

THE LINDNER STEPLESS MUNICIPAL PROGRAM





Efficient technology for modern communities

HIGH DEMANDS ON YOUR FLEET:

Modern tractors and transporters must be usable all year round and score highly as versatile, efficient implement carriers. Lindner meets these requirements with its stepless Unitrac transporter and the Lintrac, the first stepless standard tractor with 4-wheel steering. State-of-the-art engine and transmission technology combined with mechanical PTO shafts and powerful working hydraulics in a well thought-out operating concept ensure economical vehicles that are used in cities and municipalities throughout Europe.



UNITRAC

More than a transporter ...

112

122

The Unitrac is the all-terrain combination of transport vehicle and implement carrier.

The variable drive, rear and front PTO shafts as well as the working hydraulics with adjustable high flow pump make the Unitrac the ideal work assistant - its variety of accessories is just as wide as its areas of application. From transportation, agriculture and forestry, landscape maintenance to municipal and winter services, the Unitrac can be used universally. Gritting and sweeping work as well as snow clearing with a plow or snowblower are child's play thanks to the 4-wheel steering, even in narrow places or areas. A payload of up to 6,000 kg and perfect traction force make heavy-duty transport work possible. The Unitrac concept has established itself and proven itself in a wide range of applications - from the highest mountains to large cities.

Overview on the Lindner I.B.C. Monitor PRO

All important vehicle information is displayed in the main view of the I.B.C. Monitor PRO. The driver can choose between different views: Hydraulics page for EHS control units, instructions, vehicle settings, service display, camera or operating data. The camera image appears automatically when reversing.



Perfect overview

You have everything in view: the front attachment area through the heated panoramic front, a clear view to the side through the large glass doors with wide-opening sliding windows. The side mirrors with integrated additional indicators are electrically adjustable and heated.



Tilting comfort cab

For maximum comfort of maintenance, the entire cab can be tilted 50° to the side. Easy access to the engine and gearbox compartment. Thanks to the tilt cab, the job is done in few seconds without using any tools.



LDrive operation

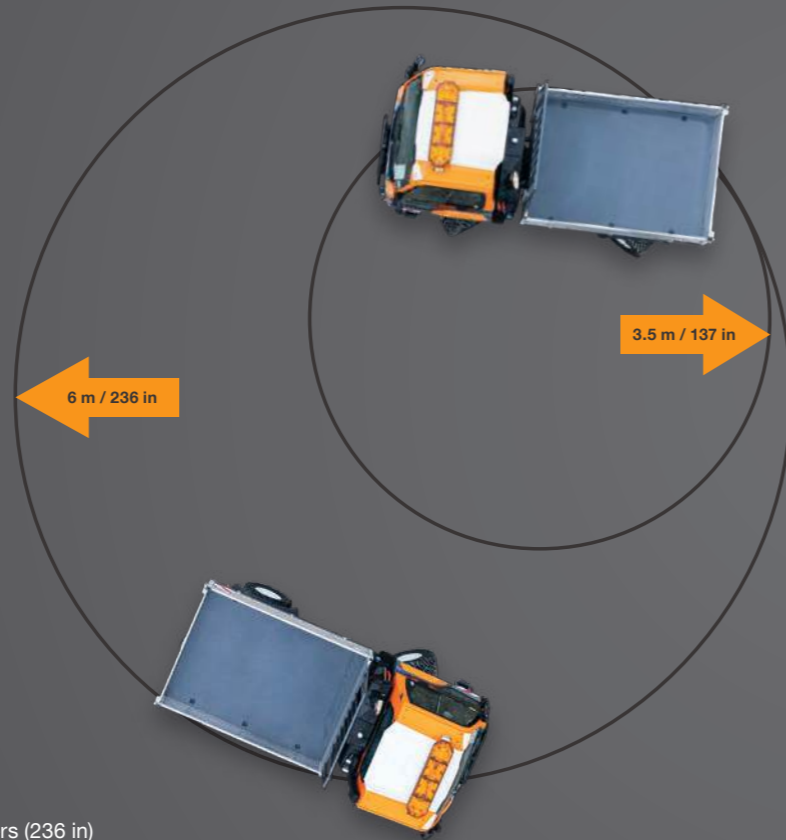
If you want to work particularly efficiently, use the LDrive control dial on the armrest. If „LDrive“ is activated, the driving speed is set continuously and dynamically by turning the controller. There are quick selection buttons for important chassis functions and drive modes.



4-wheel-Steering

Incredibly maneuverable

The Unitrac is optionally available with 4-wheel steering. This reduces the turning circle radius from 6 m (236 in) to 3.5 m (137 in). A crab steering mode is available on request. Operation is simple and convenient thanks to the comfort reset and the display on the IBC Monitor PRO.



Turning circle radius without 4-wheel steering: 6 meters (236 in)
Turning circle radius with 4-wheel steering: 3.5 meters (137 in)

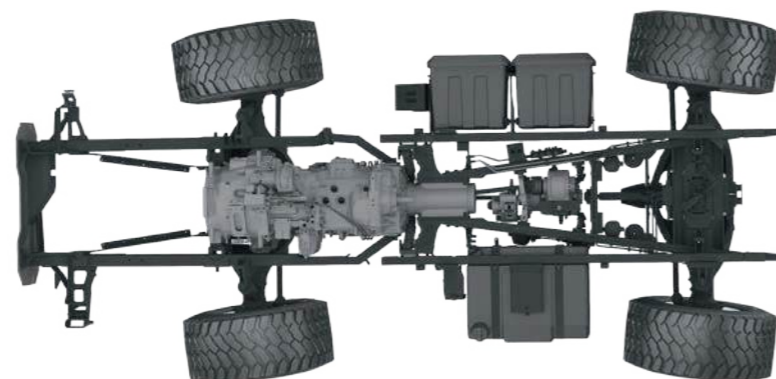


Optimum maneuverability

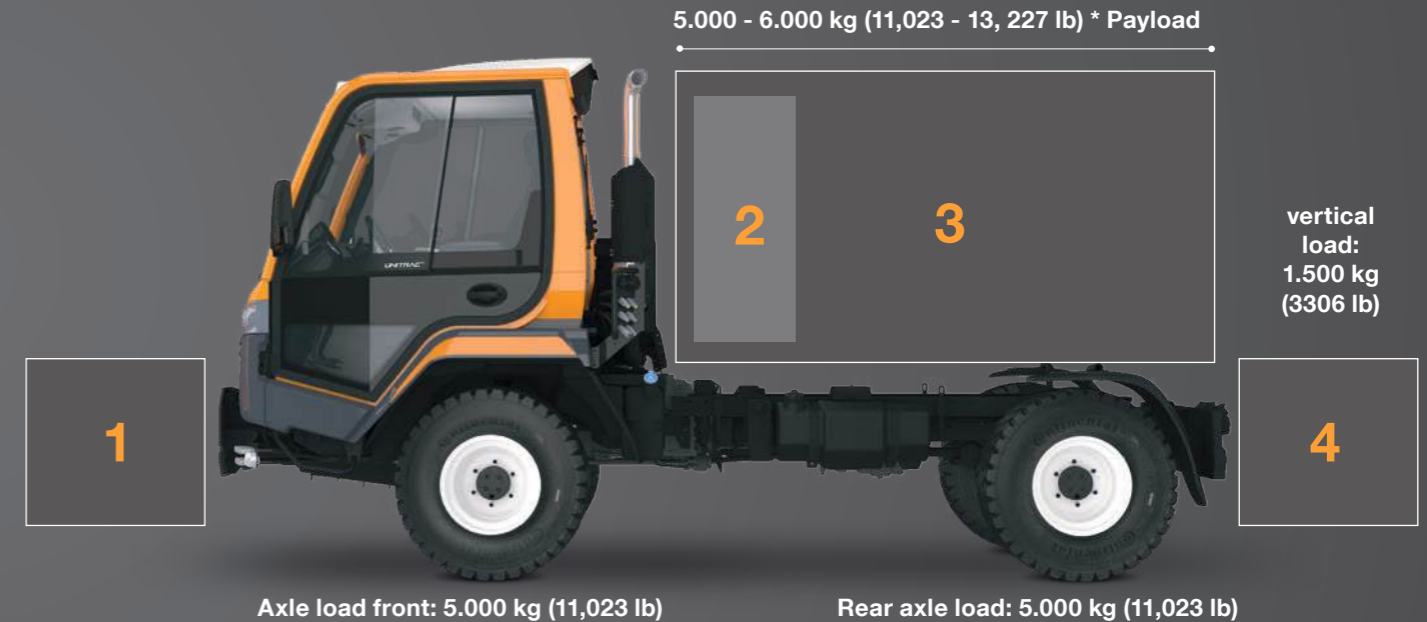
The 4-wheel steering can be switched off in any wheel position. The system locks. The rear axle steering is automatically activated as soon as the wheels are back in the neutral position. Various acoustic signals alert the driver to driving situations. This means that even inexperienced drivers are always safe on the road.

High-performance axles

Thanks to a 4-star planetary axles, the Unitrac can withstand even high axle loads in the long term. Steering linkage, brakes and drive shafts are integrated into the steering knuckles. The closed axle base protects the moving components from damage in rough terrain.



Mounting options & applications



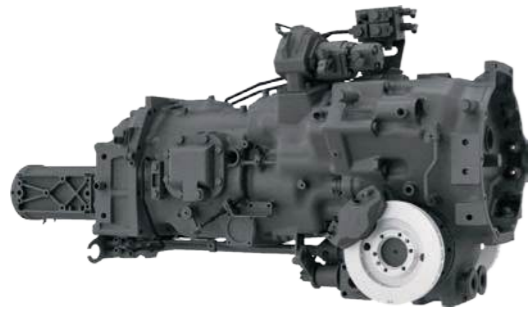
- 1 · Front hydraulics · Snow plow · Snow blower · Slope mower (front boom) · Front winch · Front sweeper, ...
- 2 · Center crane · winch · powerarm, ...
- 3 · 3-sided tipper · skip loader · loading platform · spreader · roll-off tipper · skip · hookloader, loader wagon, ...
- 4 · Rear crane · Rear hydraulics · Trailer (towing capacity 10,000 kg / 22,046 lb) · Chipper, ...

* payload depends on the equipment variant

Device	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Front hydraulics	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Front mower	Grey	Grey	Grey	Grey	Orange	Orange	Orange	Orange	Orange	Orange	Grey	Grey
Powerarm	Grey	Grey	Grey	Grey	Grey	Orange	Orange	Orange	Orange	Orange	Grey	Grey
Cable winch	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Snow plow	Blue	Blue	Blue	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Blue
Snow blower	Blue	Blue	Blue	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Blue

Tipper	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Rear hydraulics	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Loader wagon	Grey	Grey	Grey	Grey	Orange	Orange	Orange	Orange	Orange	Orange	Grey	Grey
Fine spreader unit	Grey	Grey	Grey	Grey	Orange	Orange	Grey	Grey	Grey	Orange	Orange	Grey
Side spreader	Grey	Grey	Grey	Grey	Orange	Orange	Grey	Grey	Grey	Orange	Orange	Grey
Combination barrel	Green	Green	Green	Green	Orange	Orange	Orange	Orange	Orange	Orange	Green	Green
Sweeper	Grey	Grey	Grey	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Grey
Hook lift	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Roll-off tipper	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Center crane	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Broadcast spreader	Blue	Blue	Blue	Blue	Grey	Grey	Grey	Grey	Grey	Grey	Blue	Blue

• = Year-round use • = Summer use • = Winter use



Gearbox

The CVT continuously variable transmission used in the Unitrac LDrive was developed together with ZF and is produced by Lindner. The transmission works particularly efficiently due to the largely mechanical power transmission with a low hydrostatic share in the working driving range. Driving is stepless from -20 to +50 km/h (-12 mph to +31 mph) with reduced engine speed.



Perkins engine

The 4-cylinder turbo diesel in the Unitrac 122 LDrive delivers 90 kW/122 hp at 2200 rpm and 420 Nm of torque between 1100 and 1400 rpm. In the PRO version, the Unitrac 122 LDrive can deliver up to 100 kW/136 hp when required thanks to power management. The engine, with a volume of 3.6 liters and particularly smooth running, meets the exhaust emission criteria of Stage 5.



LED warning lights

Highly visible LED rotating beacons and flashing beams are used for municipal applications. LED warning lights on the bumper bar are standard on the municipal version.



Working hydraulics with variable displacement pump

The Unitrac works with an axial piston pump that continuously regulates the hydraulic output up to 88 l/min (23 gpm). The required amount of oil is always delivered for all working circuits, eliminating power losses. Up to 5 EHS control units and one EWS control unit with volume adjustment are possible. These work proportionally and particularly sensitively. The hydraulic fine adjustment is carried out via the I.B.C.-Monitor PRO. The Unitrac has a separate oil supply for the working hydraulics/ hydraulic system. Steering and transmission with separate cooling systems. A hydraulic output of 50 l/min (13 gpm) is fully available from an engine speed of just 1,300 rpm.



Brakes

The vehicle is equipped as standard with a 2-circuit brake system, 2 ventilated disc brakes at the front and 2 disc brakes at the rear. Low pedal pressure and reduced heat development increase comfort and safety. The Unitrac can be optionally equipped with an eddy current brake or air brake system. The optionally available, patented safety lock acts directly on the service brake and ensures safe stability on steep terrain.

Technical Data	Unitrac 72 P5	Unitrac 92 P5	Unitrac 112 LDrive	Unitrac 122 LDrive
Cabin	Comfort cab with doors (OECD-approved), can be tilted sideways, deep-drawn, heated panoramic windshield, 2 electrically adjustable and heated side mirrors, additional indicators on side mirror, 2 windscreen wipers with intermittent wipers, comfort seats, sun shield, radio console with radio preparation, 12-volt charger plug, indicator reset, heating, door locks, ergonomically shaped control panel, interior lighting, comfort entry			
<i>Cabin version</i>	4-speed fan		LDrive armrest on LDrive comfort air seat, 4-speed fan	
Display	VDO central info board		VDO central infoboard & I.B.C.- Monitor PRO with remote control	
Engine	Perkins Synchro - 904J-E36TA - STAGE 5 / TIER 4 Final		VM-Turbodiesel (Euro6)	Perkins Synchro - 904J-E36TA - STAGE 5 / TIER 4 Final
<i>Power according to ISO14396 / speed</i>	55 kW (76 hp) / 2200	74,4 kW (101 hp) / 2200	79 kW (107 hp) / 2300	90 kW (122 hp) / 2200 PRO: 100 kW (136 hp) / 2200
<i>Cylinder / Volume / Cooling</i>	4 / 3600 cm ³ water		4 / 2970 cm ³ / water	4 / 3600 cm ³ / water
<i>Max. Torque with DZ</i>	350 Nm at 1400 rpm	430 Nm at 1500 rpm	420 Nm at 1100-1400 rpm	500 Nm at 1500 rpm
Efficient Power Program	Common rail, viscous fan, digital display, fuel consumption calculator, electric hand throttle with programmable control unit. Buttons, separate oil balance, ep speed limiter		Common rail, viscous fan, digital display, consumption calculator, electric hand throttle, separate oil reservoir, axial piston pump	
High-performance chassis	Independent suspension, hydraulic suspension with level control, longitudinal differential lock & Electro-hydraulic rear differential lock, optional: front differential lock, 4-wheel steering with comfort reset			
			Comfort suspension, axle load indicator for front and rear axle	
Gearbox	Lindner ZF 16/16-speed splitter gearbox, 40 or 50 km/h (25 or 31 mph), electro-hydraulic PTO clutch		Lindner ZF stepless gearbox, 0 - 40 or 0 - 50 km/h (0 - 25 or 0- 31 mph), LDrive operation, electro-hydraulic PTO	
PTO shaft	Load-controlled			
<i>Engine PTO</i>	540 / 1000 rpm			
<i>optional: Front PTO shaft</i>	1000 rpm			
Brake	2-circuit brake system, front disc brakes (internally ventilated) and rear disc brakes		2-circuit brake system, electro-hydraulic spring-loaded brake, Brake booster, ALB Optional: Eddy current brake	
Hydraulic system	2-circuit hydraulics with comfort operation / load-sensing system		BOSCH-Rexroth multi-circuit hydraulics / load sensing - axial piston pump	
<i>Working pressure</i>	185 bar (2683 psi)		200 bar (2900 psi)	
<i>Max. hydraulic flow</i>	85 l/min (22 gpm)		88 l/min (23 gpm)	
<i>Control units / tipper cables</i>	1x da and 1x sa with lever switch		2 x da / 1 x sa Operation with joystick / fingertip	
	Oil motor proportional		Proportional EHS control units with float position and adjustable flow rate and time control (oil motor)	
Light	High and low beam below, H3 worklights above		Full LED main headlights with integrated LED daytime running lights, additional H7 high and low beam at the top, LED rear lights	
Mass and empty weight	3350 kg (7385 lb)	3450 kg (7606 lb)	3850 kg (8488 lb)	3975 kg (8763 lb)
<i>A Largest length / B Largest width</i>	4872-5372 mm (191.8-211.5 in) / 1972-2072 mm (77.6-81,6 in)		5067-5567 mm (199.5-219.2 in) / 1972-2078 mm (77.6-81.8 in)	
<i>C Maximum height / D Wheelbase</i>	2470-2484 mm (97.2-97.8 in) / 2600-3100 mm (102.3-122 in)		2480-2493 mm (97.6-98.1 in) / 2750-3250 mm (108.3-127.9 in)	
Standard tires	15,0/55-17	425/55-R17	425/55-R17	425/55-R17
	3-year warranty incl. TracLink			

LINTRAC

Stepless & maneuverable

70

80

100

130



Simple operation, maneuverability and pulling power combine to create the perfect implement carrier.

Rear and front hydraulics as well as the working hydraulics with adjustable high flow pump make the Lintrac the ideal implement carrier. With the continuously variable drive and the rear and front PTO shaft, the Lintrac is perfectly equipped for summer and winter service: The steered rear axle (optional for Lintrac 80, 100 and 130) makes gritting and sweeping work as well as snow clearing with a plow or snowblower, even in narrow areas easy to handle. The front loader and perfect traction force enable heavy-duty transport work.



Mounting areas

The Lintrac is available with frame-guided or axle-guided front hydraulics. The reinforced frame block allows the use of a front loader or a side mounting plate. The rear linkage with a lifting capacity of up to 4900 kp is available with EHR and vibration damping.

I.B.C.-Monitor PRO

With the new Touch I.B.C.-Monitor PRO, Lindner brings the quality of a luxury limousine to the stepless tractor. Drivers can expect easy-to-understand menu navigation and a robust design for demanding work assignments.



LDrive operation

Driving the Lintrac is easy: start the engine, select the direction, accelerate and steer. There are quick selection buttons for all-wheel drive, differential, cruise control memory, creep function, hand throttle & foot throttle mode and the various driving modes.

Lintrac 70 comfort cab

The panoramic comfort cab provides an optimum view on all sides. Fatigue-free working is achieved thanks to a pleasant working climate, a spring-mounted comfort seat and logically positioned controls. Especially in dangerous situations, it is important to find switches and levers quickly in order to react correctly. The standard I.B.C. Monitor PRO serves as a central display.

TracLink-cab Lintrac 100 & 130

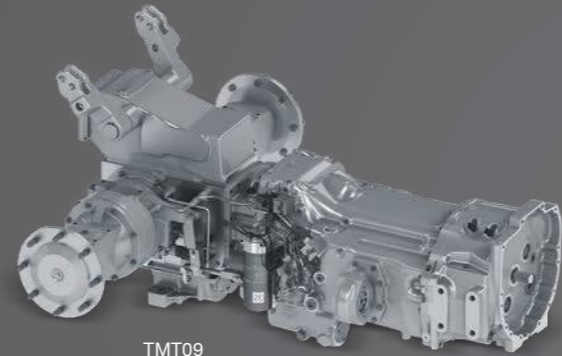
The standard TracLink cab, which has been upgraded for long-term use, makes a significant contribution to the high level of driving comfort in the Lintrac 100 and 130. The cab is available with air suspension on request. The suspended front axle is standard on the 50 km/h version. The Lintrac with Noremat with the special Visio Plus cab scores points with a polycarbonate window on the right-hand side door and a side roof window.



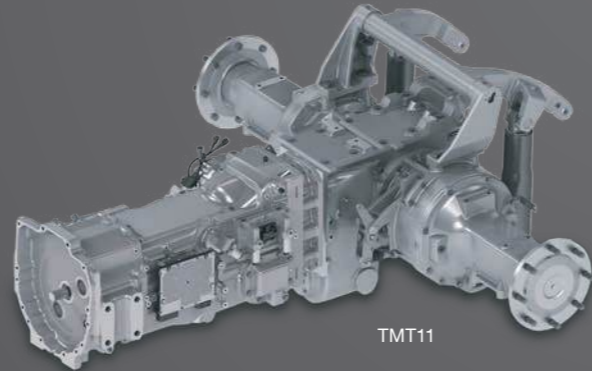
Continuously variable transmission

Lightweight, dynamic and particularly efficient: stepless Driving with the TMT09 and TMT11 from ZF.

The TMT09 is the first continuously variable transmission that has been specially developed for a PTO output of around 90 hp. The transmission works particularly efficiently thanks to the largely mechanical power with a small hydrostatic component. Stepless driving from -20 to +43 km/h (-12 to 26 mph). The TMT11 is just as efficiently designed, but has more payload and lifting power thanks to the larger rear axle and is designed for PTO outputs of over 110 hp. With the TMT 11.2, the Lintrac 130 can travel at 50 km/h (31 mph) on request.



TMT09

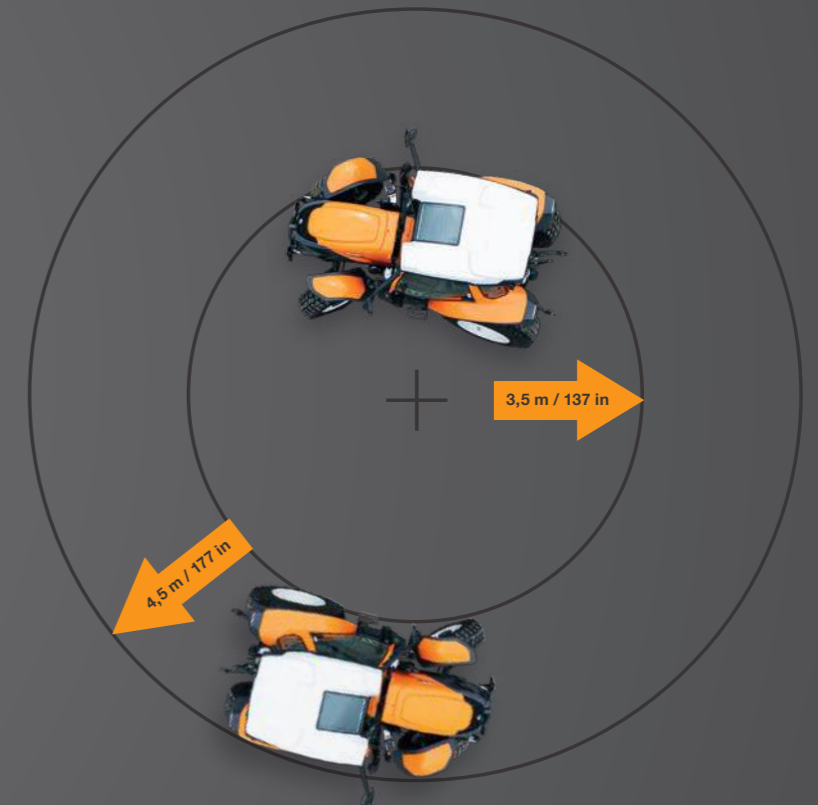


TMT11

4-wheel Steering

Incredibly maneuverable

When developing the Lintrac, Lindner was able to build on decades of experience with 4-wheel steering systems for mountain farming and municipal use with the Unitrac transporter. Extremely stable steering heads made of a special alloy are used. On request, the rear axle can rotate up to 20° and this provides the Lintrac with manoeuvrability previously unheard for tractors.

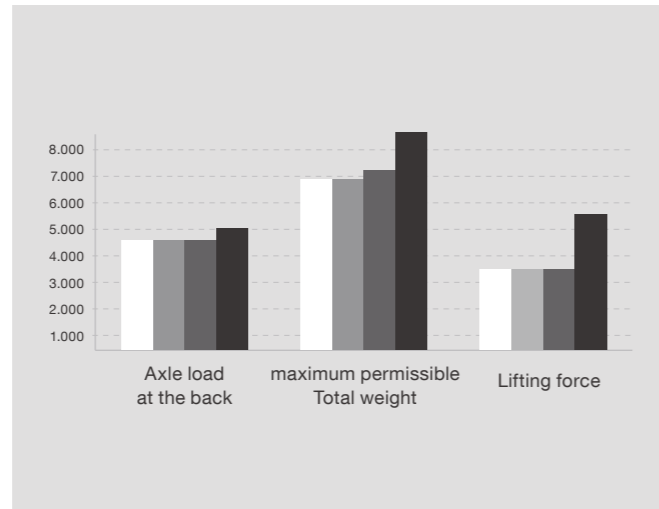


TURNING CIRCLE RADIUS

LINTRAC 80: 3,5 m / 137 in

LINTRAC 100: 3,75 m / 147 in

LINTRAC 130: 4,25 m / 167 in

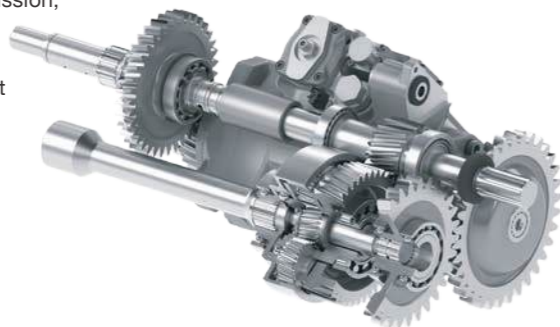


Steep meadows, narrow lanes and plantations

Turning maneuvers on steep slopes, front loader work on the farm, moving from row to row in the fields in old towns or on cycle paths - the steered rear axle guarantees directional stability, prevents damage to the field and is a pleasure to work with.

Foot throttle mode for front-mounted implements

In foot throttle mode, which is familiar from tractors with manual transmission, the engine speed is directly linked to the accelerator pedal. The driving speed can still be kept constant - ideal for sweeping or snow blower work in particular.



Hydrostat with power distribution

The secret of the stepless TMT09/11's efficiency lies in the predominantly mechanical power transmission. The multi-branched powershift transmission is complemented by a compact and economical 45 cm³ hydrostat.

Lintrac with rear axle steering

Two steering systems for every situation

The innovative rear axle steering system in the Lintrac 80 and 100 has a particularly compact design and forms a robust unit with the trailer carriage. The Lintrac 130 uses rear axle steering with reinforced steering housings for larger tire dimensions. The steering linkage is guided under the cab. This means that large geared cable winches can be fixed close to the axle at the rear.



Lintrac 80/100



Lintrac 130

Suspended front axle

The proven and robust Lindner front axle is built by the company itself in Kundl. The driver can lock, raise and lower the suspension of the front axle. The suspension cylinders are well protected and integrated into the axle suspension. This guarantees perfect ground clearance.



Rear window with double hinge

For a perfect view to the rear, the rear window opens at a 90° angle. This is achieved by an innovative double hinge.

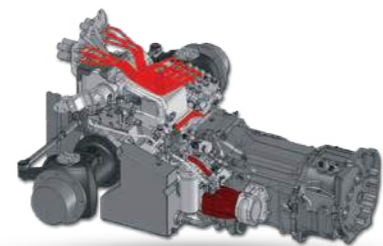


Intelligent light

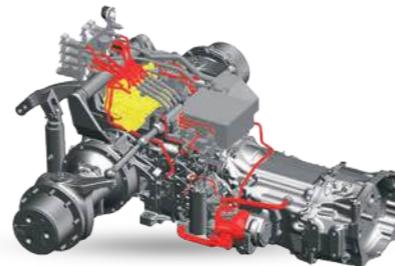
The Lintrac is equipped with LED rear lights, daytime running lights and LED work lights. The light-emitting diodes are particularly energy-saving and, with over 20,000 operating hours, last the life of the tractor. The Lintrac also has powerful bi-halogen headlights for high and low beam. The LED rear light arch on the Lintrac 100 & 130 ensures optimum visibility at night.



Lintrac 70



Lintrac 80/ 100



Lintrac 130

BOSCH-Rexroth technology with Lindner know-how

The Lintrac 70 is equipped with a Silence hydraulic pump from BOSCH-Rexroth with a delivery rate of 50 l/min (13 gpm). Up to 4 mechanical control units can be controlled.

The high-performance working hydraulics from BOSCH with variable displacement pump delivers 88 l/min.

The Lintracs 80, 100 and 130 are equipped with an axial piston pump that continuously regulates the hydraulic output up to 88 l/min (23 gpm). An optional 100 l/min (26 gpm) is also possible. The required amount of oil is always delivered. This eliminates power losses. Up to 5 EHS control units with volume adjustment are possible. These work proportionally and particularly sensitively. As with all Lindner vehicles, the Lintrac also has a separate oil supply for the working hydraulics/steering and transmission.

Technical data	Lintrac 70	Lintrac 80	Lintrac 100	Lintrac 130
Cabin	Panorama comfort cabin ROPS		TracLink cab with enlarged front loader clear-view window, automatic air conditioning	
	Green-tinted panoramic glazing, front loader clear view window, opening windshield (for 40 km/h / 24 mph version), comfort passenger seat, interior trim, Grammer comfort seat (Lintrac 70) with air suspension and document compartment or net (Lintrac 80-130), LED interior lighting with automatic door opener, heating and ventilation system with 3-stage (Lintrac 70) or 4-stage high-performance fans (Lintrac 80-130), start lock, permanent power socket (3-pin) (Lintrac 80-130), starter lock, permanent power socket (3-pin), automatic indicator reset, windscreen wiper interval, charging socket, sunshade slider and cover, exhaust upwards, radio preparation, storage compartment at bottom left, adjustable air vents, one-piece hood with comfort opening, radiator with comfort cleaning system			
Platform	2-level platform		Flat platform cabin	
Display	I.B.C.-Monitor Pro	I.B.C.-Monitor Pro with remote control		I.B.C.-Monitor Pro with remote control, TracLink Smart device recognition
Cabin equipment	Mechanical cab suspension			Optional: Pneumatic cab suspension
Engine	Perkins Syncro - 904J-E36TA STAGE 5 / TIER 4 Final			
<i>Performance according to ISO14396</i>	74,4 kW / 102 hp		85,9 kW / 117 hp	100 kW / 136 hp PRO: 106 kW / 144 hp
<i>Cylinder / Volume / Cooling</i>	4 / 3600 cm ³ / water			
<i>Max. Torque</i>	450 Nm at 1500 rpm		500 Nm at 1500 rpm	530 Nm at 1500 rpm PRO: 566 Nm bei 1500 U/min
Efficient Power Program	Common rail, charge air cooling, viscous fan, on-demand transmission oil cooling, electronic position control with remote control, separate oil management, operation via multifunction joystick on LDrive armrest, load-sensing control units			
Gearbox	TMT09-ZF-stepless gearbox			TMT11.2-ZF-continuously variable transmission, high-traction for increased traction, electro-hydraulic safety lock
	Lindner LDrive operation, 40 km/h / 24 mph (or 50 km/h / 31 mph, Lintrac 130), pressure lubricated, all-wheel drive, rear differential lock - engagement at any time			
Rear axle	LINDNER rear axle steering not available	Optional: LINDNER rear-axle steering (up to 20° steering angle - depending on tires) with 4 steering modes (counter-steering, crab steering, power steering, manual)		
PTO shaft	Powerswitchable			
<i>Engine PTO</i>	430 / 540 / 750 / 1000 rpm			430 / 540 / 750 / 1000 rpm optional: 540 / 750 / 1000 / 1400 rpm
<i>Optional: Front PTO shaft</i>	1000 rpm			
Hydraulic system	BOSCH-Rexroth / Load-Sensing			
<i>Rear linkage</i>	EHL - electric hoist position control			EHR with AHC
<i>Working pressure</i>	190 bar (2755 psi)	200 bar (2900 psi)		
<i>Max. Delivery rate</i>	50 l/min (13 gpm)	88 (23 gpm) - 100 l/min (26 gpm) - Axial piston pump		
<i>Control units / tipper cables</i>	3 x da / 4 + 1 return			
<i>Lifting force / with additional lifting cylinder</i>	3500 kp (7700 lb)			4900 kp (10800 lb) optional: 5500 kp (12100 lb)
<i>Optional: Lifting power front hydraulics</i>	2500 kp (5500 lb)			
Light	2 x H7 bi-halogen headlights (high beam and low beam below), 2 x side indicators with integrated marker lights, LED daytime running lights, 2 x rear and brake lights in LED technology with integrated rear indicators			
	2 x H4 headlights at the front (high beam & low beam at the top), 2 x H3 worklights at the rear		4 x LED (high beam & low beam above), 2 x LED work lights (front and rear - Lintrac 130), LED rear light, Optional: Bi-LED headlights	
Mass and empty weight	3890 kg / 8575 lb	3920 kg / 8642 lb	3980 kg / 8774 lb	4520 kg / 9964 lb
<i>A Largest length / B Largest width</i>	3.955 mm (155 in) / 2.084 mm (82 in)	3.955 mm (155 in) / 1.978 mm (77 in)	4.025 mm (158 in) / 1.978 mm (77 in)	3.808 mm (149 in) / 2.226 mm (87 in)
<i>C Maximum height / D Wheelbase</i>	2.453 mm (96 in) / 2.304 mm (90 in)	2.453 mm (96 in) / 2.304 mm (90 in)	2.583 mm (101 in) / 2.375 mm (93 in)	2.718 mm (107 in) / 2.420 mm (95 in)
Standard tires	420/85 R 30 & 420/65 R20		420/85 R 30 & 375/70 R 20	
				540/65 R34 & 440/65 R24
	3-year warranty incl. TracLink			

LINTRAC 160



Lintrac 160 LDrive: More powerful and more agile than ever

With the stepless Lintrac 160 LDrive, Lindner has developed the most powerful tractor in its history. At its heart is the TMT-14 stepless transmission, developed jointly by ZF and Lindner. The new 4.5-liter FPT engine delivers 129 kW (175 hp). Thanks to its four-wheel steering, the Lintrac 160 LDrive is the most maneuverable model in its performance class.

Powerful engine for maximum reliability

The FPT engine with a capacity of 4.5 liters develops an enormous torque of 700 Nm at 1,500 rpm - a powerful engine for demanding applications.



B
A



D
C
E

Rear tires	Front tires	Length (A)	Wheelbase (B)	Max. width (C)	Max. height (E)	Track (D)
600/65 R34	480/65 R24	4640 mm (183")	2640 mm (104")	2480 mm (97.6")	2916 mm (114.8")	1890 mm (74.4")
650/60 R34	480/65 R24	4640 mm (183")	2640 mm (104")	2500 mm (98.4")	2921 mm (115")	1850 mm (72.8")
540/65 R38*	440/65 R28	4640 mm (183")	2640 mm (104")	2407 mm (74.7")	2935 mm (115.5")	1890 mm (74.4")
600/65 R38	480/65 R28	4640 mm (183")	2640 mm (104")	2481 mm (97.7")	2972 mm (117")	1890 mm (74.4")
650/65 R38	540/65 R28	4640 mm (183")	2640 mm (104")	2488 mm (97.9")	2998 mm (118")	1850 mm (72.8")

Additional tire options are available upon request.
*Standard tires

Equipment

Cab

Air-suspended panoramic cab, including openable front loader roof window (tinted), 2 panoramic doors (B-pillar version), electrically heated windscreen with acoustic glazing, air conditioning with automatic climate control, air-suspended Grammer comfort seat with automatic weight adjustment, seat heating & seat ventilation, foldable comfort passenger seat, entry lighting, front & rear window wipers including interval, electrically adjustable and heated exterior mirrors with parabolic reflectors, cell phone charging socket, sun protection blind, Lindner LED lighting concept, Bi-LED low beam and high beam headlights, work lights, Lindner rear light arch, integrated rotating beacons in „Edge-design“

Driving comfort

Suspended front axle with independent wheel suspension, pneumatically suspended cab, comfort seat with air suspension

Display/controls

I.B.C. Monitor PRO (incl. touch) with swivel steering column, multifunction armrest with LDrive controls and LDrive stick, incl. 10" display operable via touch and/or rotary pushbutton

Engine FPT N45 Stage 5, 129 kW / 175 hp

Cylinders / displacement / cooling 4 / 4,500 cm³ / water

Max. torque 700 Nm at 1,500 rpm

Front axle Independent suspension

Transmission TMT14-ZF continuously variable transmission, continuously variable power split with 4 driving ranges, 0.00 - 50 km/h (31mph) at 1,660 rpm, standstill control, power management, smart sensor technology, automatic parking brake (APB), LDrive control + Drive Stick

Rear axle LINDNER rear axle steering (up to 20° steering angle - depending on tires) with 4 steering modes (4-wheel steering, mowing mode, crab steering, manual)

PTO Power shift, start-up control, electrohydraulic gear selection via display

Rear PTO 540 / 540 E / 1000 / 1000 E (rpm)

Front hydraulics

Double-acting (da), single-acting (sa) switchable, operable via joystick

Category 3N

Front lifting capacity 3,800 kg (8376lbs)

Front PTO (optional) 1,000 rpm

Hydraulics BOSCH-Rexroth / Load-Sensing

Control units 2 da front + 3 da rear (optional up to a total of 7 da)

Working pressure 200 bar (2,901psi)

Max. flow rate 120 l/min (31.68gpm) - axial piston pump

Rear linkage

Electronic lift control (EHR) with AHC, continuously adjustable mixing control, float position, lower links spreader width CAT 2 / catch hook CAT 3

Category CAT 3N

Lifting capacity rear 7,000 kg (15,432lbs)

Permissible total weight 11,000 kg (24,250lbs)

Max. front axle load 4,500 kg (9,920lbs)

Max. rear axle load 7,500 kg (16,535lbs)

Mass weight 6,800 kg (14,991lbs) (depending on equipment)

Equipment

Compressed air brake system incl. air dryer, automatic parking brake, 4 front work lights, 4 rear work lights, 7-pin socket front & rear, ISOBUS compatibility, signal socket, 3-pin socket, USB (C), storage compartment, cell phone holder

3-year warranty with TracLink

LINTRAC 160



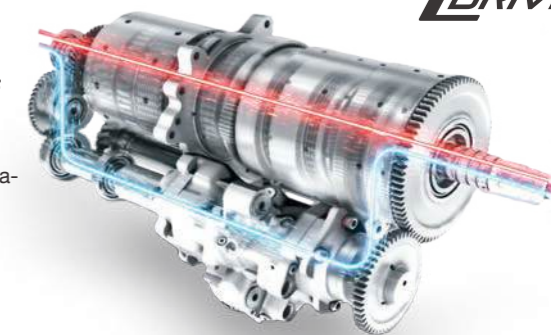
Ergonomic workplace with new operating concept

The air-suspended seat with seat heating and ventilation as well as automatic weight adjustment leaves nothing to be desired. With a rotation range of up to 15° to both sides, the rear implements always remain in view during field work. In addition to driving, attachments can also be operated without changing position with the new multifunctional armrest. Furthermore, all important settings can be viewed at all times on the display.

Dynamic and efficient: continuously variable driving with the TMT14 from ZF

The TMT14 is designed for travel speeds of up to 50 km/h (31mph) with reduced engine speed (1660 rpm). The continuously variable transmission always converts more than 60% and, depending on the area of application, up to 100% of the available power mechanically. This achieves a particularly high degree of efficiency.

The LDrive control dial is used for sensitive & smooth driving, especially at low speeds. The LDrive Stick allows drivers to accelerate and decelerate more directly, especially for transport work.



Panoramic cab

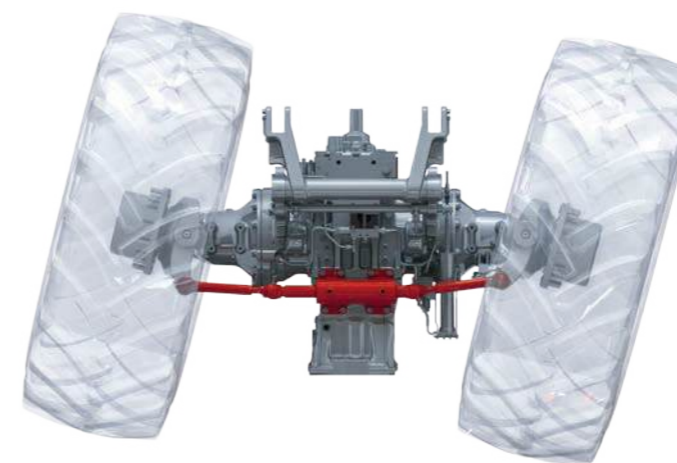
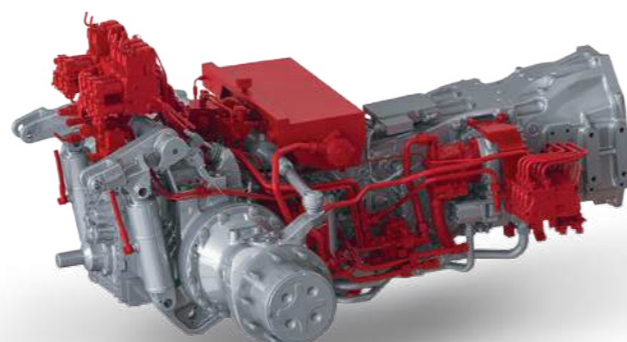
The newly developed panoramic cab in the Lintrac 160 LDrive is tailor-made for long-term use. The air-suspended cab and the independent front axle suspension ensure maximum driving comfort even during long working days. The I.B.C. Monitor PRO, the new multifunctional armrest with 10" touch display, and the clearly arranged controls on the side control console ensure a clear operating concept.



The high-performance hydraulics from BOSCH-Rexroth with variable displacement pump deliver 120 l/min (31.68gpm)

The Lintrac 160 is equipped with an axial piston pump with a capacity of 120 l/min. This ensures that the required amount of oil is always delivered and prevents power loss.

As with all Lindner vehicles, the Lintrac 160 LDrive also has separate oil systems for the working hydraulics and the transmission/steering.



Agile and maneuverable

With its 4-wheel steering, the Lintrac 160 LDrive achieves an outstanding track circle diameter of 8.5 m (334"). The rear wheels can rotate up to 20°. At the touch of a button, the steering angle can be limited for operations with snow chains.

Lintrac SmartLift Front Loader mode

At the touch of a button, the transmission control is adapted to the dynamics of front loader work. The automatic coordination of speed and thrust allows work processes to be carried out more precisely. The 4-wheel steering is intelligently integrated into the loading mode and adapts dynamically to the situation (e.g., tight turning circle when maneuvering or stable driving to the unloading point). Front loader work is completed faster thanks to less maneuvering, higher loading capacity, and more dynamic operation.



Winter service for professionals



PROFESSIONAL USE IN STORMS AND SNOW GUARANTEED:

Lindner offers perfectly coordinated complete solutions for winter service professionals. With proven attachments such as snow plow, snow blowers and salt or grit spreaders, roads and paths are always kept clear for traffic.

Clean roads guaranteed



HIGH DEMANDS ON YOUR FLEET:

Clean roads make a significant contribution to reducing the risk of accidents. With the Lintrac and Unitrac, various equipment combinations are possible for a wide range of requirements. In addition to cleaning conventional roads, bike lanes and pedestrian areas can also be maintained.



Wide range of transportation options



THE RIGHT SOLUTION FOR YOUR REQUIREMENTS:

The Unitrac system frame makes it easy to change different attachments and is tailor-made for transport work. The optional loading crane turns the Unitrac into a municipal all-rounder.

Green area maintenance



PERFECT CARE FROM THE ROADSIDE TO THE CITY PARK:

With the powerarm, the Lintrac with its clearly laid out cab is tailor-made for road maintenance. The possible applications range from mowing roadsides to maintaining lawns in parks and green areas.



LINTRAC
with **NOREMAT**

for municipal professionals



Together with the French company Noremat, Lindner has developed special Lintracs for roadside maintenance.

The particularly maneuverable and compact models are aimed at professional service providers who want a professional solution for maintaining road and path networks. One highlight is the specially designed driver's cab. The powerarm with articulated arm works to the side of the driver. This gives him a good view of the attachment. A polycarbonate windshield is installed on the right-hand side. If a stone hits the windshield, the driver is protected. The driver controls the implements via a separate armrest with sliding arm support in the cab.



The „Lintrac with Noremat“ can be used to drive a powerarm or flail mower (with a reach of up to 5.40 m / 212 in). Professional attachments such as branch cutters, mulchers or guardrail mowers are also available. The „Lintrac with Noremat“ is also suitable for winter maintenance, lifting work, beach maintenance and much more. A continuous pump function enables work with rotating (such as weed brushes). A hydraulic freewheel mode helps to switch these off safely.

Ergonomic control armrest
A specially manufactured ergonomic control console enables stress-free working for many hours.



Specially configured carrier vehicle for professional users
The Lintrac with Noremat was developed with a conscious focus on visibility, ease of use, safety and versatility.





Lawn and green area maintenance

The particularly lightweight Lintracs, combined with turf tires, ensure optimum soil protection. The Lintrac masters obstacles with ease thanks to its 4-wheel steering.



Rail shunting

Whether in the sawmill industry or in the recycling industry, more and more companies are relying on environmentally friendly transport by rail. With the high-traction mode, the tractive force can be increased for special jobs. Safety for the driver is the top priority: this is ensured by a robust cage for the driver's cab.



Lawn care

The Lintrac is equally at home on flat terrain as well as steep mountain slopes. Thanks to its compact design and low weight, the Lintrac meets the requirements for sports field maintenance at the highest level.



Wheelchair user

The Lintrac is ideal for special conversions for people with physical disabilities thanks to its stepless transmission, its compactness and overview. The range extends from lift technology with swivel seat to radio throttle control.

Accessories



PLOWS & SPREADERS

The Lindner snow plows impress in professional winter service. Vario and side snow plows are available in various widths and blade heights. The two-part Vario VS-L snow plough is tailor-made for clearing junctions, roads with driveways and squares. The SRS-2L two-part side snow plow is designed for use in local areas and municipal roads. Thanks to its professional equipment, it is also ideally suited for use on extensive road networks. The release mechanism on Lindner snow ploughs is particularly practical. This means that the snow ploughs automatically avoid obstacles such as manhole covers.



FRONT LOADER

The Lintrac series is tailor-made for front loader work. The POM-L and POM-LX front loaders, which are produced by Austrian specialist Hauer, meet the highest demands. The fully hydraulic front loader with parallel guidance scores points with its complete equipment and lightweight design. The front loader shock absorber system reduces vibrations that occur when working on uneven ground - e.g. when transporting on the road or during winter service. The Synchro-Lock is a practical feature: tractor professionals can couple all hydraulic and electrical connections with a single movement.



SNOW GROOMER

Lindner has the Lintrac and Unitrac with caterpillar tracks in its range for the professional preparation of cross-country ski trails, toboggan runs or winter paths. Tracks increase traction and reduce ground pressure by up to 25 percent. Numerous perfectly matched attachments for winter professionals are possible: from the cross-country ski tiller to the 12-way blade.

powered by
mueller



SNOW BLOWING

Thanks to the largely mechanical power transmission with a small hydrostatic component, the efficiency of the continuously variable transmission is particularly high. The mechanical PTO delivers the full engine power to the implement without any losses. In foot throttle mode, the engine speed is directly linked to the accelerator pedal. Despite this, the driving speed can be kept constant - which is important when snow blowing. The snow blower can swiveled and tilted with one hand using the joystick on the armrest. Another technical highlight is the 4-wheel steering, for optimum maneuverability.

TRAC LINK



The TracLink system includes many useful functions that will make your work and reporting easier.

With the Lindner TracLink system, your vehicle becomes the most intelligent vehicle in its class: TracLink supports the operation of all attachments. The electronic logbook makes maintenance easier and documents the use of implements and routes. TracLink provides an optimum overview of cost and consumption data.

TracLink Portal

The TracLink portal provides comprehensive area and customer management. The map can be used to define deployment areas with just a few clicks. The TracLink telematics functions allow vehicles to be located in real time. The current driving speed, a digital logbook, operational documentation, performance reports and all vehicle information are available at a glance in the TracLink portal at all times (engine speed, hydraulic control units, tank levels & consumption, PTO status, temperatures, service information, operating hours and much more).

TracLink versions for professionals	BASIC Geotrac, Lintrac LS, Unitrac P5, vehicles from other manufacturers	BASIC WINTER Geotrac, Lintrac LS, Unitrac P5, vehicles from other manufacturers	PRO/SMART Unitrac LDrive, Lintrac LDrive
Access to the TracLink portal	X	X	X
GPS positioning & route log Position and deployment routes: Display on digital map	X	X	X
Operating time documentation Display of operating times in list form, export function	X	X	X
Customer management incl. map Online customer file with customer area recording on map	X	X	X
Alarm-Manager Alarm function by e-mail. E.G: Fill level alarm, service and operation timer, theft	X	X	X
Display of 2 digital signals Display in the online portal, e.g. PTO on/off	X		X
Plow position display via separate pressure switch		X	X
Connection Winter service spreader via activated data interface on the Spreader control panel		X	X
PRO / SMART device detection Detection of registered devices on the IBC monitor incl. operating aid and automatic settings on the vehicle			X
3-year warranty with TracLink	X*	X*	X*
Warranty extension (up to 6 years)			X**
Goodwill extension (up to 5 years)	X	X	X
TracLink Reports (annual, monthly) Winter service forecast	X	X	X

* for Lindner new vehicles ** only for Unitrac LDrive

TracLink device recognition



TracLink Report

The TracLink portal provides you with space and customer management. With just a few clicks on the map, you can define your own or another customer's maintenance areas. So, for example, you can easily display monthly accounts for winter service operations - with all the important information about operating time, area cleared and amount of salt applied - at a glance. Gritting reports can be created in a few simple steps and printed out at any time



TracLink Smart

The Lintrac 130 is the first tractor to be equipped with TracLink Smart as standard. Each implement can be fitted with a TracLink Smart tag. The Lintrac recognizes which implement is being used via Bluetooth. The automatic implement recognition system records every job in detail without the driver has to make configurations himself. Hydraulic flow rates, engine and PTO speeds and hand throttle can be set automatically and optimally.



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