

TT 242 / TT 282

Slope tractor

The redesigned large Terratrac impresses with an innovative operating concept that significantly increases user-friendliness and productivity when working on slopes. The extremely powerful machine remains manoeuvrable and safe to use on any slope and offers innovative automation options that further increase working comfort and efficiency.

Highlights

- Stepless drive with **powerful hydrostatic drive** and **Automatic Drive Control (ADC)** in work mode
- Powerful lifting units with **2,000 kg (front) and 1,800 kg (rear) lifting capacity**
- Efficient and stress-free work thanks to **innovative operating concept and cruise control as standard**
- Ideally suited for demanding applications in **agriculture** as well as for **municipal applications**

Your benefits

- **Safety:** Low centre of gravity and low tare weight for safe driving in demanding terrain
- **Ecological:** Economical, clean diesel engine with ECO-Drive function for lower fuel consumption
- **Driving and operating comfort:** The new 12-inch touch display enables customised presettings and automation, while the tried-and-tested drive lever guarantees reliable control during operation
- **Productivity**: Outstanding manoeuvrability with a turning circle of just 3.3 m and automated work sequences for outstanding area coverage
- **Soil protection:** Wide low-pressure tyres and the proven all-wheel steering system prevent soil compaction and protect the sward

This document has been machine-translated from the original German version.



Forage harvest at the limit? No problem. - The TT 282 combines **off-road capability, manoeuvrability and the ability to guide heavy implements** for maximum efficiency on slopes.

This document has been machine-translated from the original German version.

Performance features

Driving characteristics

Stepless travel drive: The travel speed is infinitely variable and can be controlled either via the drive lever or the foot pedal. The hydrostatic drive generates a permanent power connection between the engine and wheels and allows the vehicle to be manoeuvred safely and precisely - even on extreme slopes.



Terrain adaptation: The front axle can twist in relation to the rear axle. This torsion enables the attachments to be adapted precisely to the terrain.

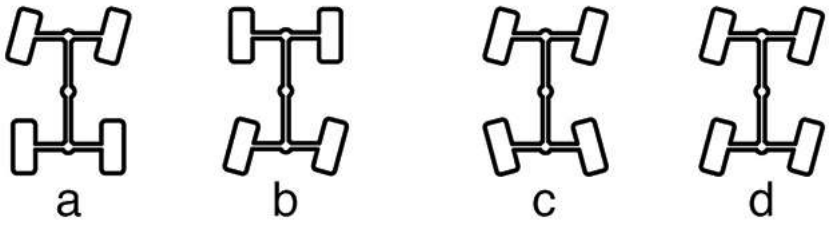
Balanced weight distribution: The weight is evenly distributed across all wheels. This increases the slope capability, protects the soil and reduces tyre wear.







Four steering modes: At the touch of a button, you can switch between front (a), rear (b), all-wheel (c) and crab steering (d) while driving. From a travelling speed of 25 km/h, the Terratrac automatically switches to front-wheel steering.



Torsen / T-Traction: The Torsen longitudinal differential ensures that the drive torque is permanently equalised on all four wheels. This protects the drive components and wheels as well as the ground and turf.

Automatic Drive Control (ADC): The ADC automatically regulates the maximum feed speed of the attachment. This means that the engine always runs in the optimum speed range to save fuel.

ECO-Drive: The engine speed is reduced while the speed remains unchanged. This results in lower fuel consumption and a lower noise level.

TipTronic: The movement range of the drive lever is proportional to the driving speed range. The maximum speed can also be limited using Tiptronic, but without restricting the movement range of the drive lever. This enables extremely precise and sensitive speed control.

Drive programmes: The four drive programmes allow precise adjustment of the speed to the attachment.

- **Road travel:** 100% of the engine power acts on the travel drive. Full tractive force already at 1,300 rpm. The desired travelling speed can be maintained via cruise control.
- **Working mode:** 30-70% of the engine power is applied to the travel drive. Full tractive force from 1 400 rpm.
- **Snow blower:** 10-20% of the engine power is applied to the traction drive. Full tractive force from 2 000 rpm.

This document has been machine-translated from the original German version.

- **Proportional**: 30-70% of the motor power acts on the traction drive. Automatic or proportional drive is selected simply by pressing a button.

Hydraulics

Front and rear linkage: The standard hydraulic output of the model series of 40 l/min can be extended to 55 l/min as an option. The powerful linkages enable the simultaneous operation of a wide range of attachments. The category I & II front linkage has a lifting capacity of 2000 kg and a standard side shift of 630 mm. The rear linkage corresponds to category II with a lifting capacity of 1800 kg. When coupling or uncoupling the attachments, the „lifting“ and „lowering“ linkage functions as well as a freely selectable control unit can be operated from the outside.





Relief hydraulics: The relief hydraulics allow the attachment to glide over the ground with freely adjustable contact pressure. Together with the laterally oscillating implement suspension, this results in precise adaptation to the terrain and guarantees clean work results.

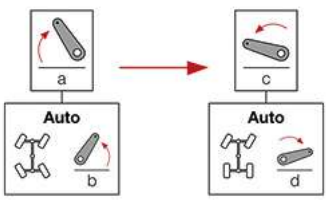




Vibration damping: The Terratrac's front hydraulics and optional rear hydraulics equalise vibrations from the mounted implements and absorb shocks. This enables faster shifting movements, improves driving safety, increases driving comfort and protects the machine.



Automated work sequences: The linkage function combines recurring work steps in an automated sequence. For example, when mowing, after raising the mower at the front (a), the machine can automatically switch on the all-wheel steering for the turn and raise the conditioner at the rear (b). If the driver lowers the front linkage again (c), the front steering is activated again and the implement at the rear is lowered (d). The couplings can be freely programmed to be simultaneous or delayed and save a lot of time when manoeuvring.



Workplace

Cockpit: The modern cockpit impresses with plenty of space and an ergonomic arrangement of the controls. Holders for the mobile phone and a drinking bottle of up to 1.5 litres are within easy reach for the driver. For even more comfort in the panoramic cab, the machine is equipped with heating, a dust filter and air conditioning as standard.

This document has been machine-translated from the original German version.

Operating concept: With the revised Vision Control operating concept, we offer the most advanced operating unit on the market for suspended implement carriers. With the modern and simple operation via the enlarged display and two keypads, many processes can be freely programmed for specific users before use. During work, the 12-inch touch display keeps the driver constantly informed of all important parameters, while the vehicle and implements are mainly controlled via the tried-and-tested control lever. In addition, certain functions can be pre-set or customised on the 12-inch touch display to facilitate operation during use.

Electro-hydraulic clutch: The transmission group can be changed quickly/slowly at the touch of a button using the electro-hydraulic clutch fitted as standard.

Comfort seat and swivelling device: For even greater driving comfort, the seat can be supplemented with an air suspension system that absorbs heavy shocks. The optional swivelling device enables the driver to sit upright on steep shift lines.





Cooling system & reversible fan: The fan intensity of the cooling system is regulated according to demand. The large radiator is easily accessible and can be easily folded up for cleaning. The optional reversible fan automatically changes the direction of rotation at intervals during operation.





Lighting: The adjustable, high-positioned work lights ensure optimum illumination of the working area. The vehicle lighting is fitted with LED lights as standard.





Pneumatic braking system: A pneumatic 2-wire braking system is available as an option for the TT 282. It ensures safe manoeuvring on steep terrain and allows a maximum trailer load of 6,500 kg.



Agricultural engineering

The TT 242 / TT 282 impresses in agricultural engineering applications:

- Mowing work
- Forage harvesting
- Litter harvesting in wet areas
- Pasture maintenance
- Fertilising







Municipal technology

In municipal technology, the TT 242 / TT 282 really comes into its own in the following tasks and areas of application:

- Maintenance of embankments and dams
- Management of parks and green spaces
- Mowing in wet areas and nature conservation areas
- Cleaning traffic routes



Winter service

As a year-round implement carrier, the TT 242 / TT 282 can also be used in the cold season with:

- Snow plough
- snow blower
- spreader



This document has been machine-translated from the original German version.

Sports facilities maintenance

The Aebi Terratracs are suitable for the maintenance of sports facilities and infrastructure:

- Maintain golf courses
- Managing football pitches and sports fields
- Maintenance of green areas in ski resorts



Tyres

The basic tyres are matched to the future terrain. This gives every machine excellent traction and optimum safety on slopes.
These properties can be further improved with dual tyres. The dual tyres can be fitted easily and conveniently thanks to quick-release fasteners.

Soil protection

The wide low-pressure tyres and additional dual tyres that can be fitted at the front and rear provide a large contact surface. Together with the low dead weight of the Terratrac, this results in low ground pressure. This protects the sward and minimises ground pressure.

Basic tyres | dual tyres | turf tyres



440/50 R17 Terra



425/55 R17 AS



440/50 R17 Terra 7.50-18/17



425/55 R17 AS 7.50-18/17



500/50 R17 Rasen

Gallery











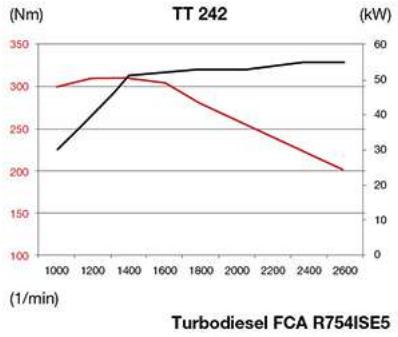


Variants

TT 242



55 kw / 75 hp
310 Nm @ 1 100 rpm
Stage V
4.5 t max. gross weight
Cruise control and innovative operating concept

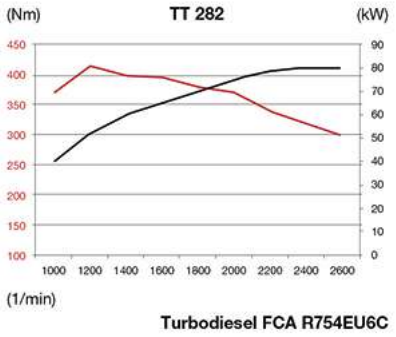


Turbodiesel FCA R754ISE5

TT 282



80 kw / 109 hp
420 Nm @ 1 100 rpm
Stage V / Euro 6c
4.5 t max. gross weight
Cruise control and innovative operating concept



Turbodiesel FCA R754EU6C

This document has been machine-translated from the original German version.

Related products

TT 206⁺ / TT 211⁺

Slope tractor



TT 241⁺ / TT 281⁺

Slope tractor





Precision in winter service - The new operating concept with **programmable work sequences** and clear 12-inch touch display makes control easier. The driver remains focussed and works more efficiently.

This document has been machine-translated from the original German version.

Technical data

	TT 242	TT 282
Chassis and tires		
Centre differential torsen	yes	yes
T-Traction	option	option
Front steering	yes	yes
All-wheel steering	yes	yes
Rear steering	yes	yes
Crab steering	yes	yes
Turning radius	3,300 mm	3,300 mm
Basic tires	440/50 R17	440/50 R17
Twin tires at front and rear	option	option
Drive system - Engine		
Engine type	FCA R754ISE5	FCA R754EU6C
Number of cylinders	4	4
Exhaust emission	Stage V	Stage V / Euro 6c
Displacement	2,970 cm^3	2,970 cm^3
Fuel	Diesel	Diesel
Performance	55 kW (75 HP) @ 2,600 1/min	80 kW (109 HP) @ 2,600 1/min
Max. torque at speed	310 Nm	420 Nm
Torque rise	24 %	43 %
Drive	Stepless hydrostatic	Stepless hydrostatic
Electrohydraulic PTO clutch	yes	yes
Diesel tank capacity	90 l	90 l
Ad Blue tank capacity	–	14 l
Hydraulic output	40 l/min	40 l/min
Electrics		
Battery capacity	100 Ah	100 Ah
Lifting gears		
Front lifting frame with side shift	yes	yes
Side shift left	315 mm	315 mm
Side shift right	315 mm	315 mm
Lifting capacity front	2,000 kg	2,000 kg
Lifting capacity rear	1,800 kg	1,800 kg
Relief and vibration damping front	yes	yes
Relief and vibration damping rear	option	option
Cabin and equipment		
Fully glazed driver's cab, heating/defrosting unit	yes	yes
Bottle holder	yes	yes
Universal box	yes	yes
Mobile phone holder	yes	yes
Document compartment	yes	yes
Radio pre-installation	yes	yes
Air conditioning unit automatic	yes	yes
On-board computer	yes	yes
Multifunctional control lever	yes	yes
Parking brake automatic	yes	yes
Speed		
Speed slow range	20 km/h	20 km/h
Speed fast range	40 km/h	40 km/h
Dimensions		
Length incl. lifting gears	4,090 mm	4,090 mm
Width with single tires	2,110 mm	2,110 mm
Width with twin tires	2,620 mm	2,620 mm
Height	2,220 mm	2,220 mm
Weights		
Empty weight	2,800 kg	2,850 kg
Total weight	4,500 kg	4,500 kg
Max. permissible front axle load	2,600 kg	2,600 kg

This document has been machine-translated from the original German version.

	TT 242	TT 282
Max. permissible rear axle load	2,600 kg	2,600 kg
Towing capacity unbraked	1,500 kg	1,500 kg
Towing capacity braked (overrun brake system)	3,500 kg	3,500 kg
Trailer brake system (pneumatic)	–	6,500 kg

aebi schmidt group

Aebi Schmidt Holding AG
Lindbergh-Allee 1
CH-8152 Glattpark, Switzerland
Phone: +41 44 308 58 00
www.aebi-schmidt.com

© Aebi Schmidt Group
All rights reserved.
Technical data is subject to change.
Illustrations are not binding.
Errors and amendments excepted.

Document created on 10 JUL 2026