

KommunalTrak Aebi KT80



AEBI

Potential use: 365 days a year.

The KT80 never tires, regardless of the task. With the comprehensive and specifically designed range of accessories, this KommunalTrak becomes the universal all-year-round machine. For example, you can use the KT80 as a fork lift, with a rear-mounted excavator, a three-sided tipper, a rotary deck mower, a long-reach flail mower, a grass collector, a compost shredder or a road-sweeping machine – and in winter as a snow-plough, a snow blower or a grit spreader.

And you will also not tire at the wheel of the KT80. Since it is very comfortable and air-conditioned, and with the multifunction drive lever also simple to operate. Additionally, the permanent hydrostatic four-wheel drive and the hydrostatic four-wheel, front-wheel, rear-wheel or «crab mode» steering make work a real pleasure.





Whatever originates from Aebi is good.

We have built a name for ourselves with high-quality implement carriers and multi-purpose tractors. In addition, we have become a hallmark both in respect of technical innovation and of economical quality benefits. Whatever we develop and manufacture offers above

all very high performance, operational safety, ease of maintenance and a long service life.

But we are also a leading company for four-wheel drive transporters and single-axle machines. However you look

at it, Aebi is simply Aebi. And that also always means technical and economical advantages,

long-term guarantee and high resale value, and comprehensive service support.

KommuTrak KT80. Narrow it down to a broad range of tasks.

For the maintenance of grasslands and grounds, for street-cleaning work and for winter services, the KT80 is precisely right for the job. Since it can be used the whole year round. Today for this task, tomorrow for that. Optimally adapted to the public works authorities' seasonal requirements.

The KT80 is child's play to manoeuvre and simple to operate. It convinces through its modern concept and its technical perfection.

All in all a price/performance ratio that's correct, all along the line.

KT80.

**With a width of just 1.35 metres,
uniquely manoeuvrable and
efficient.**







Dual-level, jib-axle gearbox at front and rear. Hence the large ground clearance of 28 cm.



Turf tyres as an alternative to general-purpose tyres.



Front and rear three-point, Cat. I hydraulic linkage with implement weight transfer and the Aebi quick-fit implement connecting system. The power take-off drive (PTO), which can be engaged under load, can function at various speeds on both sides.

Easy switching between front-wheel steering, rear-wheel steering, four-wheel steering or «crab mode» steering thanks to electrohydraulically controlled four-wheel steering with load-sensing system.

**KommunalTrak Aebi KT80:
Technical data.**

Engine	State-of-the-art, low emission, low noise, water cooled 4 stroke, 4 cylinder, 3318 cm ³ diesel engine with turbocharger, Kubota V 3300 TE, with 12-valve-technology, satisfies all environmental requirements (exhaust and emission regulations) according to ECE R24/03 and No. 97/68EG (TÜV approval in Germany).	Front hydraulic lift	Double acting, Cat. 1 front hydraulic frame, quick-action coupling system without the use of tools.
Torque	(SAE J1349) 285 Nm / 1400 rpm. Torque increase 24%.	Implement weight transfer	As standard: an infinitely adjustable weight transfer, pressure-regulating valves and manometer.
Rating	(SAE J1349) 61,9 kW (83 HP), 2600 rpm.	Rear hydraulic lift	Optional: Detachable, double acting, Cat. 1 and 2 rear-mounted hydraulic unit, quick-action coupling system without the use of tools.
Electrical equipment	Battery 12 V 95Ah, alternator 90 A/1080 W, electrical starter.	Lifting power	Front: 1100 kg; rear: 1000 kg
Front axle	Robust portal axle with a large swivel/range, dual central bearings, maintenance-free adjustable king pin bearings (tapered roller bearings), large ground clearance, large swing range with hydraulic damping, constant velocity steering cylinder, steering lock 35°.	Lifting height of the hydraulic lift	Front 710 mm, rear 710 mm
Rear axle	Same as front axle but fixed rigidly to the frame.	Hydraulics	Tandem hydro-pump, pressure 175 bar. 21 l/min for working hydraulics and steering (priority valve), 43 l/min controlled motor circuit, 29 l/min for cooling fan.
Transmission	Permanent hydrostatic four-wheel drive, infinitely adjustable speed control using the multi-function control lever, forward and reverse, hydrostat with automotive transmission control and two stages can be switched under load	Auxiliary hydraulics	Standard equipment: electro hydraulic operation from the multifunction lever, 2nd control circuit double-acting with floating position and seat function, 3rd control circuit double acting with floating position, 2nd and 3rd control circuit each with 2 plug connectors at the front and rear, 4th control circuit double-acting with floating position with 2 plug connectors at the front, separate hydraulic control circuit with adjustable flow rate, constant oil flow – independent of the working hydraulics up to a max. of 43 l/min for external oil motors with constant displacement, electro hydraulic operation from the dashboard, tank return filter and high-pressure filter for drive hydraulics. Option: 5th control circuit, double-acting, 2 plug-type connectors at the front.
Speed	1 st stage: From 0 to 18 km/h 2 nd stage: From 0 to 40 km/h	Front and rear PTO shafts	1 ³ / ₈ " , 6-section, 540/750 RPM at 2350 engine RPM. Front and rear PTO shafts can be switched separately under load at different speeds. Option: 1000 RPM instead of 750 RPM (only available as original equipment).
Differential lock	Front and rear 100% lockable differential locks electro-hydraulically pre-selectable using optical controls on the dashboard. Interaxle differential 100% lockable electro-hydraulically pre-selectable using optical controls on dashboard.	Trailer coupling	Optional: Swivelling, height-adjustable trailer coupling.
Steering	Smooth, hydrostatic load sensing system with a choice of steering modes: all-wheel steering, front wheel steering, rear wheel steering or crab steering	Support load	400 kg
Turning radius	1600 mm inside diameter.	Admissible trailer weight	Braked 3495 kg, without brakes 2445 kg.
Brakes	Service brake: hydrostatic drive transmission; in addition a foot brake acting on the front and rear wheels.	Tyres	Standard 255/75 R15 M&S Optional: Turf tyres Galaxy 27/14 LL-15 6TL
Chassis	Torsion-resistant self supporting chassis; engine, PTO gearbox, hydrostat and transmission mounted on silent blocks.	Weights	Weight with cab 2390 kg Total weight 3495 kg Permissible front-axle load 2100 kg Permissible rear-axle load 2100 kg
Driver's cab	Vibration-damped, low-noise 2-person safety cab, OECD-tested, can be tipped hydraulically, with tinted glass, all-round view, large access door on both sides, front and rear windscreens can be opened outwards, heater and defroster, windscreen washer, front and rear windscreen wipers. Optional extras: air conditioning, heated front windscreen.	Dimensions	Total width (according to tyres) 1350–1450 mm Total length 3389 mm Wheel base 2115 mm
Load platform	Tipped hydraulically to the rear, loading volume 0.6 m ³ . Serves as a basis for piggy back attachments. Removable sidewalls, loading height above ground with standard tyres 950mm, lifting tailgate height 500 mm.		
Paintwork	Public works orange RAL 2009. Optional: Special paintwork.		Technical specifications are subject to change without notice.



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

6.05 P89 3000

AEBI