

TT 207 / TT 212

Slope tractor

The new Terratrac generation offers an expanded range of performance and applications, whilst maintaining compact dimensions. The completely redesigned chassis and modern drive components combine with a consistent focus on comfort, efficiency and safety to make these new and sophisticated machines high-performance all-rounders, providing professional use on slopes of any description and municipal services of any kind.

Highlights

- **New chassis and axle design with** integrated final drives and maintenance-free wet multi-disc brakes
- **Electronically controlled hydrostatic drive** for smooth, comfortable operation without continual gear shifting
- **Significantly increased lifting capacities and** new lifting systems for more powerful attachments
- **Modern operator interface with** a 12-inch display, ergonomic armrest and further optimised all-round visibility
- **Extended hydraulic and PTO functions** for the full range of implements and all-round operational flexibility

Your benefits

- **Comfort: Noticeably** less vibration and noise thanks to the decoupled chassis and cab design.
- **Productivity:** increased power and higher lifting capacities allow the use of larger and more powerful attachments.
- **Safety: Optimised** axles, integrated wet multi-disc brakes and improved visibility ensure maximum control on any slope.
- **Flexibility:** A wide range of hydraulic, PTO and lifting system options expand the scope of applications in agriculture and municipal services.
- **Cost-effectiveness:** An efficient drive system, reduced engine speed during transport journeys and a service-friendly design with lower operating costs and maintenance requirements.

Performance features

Handling characteristics

Drive system

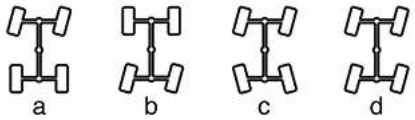
The newly-developed, electronically-controlled hydrostatic drive system ensures significantly smoother, more efficient and more comfortable driving performance. There is no need for conventional gear changes – driving is carried out continuously via the electronic hydrostatic system.

A large hydraulic motor delivers optimum torque across the entire speed range. This ensures that the tractive force remains consistently high – even under varying load conditions and on the most challenging of terrains.

Integrated wheel-hub final drives ensure direct power transmission and greater ground clearance. During transport journeys, a reduction in engine speed significantly lowers fuel consumption and noise levels. The result is a smooth ride, high tractive effort and greater efficiency – even at 40 km/h with just 1,800 min^{-1}.

Steering

During operation, you can switch flexibly between (a) front-wheel, (b) rear-wheel, (c) all-wheel and (d) crab steering. This allows the tractor to be optimally adapted to the working conditions at any time. From 25 km/h upwards, the system automatically switches to front-wheel steering, ensuring stable handling on the road.



Terrain Adaptation & Stability

The front axle can twist by 15° relative to the rear axle, thereby adapting perfectly to the most uneven of terrain. This ensures constant ground contact and allows attachments to be guided smoothly and precisely.

A balanced weight distribution across all four wheels also ensures high traction and stable handling.







Braking system

The new braking system, featuring internal wet multi-disc brakes, ensures consistent braking performance with minimal wear. The enclosed design provides reliable protection against dirt and significantly extends the service life. Automatic activation of the parking brake when the vehicle is stationary further enhances operational safety in day-to-day use.

Differential locks

Front and rear differential locks plus four-wheel drive are fitted as standard and can be engaged individually as required. This ensures maximum traction in the most difficult conditions on slopes and on loose ground.

PTO gearbox

The newly developed PTO (Power Take Off) gearbox offers a wide range of speeds and ensures maximum flexibility when using a wide variety of attachments.

- Front PTO: 540 rpm (standard) and 1,000 rpm (optional)
- Rear PTO: 540 / 750 rpm

The wet, maintenance-free multi-disc clutch is designed for high load capacity, smooth running and a long service life. The electro-hydraulic engagement is conveniently operated via the control panel and enables precise control during day-to-day work. An auxiliary hydraulic pump (45 l/min) can be optionally driven via the PTO.

Hydraulics

Front and rear hydraulics

The hydraulic system is designed for maximum flexibility. The main control block supplies up to three hydraulic connections at the front and rear. All double-acting connections can be controlled independently and feature a float position.
A motor-valve hydraulic system with a separate gear pump and a flow rate of 45 l/min at 2,700 rpm is available as an option.





Front and rear lift systems

The new front lift offers significantly greater performance and appreciably expands the range of applications. With up to 30% more lifting capacity and a lifting force of 1,700 kg, even the largest implements can be operated safely and efficiently. A parallel-guided side shift of up to 250mm on each side ensures maximum flexibility on slopes and on peripheral slope edges.

The rear lift is designed for heavy-duty applications and offers a lifting capacity of 1,700 kg (+40%). The robust design is supported by two hydraulic cylinders, ensuring optimum control and stability. The height-adjustable hitch allows for versatile applications with minimal set-up effort in every-day use.

Hydraulic load relief

The integrated relief function allows the ground pressure to be individually adjusted, ensuring that implements are guided smoothly over the ground. In combination with the dampened implement suspension, shocks are significantly reduced and ride comfort is noticeably improved. The result is smoother operation, less strain on both the driver and the machine, and consistently high-quality results.







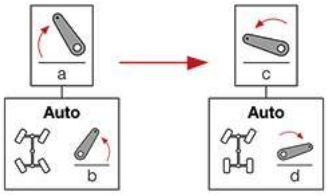
Vibration damping

The vibration damping system for the front hydraulics – and, optionally, the rear hydraulics – reduces vibrations and shocks transmitted to the machine by attachments. This ensures smooth, controlled handling under the heaviest loads, improves safety during every-day use and protects the machine.



Automated workflows

Automated workflows combine recurring functions into intelligent processes and are particuarly useful for applications such as headland management. Typical work steps can be linked together and carried out partially automatically thus making tricky tasks considerably easier.



For example, when mowing, after the front lift has been raised (a), the machine can automatically activate four-wheel steering for the headland manoeuvre and simultaneously raise the rear conditioner (b). When the front linkage is lowered again (c), the front steering is automatically disengaged and the rear implement is lowered once more (d).

These linkages can be freely programmed to occur simultaneously or with a time delay. This form of headland management system reduces the need for manual intervention, making turning manoeuvres easier and ensuring a smooth, efficient workflow in day-to-day use.

Workplace

The driver's cab in the Aebi TT 212 has been completely redesigned and optimised for ergonomics, visibility and intuitive operation. The design is tailored to the new generation of Aebi vehicles and follows the concept of the Aebi TP 470 Vario and the Aebi TT 242 and TT 282.

Cockpit

The cockpit features a refined and sophisticated cab layout with generous glazed areas and minimal obstructions to the view. This provides the operator with an excellent all-round view of the working area and front and rear attachments. The newly-developed climate control system with optimised air distribution, ensures additional comfort. The air is directed precisely, ensuring a consistent and comfortable cabin climate in both summer and winter.





Decoupled cab structure

The cab and radiator structure are decoupled from one another, which significantly reduces vibrations and noise. Ride comfort is noticeably improved and driver fatigue is reduced during long shifts.

Control concept

The new operating concept is based on a 12-inch touchscreen display as the central control unit. It is complemented by two ergonomically positioned control keypads and the Aebi drive lever integrated into the armrest. The system logic is identical to that of the new Aebi platform, which ensures a quick learning curve and intuitive operation across different vehicle classes.







Comfort seat & swivel mechanism
The comfort seat is designed for long working days and offers a wide range of adjustment options for an ergonomic sitting position. This, in combination with the swivel mechanism, means the workstation can be optimally aligned to the direction of work.

Cooling system & reversible fan
The new cooling system with hydraulic fan drive keeps temperatures stable even under sustained heavy loads. As an option, an automatic reversing fan cleans the cooling system at regular intervals, reducing maintenance requirements and increasing operational reliability.



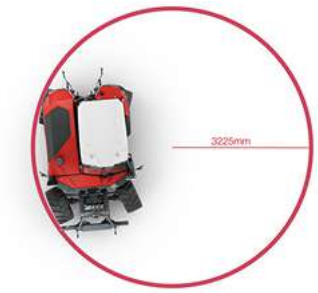
Lighting
The latest generation lighting system illuminates the entire working area so that the slope tractor can still be used safely and efficiently even in the dark. The clear illumination aids precise working and enhances safety during every-day use.







Tyres
Various tyre options are available for the Aebi TT 207 and TT 212 to suit different operating conditions. The compact tyres ensure excellent manoeuvrability and a small turning circle of just 3.225m.
The optional large tyres improve traction, driving safety and ground protection on slopes. Twin tyres can also be fitted for additional traction while quick-release fasteners make fitting easier.



The following tyre options are available:
- 31x15.50-15 Terra
- 31x15.50 R15 AS
- 33x15.50-15 Terra
- 33x15.50 R15 AS
- 400/50 R15 Lawn

Soil protection
The wide, low-pressure tyres, with the option of fitting twin tyres front and rear, provide a large contact area. Combined with the low kerb weight, this results in very low ground pressure, protecting the turf and minimising soil compaction.

Agricultural machinery
The TT 212 is designed for a wide range of agricultural applications. The compact design, high efficiency and low centre of gravity ensure safe and productive operation with a wide variety of attachments suitable for:
- Forage harvesting and grassland management
- Use on slopes and steep terrain
- Transport and farmyard work





Municipal engineering

The Aebi TT 207 and TT 212 are designed for year-round municipal use in landscaping and maintenance. High area coverage, a wide range of attachments and quick attachment changes support efficient work across a wide variety of terrains and tasks including:

- Maintenance of embankments and dykes
- Management of parks and green spaces
- Mowing in wetlands and nature conservation areas
- Sports ground maintenance

Winter maintenance

Both the Aebi TT 212 excels in winter maintenance situations thanks to their high performance, versatility, compact design and quick attachment changes. This makes them ideally suited for a wide range of winter maintenance tasks, operating as:

- Snow plough
- Snow blower
- Spreader





Service

Maintenance and servicing are particularly easy on both the Aebi TT 207 and TT 212. Centralised service points and a clearly laid-out engine compartment provide quick access to all relevant components. This simplifies daily checks, shortens service times and reduces downtime – ensuring high operational availability and efficient servicing at the dealer.

Discover even more about the TT 212

Discover what sets the new generation of the Aebi TT 212 apart. Find out more about its key innovations, developments and improvements – explained clearly and concisely.

www.aebi-schmidt.com/tt212



Gallery







Variants

TT 207



Full Terratrac performance, high lifting capacities and a robust vehicle chassis – with equipment focused on the essentials.

TT 212



Extended standard equipment and high device flexibility – for particularly versatile professional applications.

Related products

TT 206⁺ / TT 211⁺

Slope tractor



TT 241⁺ / TT 281⁺

Slope tractor



TT 242 / TT 282

Slope tractor



Technical data

	TT 207	TT 212
Chassis and tires		
Differential lock, front/rear axle	yes	yes
Front steering	yes	yes
All-wheel steering	yes	yes
Rear steering	yes	yes
Crab steering	option	yes
Turning radius	3,225 mm	3,225 mm
Basic tires	31x15.50-15	31x15.50-15
Twin tires at front and rear	option	option
Drive system - Engine		
Engine type	Kubota V2607-CR-T-E5	Kubota V2607-CR-T-E5
Number of cylinders	4	4
Emissions standard	Stage V	Stage V
Displacement	2,615 cm^3	2,615 cm^3
Fuel	Diesel	Diesel
Rated power	55.4 kW (75.3 HP) @ 2,700 1/min	55.4 kW (75.3 HP) @ 2,700 1/min
Max. torque at speed	225 Nm @ 1,600 1/min	225 Nm @ 1,600 1/min
Torque rise	16 %	16 %
Drive	Stepless hydrostatic	Stepless hydrostatic
Electrohydraulic PTO clutch	yes	yes
Diesel tank capacity	72 l	72 l
Hydraulic output	34 l/min	34 l/min
Linkages		
Front lifting frame with side shift	option	yes
Side shift left	250 mm	250 mm
Side shift right	250 mm	250 mm
Lifting capacity front	1,700 kg	1,700 kg
Rear linkage	option	yes
Lifting capacity rear	1,700 kg	1,700 kg
Load relief and vibration damping front	yes	yes
Load relief and vibration damping rear	option	option
Cabin and equipment		
Fully glazed driver's cab with heating and de-frosting unit	option	option
Bottle holder	yes	yes
Universal box	yes	yes
Radio preparation	yes	yes
Air conditioning unit automatic	option	option
On-board computer	yes	yes
Multifunction control lever	yes	yes
Speed		
Forward speed	40 km/h	40 km/h
Dimensions		
Length incl. lifting gears	3,833 mm	3,833 mm
Width with single tires	1,979 mm	1,979 mm
Width with twin tires	2,478 mm	2,478 mm
Height	2,098 mm	2,098 mm
Weights		
Empty weight	2,100 kg	2,100 kg
Total weight	3,900 kg	3,900 kg
Max. permissible front axle load	2,200 kg	2,200 kg
Max. permissible rear axle load	2,200 kg	2,200 kg
Towing capacity unbraked	1,100 kg	1,100 kg
Towing capacity braked (overrun brake system)	3,500 kg	3,500 kg

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