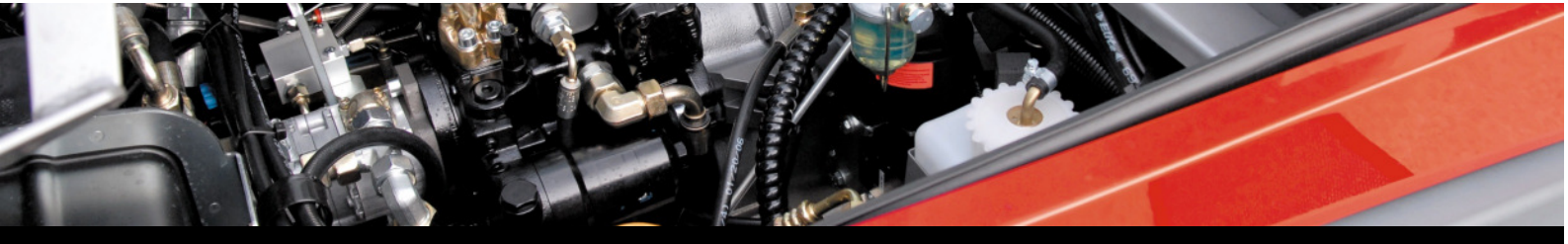


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Terratrac Aebi TT205



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The technical data / Terratrak Aebi TT205

Engine

Diesel, Kubota V 2203 M, 2197 cm³, 4 cylinders, 4 strokes, indirect injection water cooled; power 36,4 kW (49,5 HP) at 2800 rpm. according to SAE J1995 (Gross Intermittent); power 34,3 kW (46,7 HP) at 2800 rpm. According to SAE J 1349 (Net Intermittent). Mounted on silent blocks.

Electrical equipment

12 V, 90 amp alternator, 88 Ah high capacity, cold-start battery. Turn-off using ignition key. Central electrics panel, on-board computer for displaying: driving speed, water temperature, tank, PTO shaft speed (front and rear), engine rpm, hours run indicator.

Clutch

Single-plate dry clutch for independent PTO-shaft operation.

Transmission

Continuously variable hydrostatic drive with adjusting pump and adjusting motor for two speeds which can be changed under load.

Speeds

Slow range: 0 -12 km/h. Fast range: 0-30 km/h. The whole speed range can be selected using the multi-function drive lever for both forward and reverse drive without any interruption of the transmitted power.

PTO shafts

Standard 1 3/8", 6 splines. Independent front and rear PTO shafts. Can be engaged under load. Rotation speeds: front 591 rpm, rear 610 rpm. Rotation clockwise (viewed from end of PTO shaft).

Axle drive

4-wheel drive with differential lock on both axles, Rear axle always engaged. Front axle can be hydraulically engaged. Front and rear differential locks electro-hydraulically pre-selectable, status indicator light, 100 % mechanical locking.

Steering

Hydrostatic 4-wheel steering based on a "load sensing" system. Front wheel steering pre-selectable via push button. The automatic sensing and synchronization of the wheel positions using inductive sensors make it possible to change the steering mode at any time even while in motion. Turning radius 2.9 m.

Tyres

Low pressure Terra-tyres 31x15.50-15/6PR.

Brakes

Hydraulic servo foot brakes operating on all four wheels, additional hydrostatic driving brake. Handbrake/independent wheel brakes: mechanical servo-assisted brakes operating on rear wheels.

Driver's cab

Vibration-damped driver's cab. OECD-approved roll guard (ROPS) with front curved windscreen. Comfort seat.

Hydraulics

Pressure 175 bar. Flow rate 22.4 l/min at engine speed of 2800 rpm., oil reservoir for auxiliary hydraulic cylinders 8 l.

Front hydraulic linkage

3-point cat. I. Lifting power: 1,200 daN. Controlled using seat valves with the functions raise, carry, lower, float position, weight transfer. All functions selectable using the multifunction drive lever. "Weight transfer" function, infinitely adjustable. Adjustable sink throttle. External remote operation of lift and lower front. Quick action couplings on the front hooks.

Auxiliary hydraulics

Supplementary hydraulics 4, DWAS-, front and rear for double-acting cylinders with float position.

Dimensions

Length without rear hydraulic linkage	2778 mm
Length with rear hydraulic linkage	3283 mm
Width	1880 mm
Height	1940 mm

Weights

Weight	1650 kg
Max. front axle weight	1600 kg
Max. rear axle weight	1600 kg
Max. total weight	2800 kg
Trailer coupling load max.	300 kg
Trailer weight (with brakes) max.	3000 kg
Trailer weight (without brakes) max.	600 kg

Capacity

Fuel tank	41 litres
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Optional equipment

Rear hydraulic linkage. Side shift (The complete linkage can be displaced hydraulically by 20 cm to the left or right). Supplementary hydraulics 5, DWA-/, front and rear for double-acting cylinders, Swivel seat. Front PTO shaft, heavy construction with free wheel (either with or without overload clutch). Dual tyres at front and rear (6.50-16 PR) with quick action connectors. Quick-fit height adjustable trailer hitch, revolving light, snow chains, diesel particle filter. Turf tyres 31x15.50-15.

Technical specifications are subject to change without notice.