

Выравниваемые испытательные стенды ЛТВ 100/300



Архангельск (8182)63-90-72
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LTB 100 and 300: professional test bay without lift

LTB 100 and 300 – advantages:

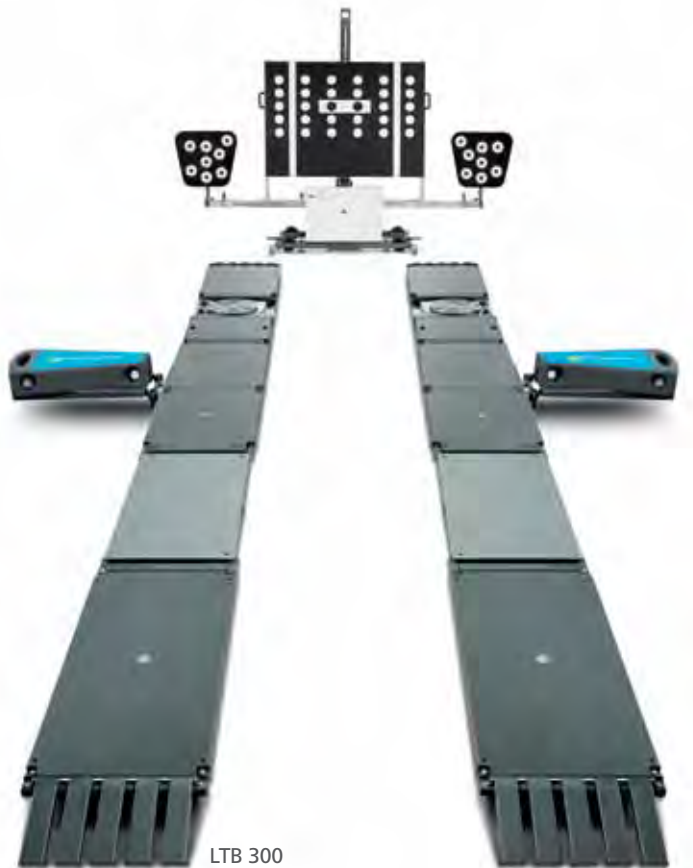
- Ground-based solution as a leveled alternative to lifts (economical, space-saving, maintenance-free)
- Practical retrofit solution for uneven workshop floors
- Particularly suitable for installation on workshop pits
- Modular design
- Drive-through solutions for vehicle check-in (option)
- Fine adjustment and high-precision wheel alignment measurements
- Robust thanks to KTL powder coating
- Maximum load per axle: 2.5 t, run-over load: 5 t
- Minimum construction size: 54 mm
- Height compensation of up to 40 mm
- Wheel alignment for wheel bases of up to 4325 mm

LTB 100:

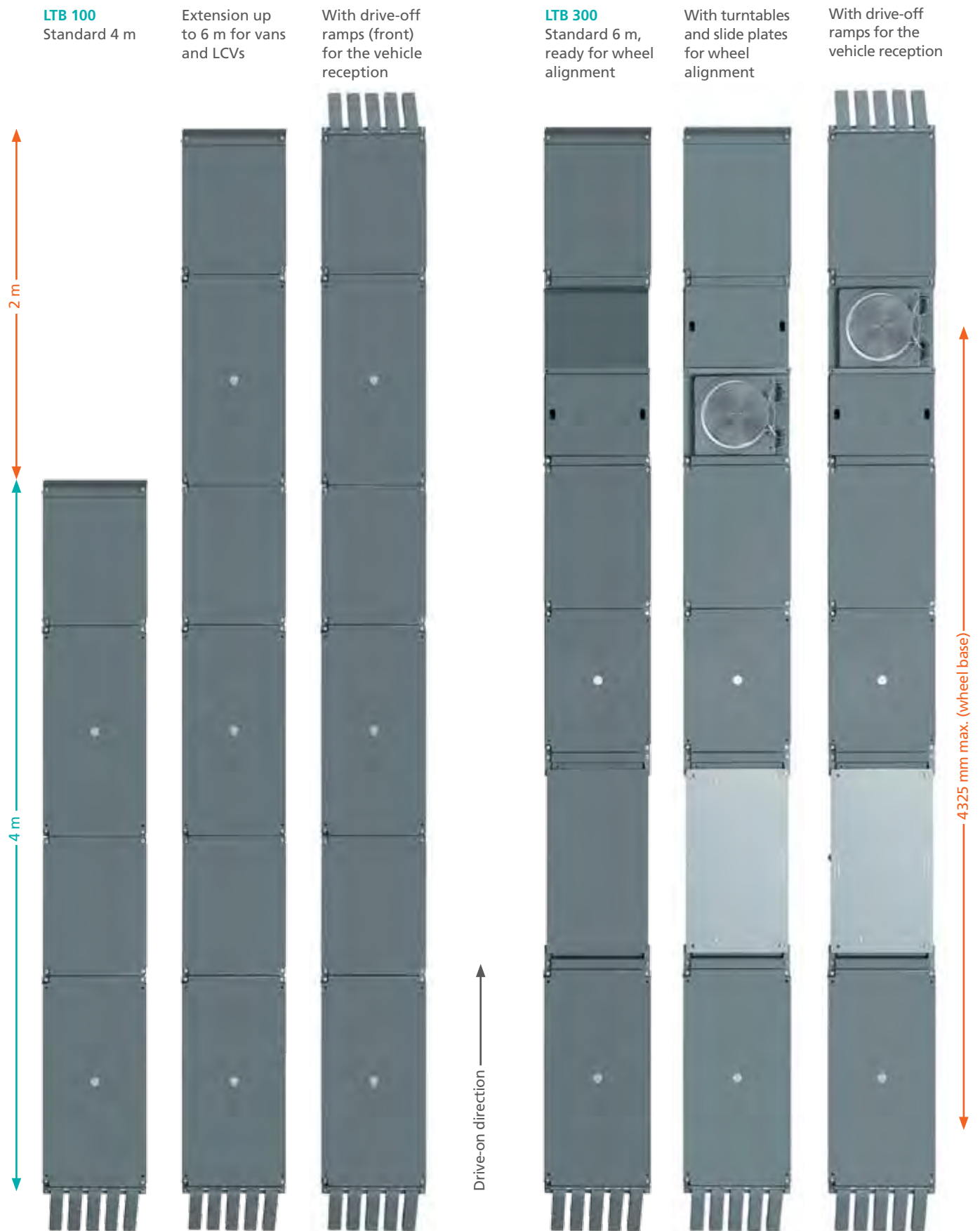
Your test bay for headlight testing

LTB 300:

- Headlight testing
- Wheel alignment
- Adjustment of driver assistance systems (DAS)



LTB 100 und 300: the right modules for your workshop



Schematic comparison of the different versions with one lane each (for sizes, please see page 15)

LTB 100 for headlight testing: I

Since January 2016, workshops in Germany have to comply with the new general-inspection headlight test guideline :

- By law, a permanently fixed and marked headlight test bay has to be designated.
- The test system described at the guideline is defined by the vehicle set-up area and the headlight tester.

- All set-up surfaces must be even.
- Every two years, the system is to be checked by an expert.
- Provisions made to safeguard existing systems apply until 2017 only.

In line with the guideline: LTB 100 – test bay for headlight testing.
(2 versions: 4 and 6 m)





LTB 100: Standard scope of delivery of the 4 m version (illustration with rail-guided digital HTD 815 headlight tester)

Combination for headlight testing: LTB 100 and HTD 815 headlight tester

- For all light sources and glare-free high-beam systems (DLA*, Matrix)
- TÜV-certified (type approval)
- Cross and alignment laser
- Integrated printer
- Accurately defined cut-off line without blue fringe

** Dynamic Light Assist

Bluetooth



Visualization on workshop PC (optional)



All surfaces must be even:
leveled rail system.



Video and more:



LTB 300: universal Beissbarth work bay

Headlight testing, wheel alignment and adjustment of driver assistance systems in a *single bay*

- Fine-adjustable working area for high-precision measurements
- Turns uneven workshop floors into fully-fledged test bays complying with the requirements of the guideline
- Combination of wheel alignment, headlight testing and DAS alignment



LTB 300: basic standard scope of delivery



LTBS 300 with shown on the left wheel-alignment equipment for the vehicle reception: with turntables rear slide plates (light gray) and drive-off ramps (leftmost).



Basic scope of delivery: positioning socket for turntables (incl. 1 filling element)



Optional: with turntables



Optional: adapter set for Easy 3D+ 3D wheel alignment



Headlight testing



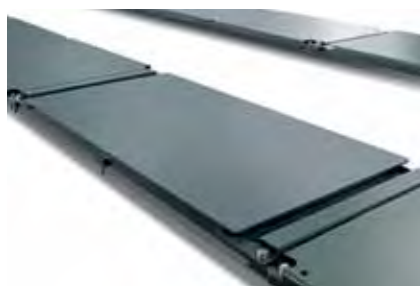
Wheel alignment



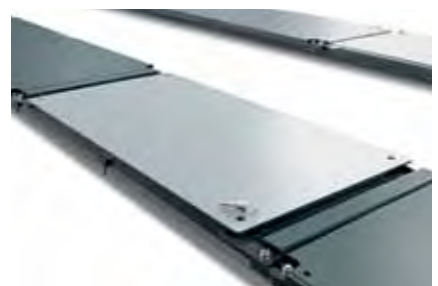
Adjustment of driver assistance systems



Adapter set (detailed view)



Basic scope of delivery: positioning socket for turntables (incl. filling element)



Optional: with slide plates

Modular design for all sizes:

Wheel alignment on LTB 100/300

Versions with a length of 6 m for wheel bases from 1 810 up to 4 325 mm (incl. rolling distance and run-out), Head light testing also for larger wheel bases.



Positioning base for two turntable positions: for easy adjustment to different wheel bases

LTB 100 and 300: modular design

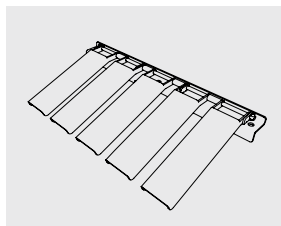
LTB 300



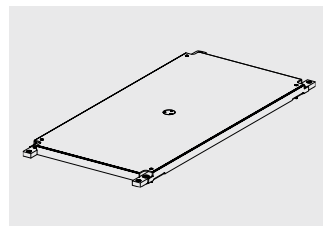
LTB 100



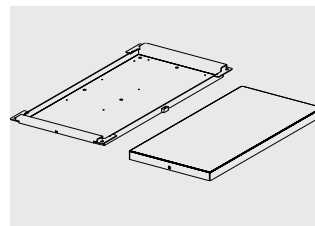
* Rounded length specifications. Depending on the design, the actual LTB overall length can vary some mm. It results from the final installation size (height of the set-up area/ slope of the ramps) and the tolerances at the gaps between the modules (2 – 5 mm). For additional information on this topic, please have a look at the technical documentation or at the installation instructions. The (module 1) drive-on – or optionally drive-off – ramps (both of them identical ramps) are installed in a manner partially supported by the LTB they extend by some 250 mm net. The (40 mm) roll-off protection (module 8) is fully supported by the LTB and has thus no influence on the overall length.



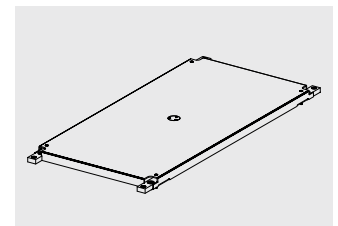
1 Drive-on ramp



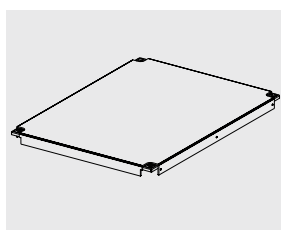
2 Wheel alignment element



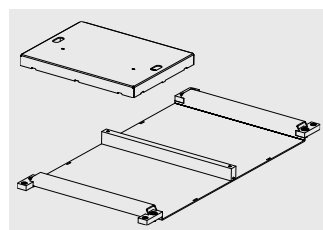
3 Slide-plate socket (incl. filling element)



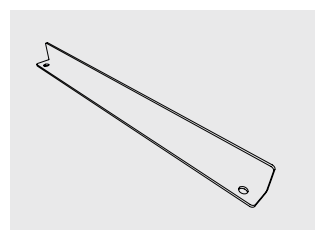
4 Wheel alignment element



5 Center ramp



6 Turntable socket (incl. filling element)



7 Roll-off protection

LTB modules

Module No.	Designation	Length in mm	LTB 100 (4 m)	LTB 100 (6 m)	LTB 300 (6 m)
1	Drive-on ramp*	250	2	2	2
2	Wheel alignment element L	1200	4	6	2
3	Slide-plate socket (incl. filling element)	1215	–	–	2
4	Wheel alignment element S	800	–	–	2
5	Center ramp	800	4	6	4
6	Turntable socket (incl. filling element)	1050	–	–	2
7	Roll-off protection*	40	2	2	2



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