

**AEBI**

# TT281

**Terratrac**

**109 PS / 420 Nm**

**highest lifting capacity**

**Made for any terrain**







A brand of **ASH**

# Terratrac TT281

## Technical data

### Engine

VM R754EU6, 2970 cm<sup>3</sup>, 4 cylinder diesel with turbocharger, water cooled, intercooler, stage IV, Common Rail, 80 kW (109 PS) at 2600 rpm acc. to ECE R24, max. torque 420 Nm at 1100 rpm, torque rise 43%, Diesel particle filter, SCR and AdBlue.

### Electrical equipment

12 V, 100 Ah battery, 180 A alternator.

### Transmission

Infinitely variable hydrostatic drive, with two mechanical transmission speeds.

### Speed

0- 40 km/h.

### PTO shafts

Standard 1 3/8"; 6 splines, dry single-plate clutch operated electro-hydraulically, can be engaged and disengaged under load, Speeds: Front 540 and 1000 rpm, rear 540 and 750 rpm, front and rear independently pre-selectable. Direction of rotation: clockwise.

### Axle drive

Permanent 4-wheel drive with Torsen inter-axle differential and fully lockable differentials in the front and rear axle, operated electrohydraulically. Option: T-Traction.

### Steering

Hydrostatic 4-wheel steering, switchable to front-wheel steering, rearwheel steering or crab mode steering by pushbutton control, change of steering mode as required with automatic detection and synchronisation of wheel positions via inductive sensors. Turning radius with all-wheel steering: 3.3 m.

### Tyres

440/50 R17 Terra, 425/55 R17 AS, 500/50 R17 turf.

### Brakes

Hydraulic twin-circuit servo foot brake operating on all wheels; in addition, hydrostatic driving brake. Automatic spring-loaded parking brake on the rear axle, hill holder, inch pedal.

### Driver's cab

Dustproof, vibration and noise damped comfort cab on rubber elements with safety frame (tested to OECD Code 4), rear screen can be opened, curved front windscreen, integrated automatic air-conditioning system, multi-adjustable comfort seat with safety belt, modern dashboard with analogue indication and colour display, direction-indicator control with automatic reset, bottle holder, universal box, document box, mobile phone support, radio preparation (antenna, two speakers), 12 V power socket, steering column adjustable in length and inclination, plastic roof with integrated working headlights, LED tail lights.

### Operation

Ergonomically designed, multifunctional traction lever with colour guidance, functional control via buttons, individual key programming possible, intuitive colour display, operation of the heating and automatic air-conditioning system as well as of operational procedures such as the connection of the front and rear lifting equipment via multifunctional display, electronic hand throttle with memory function, four driving modes: road travel, mowing, snow blowing, proportional, Eco-drive for road travel and mowing, TipTronic for six drive speed stages, automatic drive control (ADC).

### Hydraulics

Proportional valves, delivery rate 40 l/min at 2600 1/min, pressure 200 bar.

### Front hydraulic linkage

3-point Cat I + II, hydraulic lateral displacement 650 mm, quickconnection capture sockets and top link, with controllable multifunction drive lever. max. lifting force 2000 kg, automatic calibration, self-regulating weight transfer and vibration absorption for road travel.

### Rear hydraulic linkage

3-point Cat. II, raising, lowering, carrying, floating setting, max. lifting force 1800 kg, quick-attach hook, ball bushing Cat. I/II and II.

### Auxiliary hydraulics

Four supplementary hydraulic connectors at front and rear, doubleacting with floating-setting.

### Drawbar

Height adjustable, height above ground 339 to 939 mm.

### Dimensions

Length	4090 mm
Width	2110 mm
Height	2220 mm

### Weights

Kerb weight empty	2850 kg
Permissible front axle weight	2600 kg
Permissible rear axle weight	2600 kg
Permissible total weight	4500 kg
Trailer weight (without brakes) max.	1500 kg
Trailer weight (with brakes) max.	3500 kg
Hitch load max.	600 kg

### Tank capacity

Fuel tank	90 l
Ad Blue tank	14 l

### Optional equipment

Wipomatik rotatable seat, inclination sensor, front Cardan shaft, flashing alarm lamp, rear working headlights, double tyres at front and rear (7.50-18) with quick fasteners, height adjustable trailer coupling, snow chains, self-regulating weight transfer and vibration absorption, additional hydraulic connections 5, front and rear: doubleacting with, additional hydraulic connections 10, front and rear: doubleacting with floating-setting. Additional hydraulic connections 8 motor valve, rear singleacting with pressureless tank pipe, pressureless tank pipe at the rear, traction lever integrated in armrest, Smart Navigator, reversing gear, front power take-off, additional keyboard, reversible fan, hydraulic pump 55 bar, LED light package, rear window wiper.

Photos are without obligation. Technical specifications are subject to change without notice.

