

# Unitrac 92 / 102

## UNITRAC 92

<b>ENGINE</b>	Perkins Turbodiesel (Class 3A)
Type/Model	1104C-44Turbo
Output/Speed	67 kW (91 hp) / 2200 rpm
Cylinders/Cooling	4 / Water
Bore/Stroke/Capacity	105/127/4,400 cm <sup>3</sup>
Max. torque	370 Nm
At speed of	1400 rpm
Tank capacity	100 l

## UNITRAC 102s

<b>ENGINE</b>	VM-Turbodiesel (Euro 4)
Type/Model	R75EU4 Common Rail 72
Output/Speed	kW (98 hp) / 2600 rpm
Cylinders/Cooling	4 / Water
Bore/Stroke/Capacity	94/107/2,970 cm <sup>3</sup>
Max. torque	350 Nm
At speed of	1400 rpm
Tank capacity	100 l

## UNITRAC 102

<b>MOTOR</b>	Perkins-Turbodiesel (Class 3A)
Type/Model	1104D-E44T Common Rail
Output/Speed	74.5 kW (102 hp) / 2200 rpm
Cylinders/Cooling	4 / Water
Bore/Stroke/Capacity	105/127/4,400 cm <sup>3</sup>
Max. torque	420 Nm
At speed of	1200 rpm
Tank capacity	100 l

## UNITRAC Series 2

<b>CLUTCH</b>	Two-disc dry clutch
Drive clutch	Hydraulically operated via pedal
P.T.O. shaft clutch	Mechanically operated via push-button

<b>STEERING</b>	Hydrostatic
Optional	4-wheel steering with deluxe operation
Turning circle radius	6 m (with 4-wheel steering 3.5 m)

<b>TRANSMISSION</b>	16 V/16 R split
Optional	20 V/20 R split + super crawling gear
Speeds	30, 40 km/h or 50 km/h

<b>P.T.O. SHAFTS</b>	Power shift		
Central (behind driver's cab)	540/1000 min-1		
Optional	Rear p.t.o. shaft, front p.t.o. shaft 1000 min-1		
<b>DIFFERENTIAL LOCK</b>			
At rear and central	Power shift, electrohydraulically operated		
Optional	Lock at front, power shift, electrohydraulically operated		
<b>AXLES</b>	Planetary axle with disc brakes		
<b>BRAKES</b>			
Front axle	With 2 internally ventilated disc brakes on the inside and 2 disc brakes on the outside		
Rear axle	With 2 internally ventilated disc brakes on the inside		
Optional	Engine lock brake**, retarder* (eddy current brake)		
<b>SUSPENSION</b>	Hydrostatic suspension with level regulation		
<b>HYDRAULICS</b>			
Working circuit at front	Working pressure: 180 bar		
	Max. flow rate: 33 l/min at 2250 min-1		
	Controllers: 1x DWS, 1x DW 1X return flow		
	Incl. joystick and mounting panel Euro 3		
Working circuit at rear	Working pressure: 180 bar		
	Max. flow rate: 45 l/min at 2250 min-1		
	Controllers: 1x DW proportional, 1x EW		
	POWERLINK with load sensing (max. 78 l/min)		
	Optional: additionally 4x EW or 2x DW		
<b>WEIGHTS</b>	<b>Wheelbase 2600</b>	<b>Wheelbase 3100</b>	<b>Winter service</b>
Max. laden weight	7,500 kg	7,500 kg	8,000 kg
Max. front axle load	4,200 kg	4,200 kg	4,200 kg
Max. rear axle load	4,400 kg	4,400 kg	4,400 kg
Tare weight (base unit)	2,990 kg	3,130 kg	
Tare weight (with tilt unit)	3,590 kg	3,730 kg	
Payload with tilt unit	3,910 kg	3,770 kg	+ 500 kg
<b>DELUXE CAB</b>	Tilting deluxe cab, anti-vibration bearings		
<b>ELECTRICAL SYSTEM</b>			
Voltage	12 volt		
Dynamo	100 A		
Battery	88 Ah		
Main headlight	H4 with dipped and main beam		
Roof headlight	H7 with dipped and main beam		
<b>STANDARD TYRES</b>	15.0/55-17 Conti Traction Farmer		
	265/70 - R19.5 (public service package)		

**Examples of special optional equipment:**

Front hydraulics, rear hydraulics, air-conditioning system, special colours (Ral/Ral Metallic), light carrier, soot particle filter, 4-wheel steering, torsional damping, engine lock brake, eddy current brake, safety lock, pneumatic brake, hydraulic trailer brake, etc.

\*Retarder only possible with 3100 mm wheelbase. \*\*Engine lock brake not possible in conjunction with particle filter.

Subject to technical alterations