

KommunalTrak Aebi KT65



AEBI

Save on environmental maintenance where it makes sense: below the bottom line.

The KommunalTrak Aebi KT65 incorporates the many years of experience of the manufacturers of public works and municipality vehicles. The multi-function implement carriers from Aebi particularly take the load off the municipalities and public works departments which would much prefer to have a single vehicle for many purposes rather than have various specialised machines that sit in the shed and collect dust. With the Aebi KT65, the KommunalTrak quick-change system permits a range of implements to be interchanged in just a few minutes. Whether for winter service, summer service, for environmental maintenance or even as a forklift, the Aebi KT65 convinces with its safe and uncomplicated operation, its unique manoeuvrability and its high level of comfort for the driver. A workhorse that pays off for all applications.





KommunalTrak Aebi KT65. Thanks to the ingenious center-pivot steering and the very best of all-round visibility, it is a real 'Figaro' when it comes to grass cutting, snow blowing or snowploughing.

Short, manoeuvrable and thanks to the independent rear suspension (swing axle) it can even be used on pavements, avoiding all obstacles in its own elegant manner. With the center-pivot steering and the clever front-mounting concept, it offers perfect all-round visibility and thanks to its exemplary, true tracking leaves the driver free to concentrate fully when mowing, sweeping or snow clearing.

Aebi. The name behind the trademark has for many years stood for innovative technology, outstanding design and top quality. In the field of vehicles for agriculture and environmental maintenance, Aebi has become a byword for performance, operational safety, ease of maintenance and long service life with its single-axle tractors, multi-function implement carriers, multi-purpose tractors and four-wheel drive transporters. Leading technology and economical advantages, a long guarantee and a comprehensive service offering, ensure that the investment is returned over and over again. Aebi, progress as a tradition.

Aebi KT65. From professionals for professionals. Outstanding technology in excellent design.

The KommunalTrak KT65 wants only to be what it really is. A professional working machine that day by day performs without compromise. Economical, manoeuvrable and service-friendly.



The environmental maintenance worker's friend.

The multifunctional capabilities of an Aebi KT65 would cause even a James Bond to brood. For example, the Aebi KT65 mows and clears any type of grassed area with the rotary mower deck and the vacuum container, from awkwardly shaped parking areas to perfectly flat football fields. With the sweeper brush and water spraying attachment it cleans roads and pavements, footpaths or squares in the twinkling of an eye. In winter some of its special strengths are the clearing of snow from roads and footpaths using a snowplough or a snow blower and making them safe using a salt or grit spreader. The KommunalTrak Aebi KT65 knows virtually no limits: as a forklift, dumper, shredder and so on.



Some advantages upon which you can capitalise.



Easy access:

The best accessibility in its class ensures safety during a long, hard working day. Since more convenience is less tiring for the driver, he is able to concentrate fully on his work.



As quick as a flash:

As the standard model capable of 25 km/h or 30 km/h.



A lean line:

Depending on the tyres the track is 958-1145 mm and the overall width is 1190-1500 mm.



Visibility for safety:

Carefully designed visibility, outstanding soundproofing, air cushioned and adjustable seat, air conditioning and much more turn the driver's cab into the most comfortable work place. Thanks to the ergonomically arranged operating elements on the multi-function lever, one-handed infinitely variable driving both forwards and backwards is possible and at the same time it allows all hydraulic functions to be electrohydraulically controlled.



Flexible implement connection: The 3-point front hydraulic lift (Cat. I) can be adjusted rapidly to suit the available Rasant implements.

In the same way that the processing takes every detail into account, so the engineers at Aebi also take every detail into account when they design their machines. A technology that does full justice to the hard working routine, a concept that permits various components to be combined with different machines and a quality management that guarantees a long service life.



The unique turning circle:
The proven and extremely stable center-pivot steering permits unique inner and outer turning circle radius of 0.9 m and 2.3 m respectively.



True tracking:
The torsion-free center-pivot steering provides not only manoeuvrability but also true tracking – a safety factor that, when at work, is not to be underestimated.



A completely new slant:
Thanks to its intelligently designed steering, the Aebi KT65 remains on track even at full lock. This is made possible through its unique center-pivot steering, the independent suspension with stabilisers and the low center of gravity permitted by the four-wheel hub motors.



Equally ingenious both front and rear:
Double acting front and rear hydraulics with a floating position makes the Aebi KT65 really multifunctional. This also includes implement weight transfer at the front and the KT quick-change system for the implements.



Powerful and environmentally friendly:
The four-cylinder diesel turbo motor from Kobuta is a large series engine that carries out its duty powerfully, day after day, and is economical to maintain. Naturally it meets all relevant European standards (e.g. EURO 2) and limits.



The driver's cab, which offers the best possible visibility, is not only air-conditioned but is also soundproofed. In addition, like the loading platform it can also be tilted in order to give free access to the various points for servicing work.



**KommunalTrak Aebi KT65:
the technical data.**

Engine	Kubota 2-liter Turbo diesel engine V2003-M-T with 44 kW (60 hp) SAE J1995 at 2800 rpm, max. torque of 165 Nm at 1600 rpm, 97/68 EG stage II. Option: diesel particle filter.
Electrical system	12 V, battery 74 Ah, electric starter.
Transmission	Infinitely variable hydrostatic transmission, permanent all-wheel drive with automotive transmission. Permission pump through 4-wheel hub motors.
Speed	Infinitely variable from 0–25 km/h. Option: 30 km/h.
Steering / turning circle	Smooth-running, hydraulic (load sensing), extreme stable and true tracking centre-pivot steering, up to 53° steering look on both sides; turning-circle radius: inner 0,9 m, outer 2,3 m.
Tyres	AS-/turf profile, Turf Special profile, winter tyres, front and rear: 26x12.00-12 NHS turf profile.
Brakes	Mechanical foot brake and parking brake on front wheels with hand lever.
Chassis	Torsion-resistant, self-supporting chassis hot-dip galvanised, engine and hydrostatic transmission mounted on Silentbloc bushes. Rear axle: "independent suspension" (swing axle).
Cab	Modern styled, vibration-damped, low-noise driver's cab with safety features and comfortable entry area. Perfect panoramic view through green tinted generous glass areas. Comfortable centre-mounted seat. Heater and defroster are included in the dashboard. The access door and the hinged side door on the right side are tool free removable. Option: air-conditioning, electrically heated, laminated glass, front screen, electrically heated wing mirrors.
Loading platform	Carrying capacity 0,32 m ³ ; tipped hydraulically.
Paint finish	Traffic orange RAL 2009, base frame galvanised.
Front hydraulics	3-point cat. I, double acting with float function, hydraulically implement weighttransfer and vibration damping, sink throttle, quick-change implement coupling system, lifting power 1200 kg.
Rear hydraulics	Option: double acting hydraulic system with float function. Lifting range: 110–440 mm from the ground. Lifting power: 650 kg. Electro-hydraulic operation.
Hydraulic system	Pressure 175 bar. 22 l/min for working hydraulics and steering.

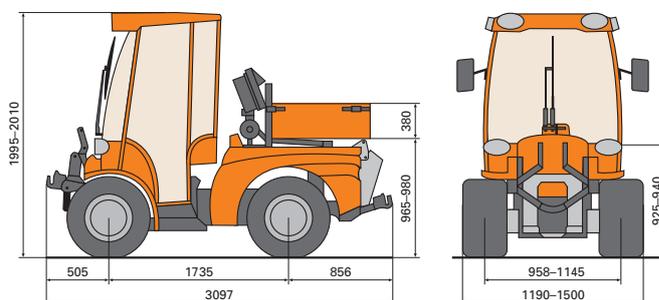
Water connection	Front/rear with quick-change coupling.
Auxiliary Hydraulics	Electrohydraulic operation on multifunction lever, hydraulic coupling 2 and 3, DWF, double acting, front, each with 2 plug-type connections front, hydraulic coupling 4, DWH, double acting, rear, with 2 plug-type connections rear. Option: hydraulic coupling 5, DWF, double acting, front with 2 lug-type front. Separate adjustable flow rate hydraulic control circuit, constant oil flow rate – independent from working hydraulics, separate hydropump 50 l/min for external oil motor. (Motor circuit with (continuous-automatic stop function).
PTO shaft	1 ³ / ₈ " , 6 splines, 1000 rpm at 2550 rpm. Direction of rotation: clockwise, viewed from the end of the PTO shaft. Electrohydraulic PTO shaft clutch. Option: anticlockwise front PTO shaft 540 rpm or hydraulic rear PTO shaft clutch.
Cooling	Large radiator at the rear, double oil cooler with electric cooling fan, air-conditioning.
Trailer hitch	Tow bar with either ball hitch or Rockinger (depending on the execution). Drawbar load: 100 kg to 300 kg. Maximum permissible trailer hitch weight: unbraked 980–1200 g, 2400 kg braked (depending on the execution).
Weights	Weight with cab 1555 kg Maximum permissible weight 3400 kg Permissible front-axle load 1800 kg Permissible rear-axle load 1900 kg

Dimensions	According to tyres Overall width 1190–1500 mm Overall height 1995–2010 mm Wheel base 1735 mm Track 958–1145 mm
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Tank capacity 42 l

Optional equipment On request.

Technical specifications are subject to change without notice.



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