

# LKT 130



SINCE 1971



LKT s.r.o.  
Oravická 1965/62  
028 01 Trstená  
trade@lkthoding.sk  
www.lktholding.sk

Dealer:



## LKT 130 standard specification

### Engine:

CUMMINS QSB4.5, 4-cylinder, 115 kW, by 2000 rpm, Stage V.

Type: diesel, 4-stroke with turbocharger

Fuel tank: 110 L

**Transmission:** hydrodynamic, shifting under load, 6-forward and 4-reverse gears, hydrodynamic convertor blocking, mechanical dropbox, 2-gears, work/travel mode

**Cabin:** innovated, ROPS, FOPS, OPS certified. Seat BE-GE 3130, air suspension, ventilated, heated

**Steering:** fully hydraulic servo steering, articulation of half frames by means of 2 (two) hydraulic pistons, steering wheel with emergency steering

### Front blade

**Rear shield:** tiltable, rocker arm system, hydraulically operated with high pedestal, guiding rollers

**Winch:** 2x80kN, electro-hydraulically operated, double drum, free unwinching of the rope, hydromotor DANFOSS,

Winch power: 80 kW

Winch speed: 0,8 m/s max.

Rope diameter/ length: 12 mm/ 90 m or 13 mm/ 75 m

Skid clamps: 10 pcs (2x5)

**Frames:** pivoting of the frames through axial bearing with possible hydraulic locking

**Axles:** DANA - SPICER, disc differential locking - electro-hydraulically operated, disc operation brakes with SAFIM brake valves, electro-hydraulic parking brake, rigid axles mounting on the frames

**Hydraulic work pump,** displacement 75 cm<sup>3</sup>/rev

**Hydraulic tank:** 110 L

**Hydraulic working pressure:** 240 bar

### Electric system:

Voltage: 24V

Alternator: 70A/28V

Batteries: 12V/50Ah, 2 pcs

Starter: 4 kW/24V

**Tires dimension:** 18,4/15-30 14 PR

**Max. speed:** 36 km/h

**Weight:** 9.800 kg

**LxWxH:** 6.710 x 2.550 x 3.100 mm

## Additional equipment for LKT 130

### Winch

**2x100 kN,** two-speed winch equipped lamellas with ceramic lining, manual transmission operated electro hydraulically with a maximum winding speed of 1,2m/s, rope diameter/ length: 12 mm/ 90 m or 13 mm/ 75 m

**2x100 kN,** two-speed winch equipped lamellas with organic lining, automatic electrohydraulic control with maximum winding

speed 1,2m/s, rope diameter/ length: 12 mm/ 140 m or 13 mm/ 120 m

**2x120 kN,** two-speed winch equipped with organic lining, automatic electrohydraulic control with maximum winding

speed 1,2m/s, rope diameter/ length: 12 mm/ 140m or 13 mm/ 120 m

**Valve for load/weight control**

**Control system** for force adjusting of 1 winch drum

(only for 2x100 kN-120 m winch)

**Lifting chain slings 2m** WN-G10-8x24 + KSRV-8-G10

**Lifting chain slings 2,5m** WN-G10-8x24 + KSRV-8-G10

**Lifting chain slings 2m** WN-G10-10x35 + KSRV-10-G10

**Lifting chain slings 2,5m** WN-G10-10x35 + KSRV-10-G10

**Skidding clamps** GBGV 7/8-G10 10 pcs (2x5)

**Skidding clamps** GBGV 10-G10 10 pcs (2x5)

**Axles**

NAF

**Rear shield**

Tilting, rocker arm system, low pedestal with guiding rollers and protection arcs

Tilting, rocker arm system, low pedestal, with spherical guiding rollers, protection arcs and rotating stake

Tilting, rocker arm system, low pedestal, with spherical guiding rollers, protection arcs and clamp bunk

Tilting, independent moving frame with spherical guiding rollers

Tilting, independent moving frame with spherical guiding rollers, clamp bunk

**Front blade**

Front blade with hydraulic pliers designed for gripping logs and assortments during handling wood, electrically operated by joystick

Toolboxes on the front blade - storage boxes – 2 pcs

**Hydraulic crane Epsilon Palfinger S110R80** with a reach of 8,0m with the possibility of folding the hand into transport position

with processing pressure up to 205 bar, floating position, wood logs support, including support frame, hydraulic coupling and electrohydraulic controls in operator's cabin

**Hydraulic crane Epsilon Palfinger S120R80** with a reach of 8,0 m with possibility of folding the hand into transport position,

processing pressure up to 225 bar, floating position, wood logs support, including support frame, hydraulic coupling and electrohydraulic controls in operator's cabin

**Lights (2 pcs) on the boom**

**Grab FG 37** – standard grab 0,36 m<sup>2</sup>

**Grab FG 43S** - for big logs, only for type M/S cranes

**Grab FG 31 R** – grab for biomass, not for log manipulation

**Wheels**

Tires incl. rims

Nokian, Alliance 540/70 – 30

Nokian, Alliance, Tianli 23,1 – 26

Alliance, Tianli 28L – 26

Anti-slip chains FORSTGRIP FG 202 3/1 SP (18,4 – 30)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 202 3/2 SP (18,4 – 30)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 206 3/1 SP (540/70 – 30)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 206 3/2 SP (540/70 – 30)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 220 3/1 SP (23,1 – 26)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 220 3/1 SP (23,1 – 26)

eye chain average: 15,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 234 3/1 SP (28,1 – 26)

eye chain average: 12,5 mm, 1 pair

Anti-slip chains FORSTGRIP FG 234 6/2 SP (28,1 – 26)

eye chain average: 15,5 mm, 1 pair

**Remote control**

**TERRA FUNK FA5** (start - stop system, winch control, throttle regulation)

**TERRA FUNK FA7** (start - stop system, travel control of machine, winches, rear shield and throttle regulation)

**Cabin**

**Rotating workstation** - seat BE-GE 31 with air suspension, heating, mechanical swivelling, armrests (right, left) and joysticks, pedals on rotating workstation

**Rotating workstation** - seat BE-GE 31 with air suspension, heating, electric brake, mechanical swivelling, armrests (right, left) and joysticks, pedals on rotating workstation

**Protective seat covers (LKT)**

**Mechanical swivelling**

**Mechanical swivelling** with electric brake

**Air-condition Webasto** with independent cooler and ventilator

**Radio with USB port, 2 speakers**

**Cab protection with protective iron grid**

Rear window

Front side windows 2x

Upper part of door 2x

Lower part of door 2x

**Side working LED lighting (2x2)**

**Engine preheating** (heating of circulating cooling system)

**Others**

**Coupler for trailer 14 T**

**Hydraulic coupler** - hydraulic quick couplings (for powering of attachments as: milling cutters, mulchers, drive and braking of the trailer)

**Fuel flow meter**

**Hydraulic oil** – Bio oil instead of mineral oil

## LKT 130 in Standardausführung

### Motor:

CUMMINS QSB 4,5 4 Zylinder, 115 kW, Stage V

Dieselmotor mit Turbo

Inhalt des Treibstofftanks: 110 L

**Fahrtrieb:** hydrodynamisches lastschaltbar (6 vorwärts, 4 rückwärts) mit Wandlervorblockung

**Verteilergetriebe:** mechanisches, zweistufiges Fahrstufen: Gelände /Straße

**Kabine:** moderne Sicherheitskabine, ROPS, FOPS, OPS geprüft. Sitz BE-GE 3130, beheizt, luftgefedert, mit Lüfter

**Lenkung:** Vollhydraulische Servolenkung, Knicklenkung mit zwei Hydraulikzylindern, Lenkrad mit Notlenkung

**Frontpolterschild**

**Heckschild:** hydraulisch absenkbares Schild mit hohem Rollenträger, Parallelführung in Wannenform

**Winde:** 2x80 kN Doppeltrommelwinde, elektrohydraulisch angetrieben, Hydromotor DANFOSS

Seilgeschwindigkeit max.: 0,8 m/s

Seilfassung: 13 mm/ 75 m oder 12 mm/ 90 m

Seilgleitöse: 10 St (2x5)

**Rahmen:** knickgelenktes Fahrgestell mit einem Axialgelenk und Verblockung Zylindern und Möglichkeit der Verblockung

**Achsen:** DANA - SPICER mit Lamellen – Differentialsperre, Feststellbremse und Parkbremse elektrohydraulisch durch Bremsventil SAFIM gesteuert. Starrachsen vorne und hinten

**Arbeitshydraulikpumpe:** 75 cm<sup>3</sup>/U Verstell Pumpe, Hydrauliköltank mit 110 Liter Inhalt

**Arbeitsdruck:** 240 bar

**Elektrisches System:**

Spannung: 24V

Alternator: 70A/28V

Batterien: 12V/50Ah, 2 St

Anlasser: 4 kW/24V

**Reifen:** Dimension 18,4/15-30 14 PR

**Max. Geschwindigkeit:** 36 km/h

**Gewicht:** 9.800 kg

**Abmessungen (LxBxH):** 6.710 x 2.550 x 3.100 mm

**Rückekran Epsilon Palfinger S110R80,** Reichweite 8,0 m, mit der Möglichkeit der Zurücklegung des Armes in Transportposition, mit Arbeitsdruck 205 bar,

Schwimmstellungsvertil, Stammkamm, Krankonsole, hydraulische Leitungen, elektrohydraulische Lenkung aus der Fahrerkabine

**Rückekran Epsilon Palfinger S120R80,** Reichweite 8,0 m, mit der Möglichkeit der Zurücklegung des Armes in Transportposition, mit Arbeitsdruck 225 bar,

Schwimmstellungsvertil, Stammkamm, Krankonsole, hydraulische Leitungen, elektrohydraulische Lenkung aus der Fahrerkabine

**Zusatzscheinwerfer** - 2 St am Arm des Kranes

**Greifer FG 37**

**Greifer FG 43S** verstärkte Ausführung und für Kranmodell M/S

**Greifer FG31R** für Transport der Biomasse, abschleppen von Holz nicht erlaubt

**Bereifung**

**Reifen inklusive Felgen:**

Nokian, Alliance 540/70 – 30

Nokian, Alliance, Tianli 23,1 – 26

Alliance, Tianli 28L – 26

Traktionsketten, FORSTGRIP FG 202 3/1 SP (18,4 – 30)

Durchmesser des Kettengliedes: 12,5 mm - 1 Paar

Traktionsketten, FORSTGRIP FG 202 3/2 SP (18,4 – 30)

Durchmesser des Kettengliedes: 12,5mm - 1 Paar

Traktionsketten, FORSTGRIP FG 206 3/1 SP (540/70 – 30)

Durchmesser des Kettengliedes: 12 ,5 mm - 1 Paar

Traktionsketten, FORSTGRIP FG 206 3/2 SP (540/70 – 30)