

Telescopic Handlers TL 435-10 - TL 442-13

Litronic®

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Product Information

Applications in the
building industry



LIEBHERR

Courtesy of Crane.Market

Telescopic handlers

Liebherr telescopic handlers are available in four versions with lifting heights from 10 to 13 metres and load capacities from 3.5 t to 4.5 t. With their outstanding lifting performance and excellent manoeuvrability, Liebherr telescopic handlers are suitable for demanding applications in the building industry for loading, lifting and earth moving work.

Telescopic Handlers		TL 435-10 <small>Litronic</small>	TL 445-10 <small>Litronic</small>	TL 435-13 <small>Litronic</small>	TL 442-13 <small>Litronic</small>
Engine power	kW/HP	84/114	84/114	84/114	84/114
Max. load capacity	kg	3.500	4.500	3.500	4.200
Max. lifting height	m	9,8	9,8	13,0	13,0
Operating weight	kg	8.900	9.600	9.800	10.900

Product advantages



A true building machine

The very low pivot point guarantees the best possible view to the right and downwards. The two lifting cylinders arranged on either side of the boom provide torsional rigidity under load and high release forces, even with the highest load capacities. The resulting favourable centre of gravity is a major contributor to the outstanding stability under load.



Well thought out design

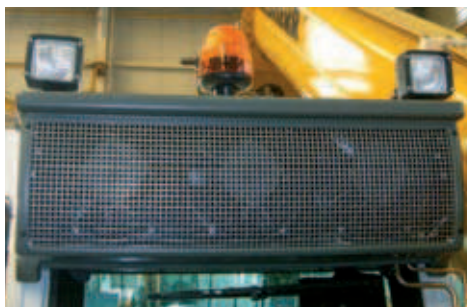
The frame is of robust and torsionally rigid box girder construction, sealed on top with metal plates. The tool attachment is suitable for shovel operations and compatible with the mid-range Liebherr wheel loader system. Cable wear protection, along with the hydraulic hoses and cylinders located inside the boom provide excellent protection against damage.



Ease of operation

With the Liebherr multi-function joystick, all functions of the driving and working hydraulics are conveniently to hand. For greater safety and comfort, one hand remains on the steering wheel and the other on the joystick. The hydrostatic wheel drive, with its stepless speed control, enables the speed to be controlled without gear changes. At the press of a button, the driver can choose between lively and gentle acceleration. The fine control function permits precise working through separate reduction of the drive and working hydraulics.

Optional Equipment



Air conditioning

The high-performance air conditioning system maintains the most comfortable conditions in the cabin.



Central lubrication system

The central lubrication system with clear-view reservoir is precisely matched to the telescopic handler from the number of lubrication points, through to lubricant dosing and electronic control.



Rear axle swing blocking

A hydraulic cylinder stabilises the swinging rear axle and thus significantly reduces the risk of tipping sideways.

Electronic engine power control of the working hydraulics

The unique function (optional) controls the speed of the diesel engine and thus the speed of the working hydraulics according to the joystick deflection – making fuel-saving operation possible throughout the day. Fast working hydraulics and delicately controlled driving without use of the inching pedal are available only in Liebherr telescopic handlers!



Support outriggers with side shift.

The TL 435-13 and TL 442-13 are fitted with support outriggers as standard. When working on support outriggers the optional side shift function makes it possible to shift the boom in a parallel direction by 5°. This corresponds to a side shift of about 500 mm to either side at the boom end.

Great selection of add-on equipment.

In addition to buckets and forks of all shapes and sizes, a wide range of other useful add-on equipment is available to the user.



Winch



Boom extension and various load hooks



Aerial work platform
TL 435-13 and TL 442-13 only



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