are available in working widths from 7.2 ft to 13.1 ft and the cutter is delivered with 13.12 ft as standard. A stone release system protects the knives when they encounter solid objects.



## Doro cutter ESM 20

The Doro cutter ESM 20 is a front-mounted cutter with double-action Busati knives. In comparison to the single-action knives, the double-action knives are more efficient and have a higher cutting capacity. The ESM 20 is recommended when the water depth is less than 1.64 ft. A stone release system protects the knives from stopping when coming into contact with solid objects.

<b>Working width:</b>	6.9 ft
<b>Weight:</b>	158.7 lbs
<b>Cutting depth:</b>	1.6 ft
<b>Item no.</b>	<b>90-27900</b>



## Doro cutter ESM 30

The Doro cutter ESM 30 is a cutting unit for wetlands and subsoil water. The Double-action Busati knives have a larger opening. A direct-drive hydraulic motor with double-action knives, which increases the capacity so that even coarse plants and individual bushes of up to 0.59-0.79 inch can be cut. A stone release system provides over-load protection when the knives stop against solid objects.

<b>Working width:</b>	7.05 ft
<b>Weight:</b>	251.3 lbs
<b>Cutting depth:</b>	0.98 ft
<b>Item no.</b>	<b>82-18300</b>

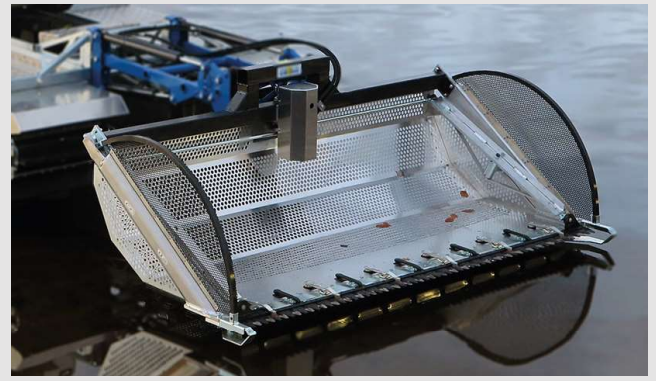




### Doro cutter ESM 40

The Doro cutter ESM 40 is mounted on the side of Truxor making it possible to cut along channels and canals. The angle of the cutting unit is adjustable. The knives are double-action Busati. The Doro Cutter ESM 40 is equipped with a stone release system that protects the knives when they encounter solid objects. The cutter has a hydraulic side arm with built-in adjustable extension for greater range.

Working width: 5.6 ft  
 Weight: 260.1 lbs  
 Cutting depth: 1.6 ft  
*Estimated sales start Q2 2020*



### Doro cutter ESM 50

The Doro cutter ESM 50 cuts and collects plants at the same time. It is recommended for smaller waterways such as golf ponds where space is scarce and the water flow can make collection difficult. When only the cutting function is to be used the collection net on the cutting bucket can be removed. The cutter is equipped with double-action Busati knives.

Working width: 6.9 ft  
 Weight: 242.5 lbs  
 Width: 7.4 ft  
 Cutting depth: 2.6 ft  
**Item no. 90-27800**

## Rakes



### Reed rake

Used for the collection and transportation of plants after reed cutting. It has foldable side sections. The rake can be supplemented with strainer plates for collection of waste, algae and absorbents (oil spill clean-up).

Working width: 6.5 or 11.5 ft  
 Weight: 132.3 lbs  
**Item no. 94-128100**

### Strainer plates

Reed rake accessory:  
**Weight:** 28.7 lbs  
**Working width:**  
 6.5 or 11.5 ft  
**Item no. 94-29600**



### High-tip rake

This rake has a higher tip, which facilitates the loading of trailers or barges. The rake is made of perforated plating which allows it to collect smaller particles such as waste, algae and absorbents (oil spill clean-up).

Working width: 7 ft  
 Weight: 154.3 lb  
 Max. lifting height in water: 4.3 ft  
 Max. lifting height on land: 5.6 ft  
**Item no. 94-129400**

# Doro grip



The Doro grip is a flexible tool with a wide field of application for sediments, vegetation, tree, plastics, algae and similar debris. The Doro grip is especially recommended when working in shallow water and close to shore.

The Doro grip is a combined tool with grip bucket and grip rake that fits on the same attachment. With an adapter, the Doro grip can be mounted in Truxor's lift arm. The smaller grip rake and grip bucket can be mounted in the Doro digger with a special attachment.

The Doro grip can also be used with the telescopic extension. An increased working depth makes it possible to dredge and remove for example lilly roots.



78-33700



78-34500



78-34600



78-34700



78-34800

Item No.	Description	Weight	Volume	A. Working width B. Working depth
78-33700	Attachment	59.5 lbs		
78-34500	Grip bucket	75 lbs	38.25 gal	A. 3.28 ft
78-34600	Grip rake	61.7 lbs		A. 3.70 ft
78-34700	Grip bucket	48.5 lbs	17.15 gal	A. 1.47 ft
78-34800	Grip rake	30.8 lbs		A. 1.6 ft
78-34900	Adapter	17.6 lbs		
94-129500	Telescope	72.7 lbs		B. 5.57 ft
78-35000	Adapter T30, T40			
78-35600	Adapter T20			



78-35000, 35600



78-34900



94-129500

# Doro miller



The Doro miller is used for restoring wetlands, and shore lines. The miller is available in different working widths. The miller heads are replaceable and can be dismantled from the drive unit.

The drive unit is mounted on the lifting arm. It is recommended only in wetlands with organic materials. The miller heads are not included.

Doro miller	
Operating unit	
<b>Weight</b>	83.77 lbs
<b>Engine speed:</b>	0-150 RPM
<b>Torque:</b>	max 516.3 lbf
<b>Length:</b>	2.95 ft
<b>Item no.</b>	72-14100
Miller heads set	
<b>Working width:</b>	3.93 ft
<b>Weight:</b>	99.2 lbs
<b>Item no.</b>	72-12300
Miller heads set	
<b>Working width:</b>	2.62 ft
<b>Weight:</b>	70.55 lbs
<b>Item no.</b>	72-12200
Knife mills set	
<b>Working width:</b>	2.62 ft
<b>Weight:</b>	77.16 lbs
<b>Item no.</b>	72-13600



72-12300



72-13600



72-12200

# Wood chipper



The wood chipper rotor has two rotating knives. The rotor feeds the wood and air blows the material out 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. The tool is an excellent supplement when clearing close to wetlands, lakes and waterways.

## Wood Chipper

<b>Weight:</b>	436.5 lbs
<b>Capacity:</b>	2.95 inch
<b>Feed size:</b>	19.7x15.7 inch
<b>Item no.</b>	94-104300

# Doro digger



The Doro digger is an excavation aggregate and combined mounting system for other tools. 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 maximise the lifting height, digging depth and reach. The digging aggregate has a swing system equipped with hydraulic cylinders that provide solid flywheel capacity. Doro digger is equipped with semi-automatic quick bracket DM X3 for fast tool change.

Examples of Doro digger accessories are excavation buckets, dredge pumps, flail mulchers and cutting knives.



Doro Digger with Doro Pump V3



Doro Digger with ESM 60

The Doro cutter ESM 60 effectively cuts vegetation and bushes on shorelines and in wetlands. The ESM 60 can cut most types of plants and bushes up to 1 inch in diameter. The knife beam has knives on both sides and the plants are cut from both directions by the swinging motion of the digging arm. The large working width reduces driving distances in wetlands and minimizes soil surface damage. The ESM 60 is not recommended for use under the water surface.

## Doro digger

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

Maximum excavation depth:	9.8 ft
Maximum lifting height:	9.5 ft
Maximum reach (radius):	13.1 ft
Maximum reach (diameter)	26.24 ft
Maximum turning radius:	180°
Maximum depth for outrigger pontoons, stabilisation against the bottom (excavation):	6.6 ft

If the water depth is less than 0.1 m, the outriggers can be removed. The machine will then be lighter and more flexible for use in wetlands, for example.

Buoyancy of outrigger pontoons	2 x 319.7 lbs
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Valve package equipped with two-lever system. Semi-automatic quick bracket DM X3.

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

<b>Doro Digger Item no.</b>	<b>77-25700</b>
Excavation aggregate	524.7 lbs
Prop feet front 2 pcs 2x128 lbs	77-25900
Prop feet rear 1 pcs, 104 lbs	77-26000



Doro Digger with Orsi flail mulcher

Orsi flail mulcher. A perfect tool that chops vegetation without the need to collect it afterwards. It is recommended for plants and bushes with a diameter of up to 1 inch.

# Doro digger accessories



The Doro miller when mounted on a Doro digger gives a large radius of action. The material can be easily processed and moved using the miller in order to fill uneven ground.

Recommended only in wetlands with organic material. The miller heads are not included.



Adapter bracket 72-14000



72-12200



72-13600

## Doro miller

<b>Drive unit:</b>	
Weight:	68.3 lbs
Engine speed:	0-150 RPM
Max. torque	max 516.3 lb ft
<b>Item no:</b>	<b>72-12100</b>
<b>Set of knife mills</b>	
Working width:	2.63 ft
Weight:	77.16 lbs
<b>Item no:</b>	<b>72-13600</b>
<b>Miller heads set</b>	
Working width:	2.63 ft
Weight:	70.55 lbs
<b>Item no:</b>	<b>72-12200</b>
<b>Adapter for mounting of Doro miller to the lifting arm</b>	
Including hydraulic tubing.	
Weight:	11 lbs
<b>Item no:</b>	<b>72-14000</b>

## Accessories

Doro Digger buckets. Designed for work carried out in water. Made of high-tensile steel. 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, including 6 and 7) is used. The prop feet can be overloaded if the buckets are used in deep water.

1. Bucket, 15.8 gal, weight 81.57 lbs **Item no. 77-16800**
2. Bucket, 7.9 gal, weight 52.9 lbs **Item no. 77-16900**
3. Excavator rake, 18.5 gal, weight 59.5 lbs **Item no. 77-17000**
4. Grip bucket, 17.15 gal, weight 48.5 lbs, **Item no. 78-34700**
5. Grip rake, working width 1.6 ft. Weight 30.8 lbs. **Item no. 78-34800**
6. Adapter **78-34900** 7. Attachment **78-33700**

Orsi flail mulcher. Weight 194 lbs, Working width 2.62 ft. Hydraulic operation. Delivered with a hammer knife.

Capacity: thicket of up to 1 inch. **Item no: 77-19000**  
**A. Hammar knife for 77-19000 Item no: 77-023077**  
 (20 pieces needed)

### Doro cutter ESM 60

Delivered with a knife for cutting grass and bushes with a diameter of up to 1 inch. Working width of knife is 6.23 ft. Max reach when mounted on a Doro digger (diameter): 37.7 ft. Weight: 194 lbs

**Item no: 80-10000**

Hydraulic tubing, including brackets, for operation of Doro pump V3, Orsi flail mulcher and Doro cutter ESM 60.

**Item no: 77-20000**



# Doro pump V3



The Doro pump V3 when mounted on a Doro digger offers extensive control of the dredging accessories. The system has a rotating head and knives mounted on the intake, ensuring an even feed of material into the Doro pump.

The wings of the intake system feeds the sediment and minimises the dirtying of the water with the sediment.



## Doro pump V3

Max. capacity:	572 gpm
Max capacity with lifting height:	
3.3 ft	528 gpm
6.6 ft	484 gpm
9.8 ft	440 gpm
The lifting height, hose length, type of sediment etc. all affect the maximum capacity.	
Maximum dredging depth with Doro Pump V3:	11.5 ft
Max. permitted working width with Doro pump (diameter):	13.1 ft (floating machine)
Max. permitted working width at a water depth of up to 1,3 ft: (diameter)	22.9 ft
Max depth, outrigger pontoons, stabilisation against the bottom (dredging):	6.6 ft
Working width infeed:	13.1 ft
Doro pump V3 weight:	194 lbs
Standard set weight:	189.6 lbs
Doro Pump V3 incl. standard set.	<b>Item no. 78-37300</b>

## Accessories

The discharge nozzle can pump sediments sideways when, for example, cleaning channels. It is delivered with replaceable nozzle to modify the sediment flow. Weight: 15.43 lbs. Discharge nozzle **Item no. 77-25800**

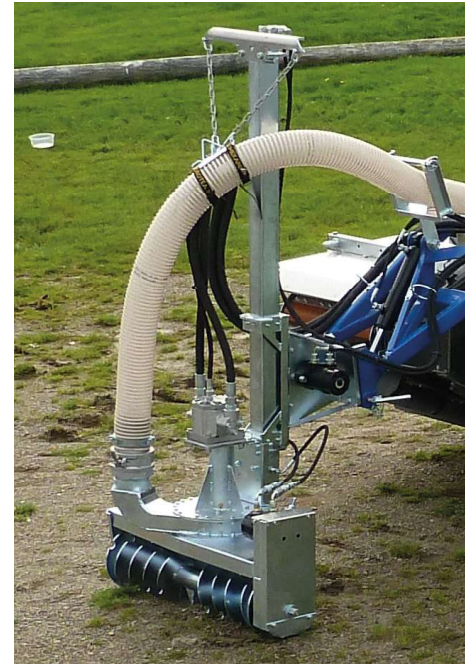


Flat tubing 4.1 inch (164 ft)	<b>Item no. 78-105</b>
Camlock, female	<b>Item no. 78-5626102</b>
Camlock, male	<b>Item no. 78-5646102</b>
Hose clip 4.33 inch	<b>Item no. 01-110D20</b>

## Doro pump V3 standard set:

Delivered with hydraulically operated drill feed and 26.2 ft spiral tubing including couplings, 82 ft flat tubing Ø 4 inch incl. quick couplings and brackets for floaters, 10 floaters, 16.4 ft flat tubing with quick coupling and end nozzle, 1 set of brackets for the dredging hose, outrigger pontoon extensions.

# Doro pump



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 changing to another tool takes only a few minutes. The Doro pump is delivered ready for assembly on the lifting arm.

The Doro pump can be delivered with the following accessories: hydraulically operated telescopic extension to increase the dredging depth and facilitate maneuvering.

### Doro pump standard kit:

1 hydraulically operated feeding screw, 19.7 ft spiral tubing incl. couplings, 82 ft flat tubing Ø 4 inch with camlock quick coupling with buoyancy tube. 10 floaters, 16,4 ft flat tubing with quick coupling and end nozzle, 1 suction nozzle, 1 DM attachment 2,95 ft, 1 extension 2,29 ft, 1 bracket set for dredging hose.



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 pump

Doro pump with feeding screw:	
Weight:	207.2 lbs
Dredging depth:	5.25 ft
Working width:	2.62 ft
The Doro pump is supplied with a standard kit.	
Standard set weight:	189.6 lbs
Max. capacity:	572.4 gpm
Max capacity with lifting height:	
3.3 ft	528 gpm
6.6 ft	484 gpm
9.8 ft	440 gpm

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

<b>Item no.</b>	<b>78-35700</b>
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### Accessories

Telescopic extension Dredging depth: 7.8 ft	<b>Item no.</b> <b>94-129500</b>
Flat tubing 4.1 inch (164 ft)	<b>Item no.</b> <b>78-105</b>
Camlock, female	<b>Item no.</b> <b>78-5626102</b>
Camlock, male	<b>Item no.</b> <b>78-5646102</b>
Hose clip 4.33 inch	<b>Item no.</b> <b>01-110D20</b>

# Pile driver DM 350



Pile driver DM 350 is a mast with a winch system for lifting and mounting plastic, wooden and metal piles and poles. It is equipped with a Hycon hydraulic hammer which is used in combination with the Pile driver DM 350 and generates very powerful vibrations, resulting in effective piling in water.

The Pile Driver DM 350 is mounted onto the frame bracket of the lifting arm. The X + Y movement is controlled from the operator's seat. The hydraulic hammer is attached to the winch using the bracket for piles or poles. Delivered complete with a winch. Hycon hydraulic hammer is not included.



Pile, u-profile	
Weight:	2,15 lb / m2
Width:	1.02 ft
Material:	plastics, 0.2 inch
Length 6.56 ft	Item no. 71-135820
Length 8.2 ft	Item no. 71-135825
Length 9.84 ft	Item no. 71-135830
Length 13.12 ft5	Item no. 71-135840
Trim corner 90°	Item no. 71-1300
Trim joint. Two-way	Item no. 71-1329
Trim joint. Three-way	<b>Item no. 71-1536</b>

## DM 350 accessories:

Mast extension 3.3 ft, weight 15.43 lb.  
Max pole/pile length 13.12 ft  
Item no. 71-10700K



## Hycon hydraulic hammer accessories:

U-profile pile bracket (71-1358)	Item no. 71-14800
Weight: 26.5 lbs	
Round pole bracket, 2.36 inch	Item no. 71-4012575
Round pole bracket, 3.15 inch	Item no. 71-4012585



## Pile driver DM 350

Length	14.75 ft
Weight	139 lbs
X movement:	max 4.72 inch
Y movement:	max 4.72 inch
Lifting capacity:	286.6 lbs
Max pole/pile length	9.84 ft
<b>Item no</b>	<b>71-10600</b>

# Hycon hydraulic hammer



Hycon hydraulic hammer for piling of poles and plastic piles. The hydraulic hammer can be used with or without Pile driver DM 350.

Delivered with hydraulic hoses and quick couplings. The brackets for plastic piles and poles are ordered separately.

Weight: 75 lbs.  
**Item no. 71-14500**



# Doro skimmer



The Doro skimmer DS 800 is a mobile combi skimmer that works in shallow waters from approx. 0,8 inch. When an oil spill has been contained with oil booms, the booms can be mounted to the Doro skimmer's 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.

Doro skimmer DS 800	Combined with Sala Roll Pump.
Capacity:	88 gpm (thick oil)
Weight:	115 lbs
<b>Item no.</b>	<b>79-5000</b>



The Doro skimmer is equipped with a bracket where the suction tubing (Sala roll pump) is placed.



The Doro skimmer can be used with or without Sala Roll Pump. The Doro skimmer holds approx. 5.3 gal.

# Sala roll pump



The Sala roll pump is suitable for decontamination of thick-flowing and polluted matter in places 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.



Capacity:	53 gpm
Weight:	291 lbs
Working pressure:	86 PSI Max. pressure: 128 PSI
Technical vacuum:	-13.8 PSI

**Estimated sales start Q2 2020**

### Sala roll pump accessories:

Cleaning of oil spills: suction tubing, 13.47 ft with suction hose 2.6 inch, 4 quick couplings Ø 2.6 inch, 88.6 inch pressure hose 2.56, 1 frame bracket.

**Item no. 79-3002**

Flat tubing 3"/76 mm delivered in 164 ft lengths

**Item no. 78-11876**

Camlock, female

**Item no. 78-562676**

Camlock, male

**Item no. 78-564676**

Hose clip 3 inch

**Item no. 01-30474**

## Doro tank



The conditions for cleaning up oil spills vary depending on the environment. During the final phase of the work there are usually small areas of oil where it is 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.

**Volume:** 52.8 gal, **Weight:** 52.9 lbs  
**Estimated sales start Q2 2020**

## Doro spreader



Oil-absorbing materials are easily spread with the Doro spreader DM 1000. The absorbents are spread on the oil spill to limit damages and making the oil easier to collect in water. The rotating spreader head is controlled from the driver's seat and makes it easy to apply the suitable amount of 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.



**Weight:** 146 lbs  
**Load volume:** 264 ga  
**Max. load weight:** 396 lbs  
**L:** 3 ft  
**W:** 6.6 ft  
**H:** 2.6 ft  
**Item no.** 79-15700

## Accessories



### Adapter

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

**Item no. 94-128400**

# Accessories



## Tilt bracket

The tilt bracket mounted on the lifting arm facilitates the work and increases the precision of the tool when working sideways.

The tilt bracket makes it possible to angle the cutter and rake, thus cutting and collecting plants in places that are difficult to access. The tilt bracket can be adjusted by up to  $\pm 30$  degrees. Tools that can be combined with the tilt bracket: Doro cutter D20/ D30, ESM 20, ESM 50, Standard reed rake, Doro miller and Doro skimmer. The hydraulic tilt bracket is a Truxor T30 and T40 accessory.

Item no. 94-140800

Weight: 35.27 lbs. **Estimated sales start Q1 2020**



## Transport bed

If necessary, additional tools 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 aluminium.

Weight: 8.8 lbs. Max load: 132.2 lbs.

Volume: 18.5 gal.

Size (LxWxH): 31.5x12.2x11.8 inch

Item no. 94-104500



## Propeller operation

Increases the speed in water. Recommended for transport and in combination with certain tools. The propeller should not be used together with the reed cutter or Doro Digger. The engine speed of the propeller is controlled from the operator's seat. The propeller is controlled using caterpillar tracks. Delivered with a stone release system. A rear DM bracket must be installed (not included).

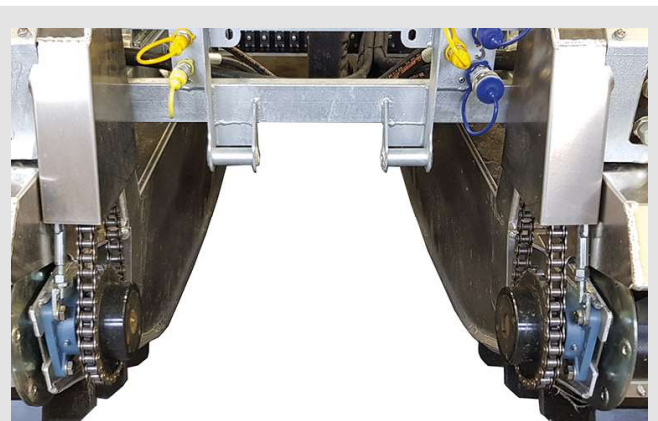
Speed in water, max. 4.8 mph

Propeller diameter 13 inch.

Weight: 55 lbs.

Item no. 91-107900

**Estimated sales start Q1 2020**



## Sprocket set

Machines used in wetlands become more manoeuvrable if the gear speed is higher. The chain gear is recommended only when the machine is used in wetlands and in combination with the tools we recommend. With normal use in water, on land and in wetlands, it does not require higher gear speed. Drive chains and chain sprockets (bigger) are included.

Weight: 22 lbs.

Item no. 94-104400

# Trailer Variant



Trailer Variant	
Loading platform dimensions: 17.06x6.9 ft	
Total length:	21.82 ft
Service weight:	1940 lbs
Total weight:	5952 lbs
Load capacity:	4012 lbs
Loading platform height:	1.97 ft
Wheels:	195/50-13
Item no.	75-5200

The trailer Variant 2700U5 is a trailer specially adapted for transporting Truxor.

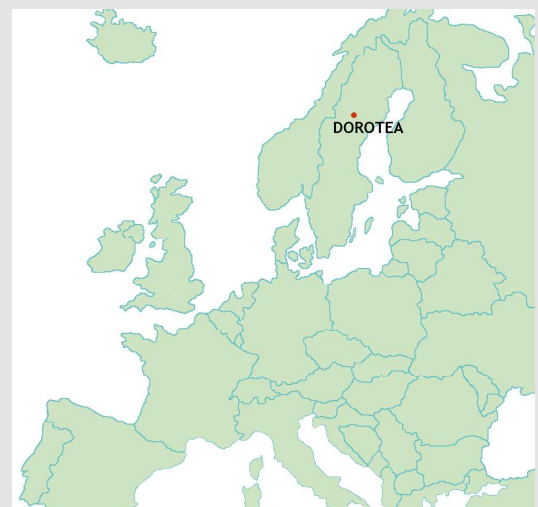
The trailer Variant 2700U5 is delivered with straps, collapsible sides of aluminium, hydraulic tipper, foldable rear ramp with gas springs that facilitate the raising and lowering of the ramp. Guide rails facilitate the loading and unloading of the machine.



Dorotea Mekaniska AB are specialised in lake cleaning, as well as maintenance of wetlands and waterways. Since 1990 we have been delivering, manufacturing and developing products, turning innovative thinking into reality. We offer everything from the small and simple reed cutter to the professional machine for reed cutting, dredging, oil spill clean-up, digging, piling etc.

Excellent quality and performance have always been our top priority and over time we have gathered experience and skills that we are happy to share with our customers.

The Dorotea factory, located in the north of Sweden, is the centre of production, spare parts and sales. We have customers and distributors all over the world. Spare parts for our products can be obtained from us or from our major distributors.



[www.doroteamekaniska.se](http://www.doroteamekaniska.se)

The manufacturer reserves the right to make changes to the technical specifications and product range.

## MANUFACTURING/SALES:



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## RETAILER: