



## LEVELKING LK Screeding Attachment

As against conventional screeding blades the LEVELKING work with integrated smoothening board. With this function it is possible to screed not only the sub-base, rather the top bedding for paver laying. The LEVELKING screed fully automatic controlled, accurate, fast and efficient and is a real alternative to our well-known POWERPLAN PP.

Due to the fact of the fully automatic height adjustment the screeding is much faster as compared with regular rail-guided systems. The LEVELKING is attachable to wheel loaders, skid-steer- and telescopic loaders. The special advantage is the already integrated „floating position“. There is no need for this function for the carrier machine.

Applications: construction for streets, alleys and paver laying. Screeding of hall floors, sports- and industrial areas.

### Standard specifications:

➤ Complete control system, incl. 2 Laser Sensors and 1 Two-Axle Slope Sensor. Within 2 minutes the control elements can be connected in the cabin into the cigarette lighter. All components (laser/cross slope/optional ultrasonic) can be combined depending on the situation of the site.

- Hydraulic adjustment of the side wings via joystick.
  - High precision control of all functions by proportional valves.
  - The shovel form can also be used to carry the material forward.
- Special advantage: no additional loader needed!
- The attachment is equipped with a universal flange plate for the connection. It fits to all common carriage plate sizes and profiles.

### Optional version:

- Tri-Sonic Sensor LK-MUS-1300:  
This sensor can be attached to the left or right side. The sensor fully-automatically controls the height as well as the relevant hydraulically pivoting side wings. Thus keeping the ultrasonic sensor in proper reference position (string or edge) and consequently compensates driving inaccuracies.
- Standard ultrasonic sensor LK-SH2: in combination with the tri-sonic-sensor left and right side heights can be controlled.
- **Optionally available: Hydraulic folding shovel with holding capacity of approx. 0.6 to 0.7 m<sup>3</sup> for even better material take-up and material distribution.**

Type	Description	Working Width mm (in)	Dead Weight kg (lbs)	Order-Number
LK-2200	Basic version without Sonic Sensor and without Side-Shift-function 2 Laser Sensors incl. hard case 1 Two Axle Inclination Sensor 1 Machine Control and control box inc. all cables, 2 hydraulic hoses	2,200 (86½")	900 (1,980)	5130.0007

### Accessories:

Type	Description	Dead Weight kg (lbs)	Order-Number
LK-MUS-1300	1 Tri-Sonic Sensor incl. bracket, hence automatic Side-Shift-Function of the side wings. Please note: only one (1) Tri-Sonic Sensor can be used with the LEVELKING LK!	2,5 (6)	4130.0121
LK-KS	Hydraulic folding shovel for LK-2200	50 (110)	4130.0188
LK-SH2	1 standard ultrasonic sensor w/o side-shift function, incl. holder.		4130.0162
LK-JDH	Holder for joystick and display	0,6 (1)	4130.0190

### Requirements for hydraulic operation:

Operating hydraulics of the carrier

- Volumetric flow (l/min), usable min. 30, optimal 50 – 80, max. 100
- Working pressure (bar), usable min. 180, optimal 200, max. 250
- Lockable control lever for operating hydraulics (continuous oil flow)
- Backflow pressure: max. 20 bar

Electrical connection

- 12 V – socket for power supply of machine control

Further accessories, such as Laser Set LXS, Remote Control FS-LXS, Telescopic Leveling Post TL-LXS, and Tripod for Laser ST-LXS see page 3.2

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