

Terratrac® Aebi TT55



AEBI



On the TT55, dual wheels can be fitted on the front axle as well as on the rear axle, without restricting the steering lock...



Strong axles and a robust front hydraulic system ensure excellent mowing performance.



...This was possible by extending the wheelbase. This also greatly improves the driving characteristics and the weight distribution when implements are attached.



One of the easy-maintenance sides of this 45 hp turbo-machine.

**Terratrac Aebi TT55:
the technical data.**



Engine Diesel, Kubota V 1505 Turbo, 1498 cm³, 4 cylinders, 4 strokes, water-cooled, power 33.0 kW (45 hp) at 3000 rpm according to SAE J1995 (gross intermittent); power 31.3 kW (43 hp) at 3000 rpm according to SAE J1349 (net intermittent).

Electrical equipment 12 V, 70 A alternator, 72 Ah, high-capacity, cold-start battery. Turn-off using ignition key.

Clutch Dual clutch Ø 215 mm (independent for vehicle drive and PTO shaft operation).

Transmission Reversible gearbox. Synchromesh on all gears and reverse selection. Eight forward and eight reverse gears.

Speeds With tyres: 31x15.50-15. Forwards 2.2-29.8 km/h. Backwards 1.9-25.9 km/h.

	 km/h		 km/h	
	◀	▶	◀	▶
1 st gear	7.2	6.3	2.2	1.9
2 nd gear	11.5	8.6	3.5	3.0
3 rd gang	18.6	16.2	5.7	5.0
4 th gang	29.8	25.9	9.1	7.7

PTO shafts Standard 1 3/8", 6 splines. Front and rear PTO shafts engageable under load. Rotation speeds: front 1010 rpm, rear 610 rpm. Rotation clockwise (viewed from end of PTO shaft). Max. power 28 kW (38 hp).

Axle drive 4-wheel drive with differential lock on both axles. Rear axle always engaged. Front axle can be separately engaged. Differential locking: rear and front selectable (when the differential locking lever is set to I, the differential locks automatically as soon as the wheels spin; when the differential locking lever is set to 0, the locking is automatically deactivated as soon as no load is present). 100-percent locking.

Steering Hydrostatic (priority valve) on front wheels. Turning radius left and right 3.95 m. Tighter turns possible using steering brakes.

Tyres Low-pressure Terra tyres 31x15.50-15, 4 PR. Optional extra: dual tyres on the rear and front wheels 6.50-16, 4 PR.

Brakes Footbrake: hydraulic servo-assisted drum brakes operating on all four wheels. Handbrake/independent wheel brakes: mechanical servo-assisted brakes operating on rear wheels. Asbestos-free linings.

Driver's cab Vibration-damped driver's cab. OECD-approved roll guard (ROPS) with curved front windscreen, right-hand sliding window and roof. Comfort seat.

Hydraulics Pressure 175 bar. Flow rate 24 l/min at engine speed of 3000 rpm, oil reservoir for auxiliary hydraulic cylinders 3.5 l.

Front hydraulic linkage 3-point Cat. I. Implement weight transfer using rocker switch on the hydraulics lever. Lifting power: 9700 N (970 kg). Controlled using seat valves with the functions raise, carry, lower, float position, weight transfer. Quick-action couplings on the lower link (pick-up hooks).

Rear hydraulic linkage An optional extra: 3-point Cat. I with lateral stabilizing chains and top link. Lifting power: 8500 N (850 kg). Controlled using the seat valves of the front hydraulic linkage (selectable for front or rear linkage), functions as in front hydraulic linkage.

Auxiliary hydraulics Two double-acting outlets at front and 2 single- or double-acting outlets at front and rear, selectable.

Towing attachments Trailer coupling ring Ø 26 mm, 365 mm above ground. Optional extra: Drawbar coupling with pin Ø 25 mm, 300 mm or 705 mm above ground. Trailer coupling 715 mm above ground.

Dimensions Length 3170 mm
Width 1860 mm
Height 2005 mm (without heater)
2125 mm (with heater)

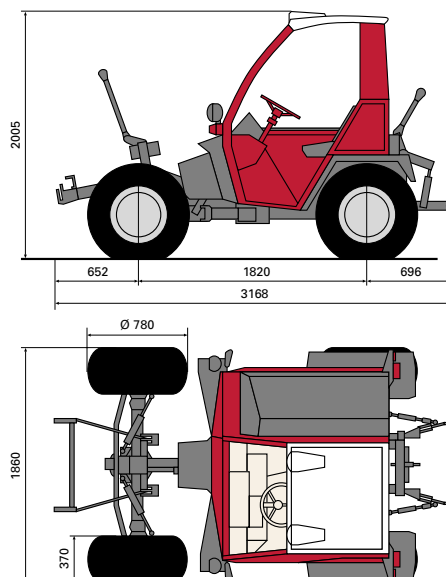
Weights Kerb weight
depending on equipment 1500-1700 kg
Max. front-axle weight 1400 kg
Max. rear-axle weight 1400 kg
Max. total weight 2400 kg
Trailer coupling load max. 300 kg
Trailer weight (with brakes) max. 3000 kg
Trailer weight (without brakes) max. 600 kg

Fuel tank capacity 27 litres

Optional equipment All-round-view cab with heater. PTO shaft with free-wheel clutch. Turf tyres 31x15.50-15, snow chains.

Technical specifications are subject to change without notice.

External dimensions (with 31x15.50-15 4 PR tyres)





The clearly laid out, ergonomically well thought-out cockpit is very spacious. From the seat, the driver can easily see everything which is happening, to the front, side and rear.



Ergonomic swivelling seat, for better performance and comfort on sloping ground.



Indispensable for professionals: the rotating warning light.



Working headlights built into the reinforced plastic roof.



Optional: with heating and built-in radio.

The best tyres to minimize damage to the ground and maximize capability on sloping terrain.



Low-pressure Terra tyres



Dual tyres front and rear



Turf tyres



The Terratrak Aebi TT55 is an outstanding implement carrier, which combines high-tech convenience with well thought-out design and robust technology.



At the rear there is a well-trieed, powerful and robust three-point hydraulic system.



Optional: all-round-view cab with heating.



The driver can get in and out quickly and easily, almost at ground level.



After just a short, intensive spell of mowing with the TT55, the driver immediately comes to trust this extremely safe work machine.



In respect of costs, this thoroughly robust implement carrier for steep sloping ground based on the classic Aebi Terratrak concept also does extremely well.

CERTIFIED
DIN EN ISO 9001
TÜV AUTOMOTIVE

Aebi & Co. AG
Farm and Public Works
Equipment
CH-3401 Burgdorf
Switzerland

Phone+41 (0)34 421 61 21
Fax +41 (0)34 421 61 51
www.aebi.com,
aebi@aebi.com

06.05 P106 400

AEBI