



# LINTRAC 160



# Pioneering spirit since over 75 years



Lindner is a family business that has been living the pioneering spirit of its founder, Hermann Lindner, for four generations. His goal of supporting farmers through technical innovations and making their work easier is still our driving force today. Our customers want to be quality leaders and produce high-quality products. We have been able to meet these demands through continuous new developments in our 75-year company history. The growing challenges in agriculture and the municipal sector require ongoing adjustments to production processes. With the trend towards higher area productivities and more powerful work assignments, we ensure with the Lintrac 160 LDrive that Lindner drivers will continue to be able to efficiently perform demanding tasks with a powerful tractor in the future.

From left:  
Ing. Stefan Lindner,  
Manuel Lindner MSc,  
Mag. David Lindner,  
KR Mag. Hermann Lindner,  
Ing. Christoph Lindner,  
Rudolf Lindner

## Success story

The Tyrolean family business Lindner has been in existence since 1946. Tractors have been built since 1948. Today, highly trained employees at the factory in Kundl in Tyrol manufacture modern vehicles that make the work of professionals easier with practical solutions. Lindner's primary corporate goal is customer satisfaction. As a specialist in all-wheel drive tractor construction, Lindner has been delighting its customers for decades with practical and innovative new developments.



## Mountain and grassland

The continuously variable Lintrac is ideal for alpine mountain and grassland farming – from mowing to hay harvesting. The 4-wheel steering ensures above-average maneuverability and makes the Lintrac 160 LDrive the most maneuverable model in its performance class.



## Municipal use

The Lintrac is tailor-made for year-round municipal use. Thanks to the simple LDrive operation, drivers can concentrate fully on their work. The Lintrac scores highly as a productive implement carrier: from snow clearing and salt spreading to transport.

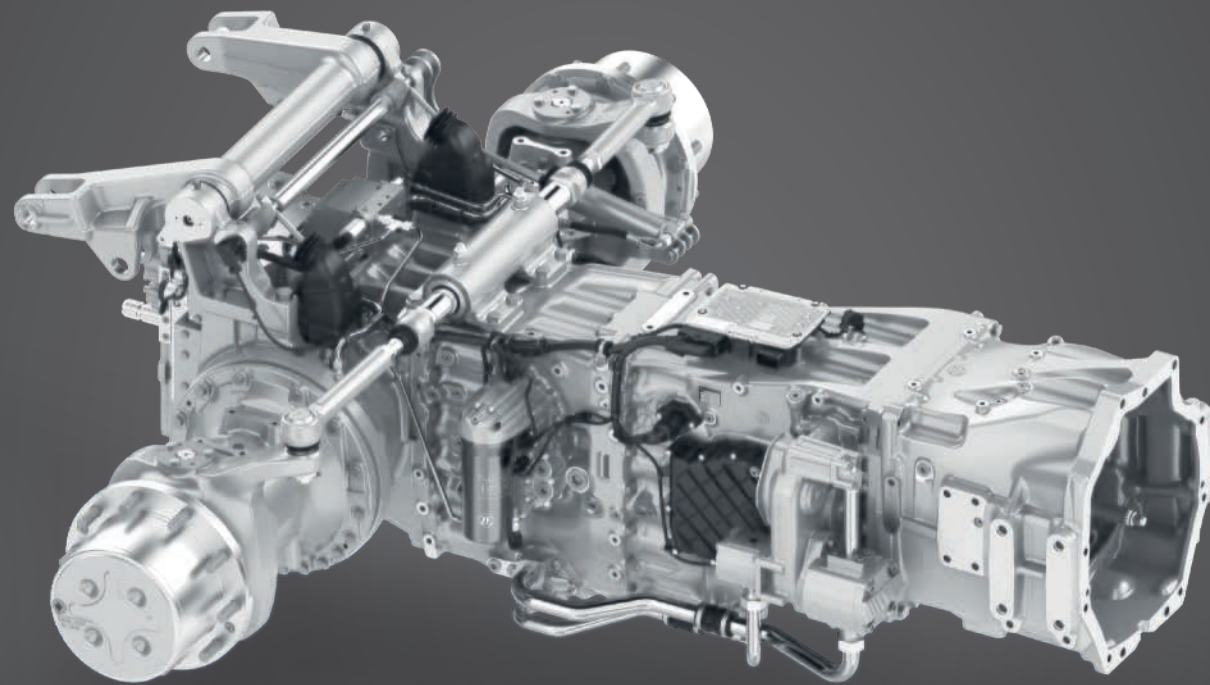


## Arable farming and crop cultivation

With its powerful FPT engine and high-performance hydraulics from BOSCH-Rexroth, the Lintrac 160 is ideally equipped for field work. In row crops, the 4-wheel steering offers optimum maneuverability and soil protection.

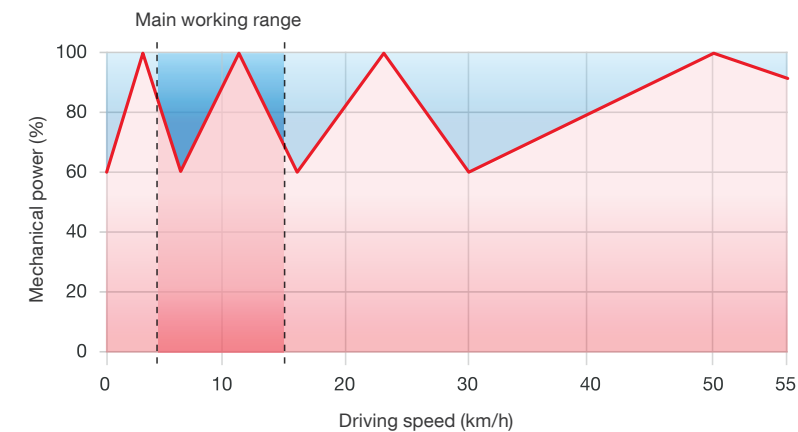
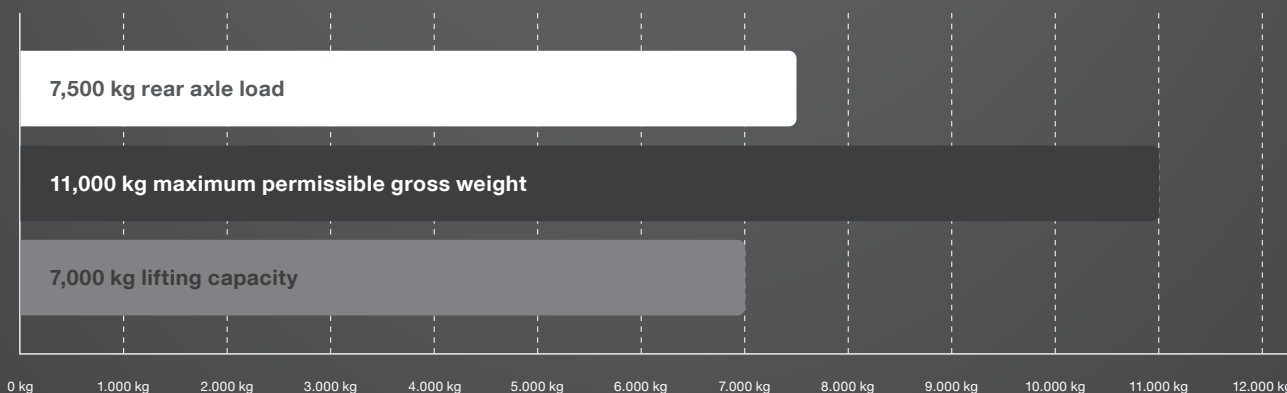


# Continuously variable ZF transmission



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

The completely redesigned TMT14 continuously variable transmission was developed for the performance of the Lintrac 160 LDrive. High power consumption combined with a compact design was particularly important. Thanks to the largely mechanical power transmission with a low hydrostatic component, the transmission is particularly efficient. Driving is continuously variable from 0 km/h to +50 km/h with reduced engine speed (1660 rpm).

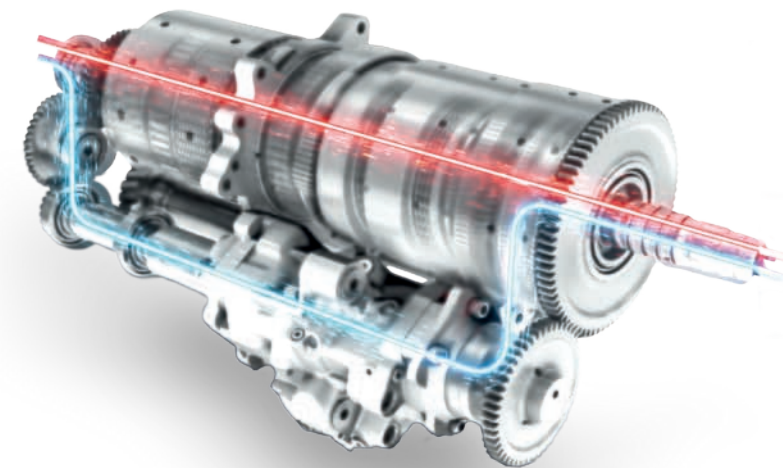


## Powerful work and economical transport

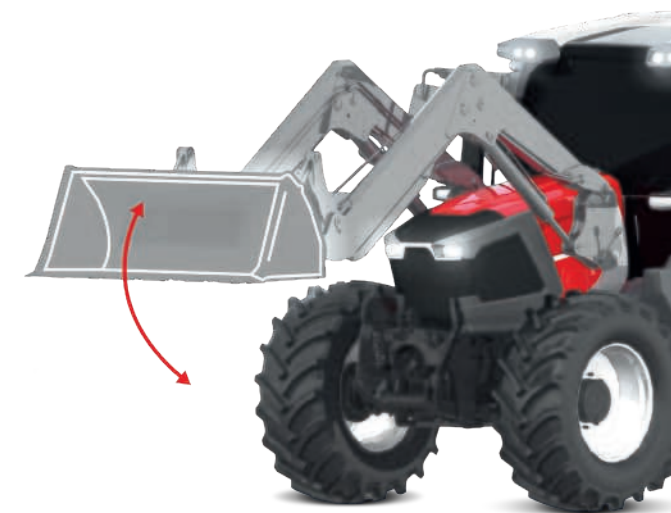
The TMT14 is designed for travel speeds of up to 50 km/h. In the transport range, the transmission ratio is designed for particularly economical driving at low speeds. The continuously variable transmission always converts more than 60% and, depending on the area of application, up to 100% of the available power mechanically. This achieves a particularly high degree of efficiency.

## The Lintrac SmartLift Front Loader mode enables automatically controlled, highly precise and sensitive operation at the touch of a button.

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.



- Mechanical power
- Hydrostatic power



## Advantages of stepless transmission

- permanent traction
- continuous starting
- fuel-efficient driving with reduced speed at 50 km/h
- independent control between driving and PTO speed
- active standstill control
- automatic parking brake (APB)

## 4-speed PTO

The powerful rear PTO has 4 PTO speeds (540, 540E, 1000, 1000E) and guarantees the right PTO speed for a wide range of tasks.

## Fuel-optimized driving

When the maximum driving speed is reached, the engine speed is automatically reduced to the lowest level necessary to maintain the speed. This reduces fuel consumption and at the same time ensures a lower noise level in the cab.





# Excellent all-round visibility

## The panoramic cabin fulfills all requirements for long driving

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.

### Optimal climate & minimal noise level

Whether in snow storms or on hot summer days, the standard automatic climate control system offers driving comfort all year round. The heated windshield with acoustic glazing (standard) also ensures quiet driving.



### Portable cooling box

The practical solution for hot days: the mobile cool box keeps drinks at a refreshing temperature during long working days and has space for up to six 0.5-liter bottles.



# Ergonomic workplace

## Maximum visibility & first-class comfort

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.

### Roof window

The openable roof window guarantees the best view from the floor to the maximum reach height of the loader.

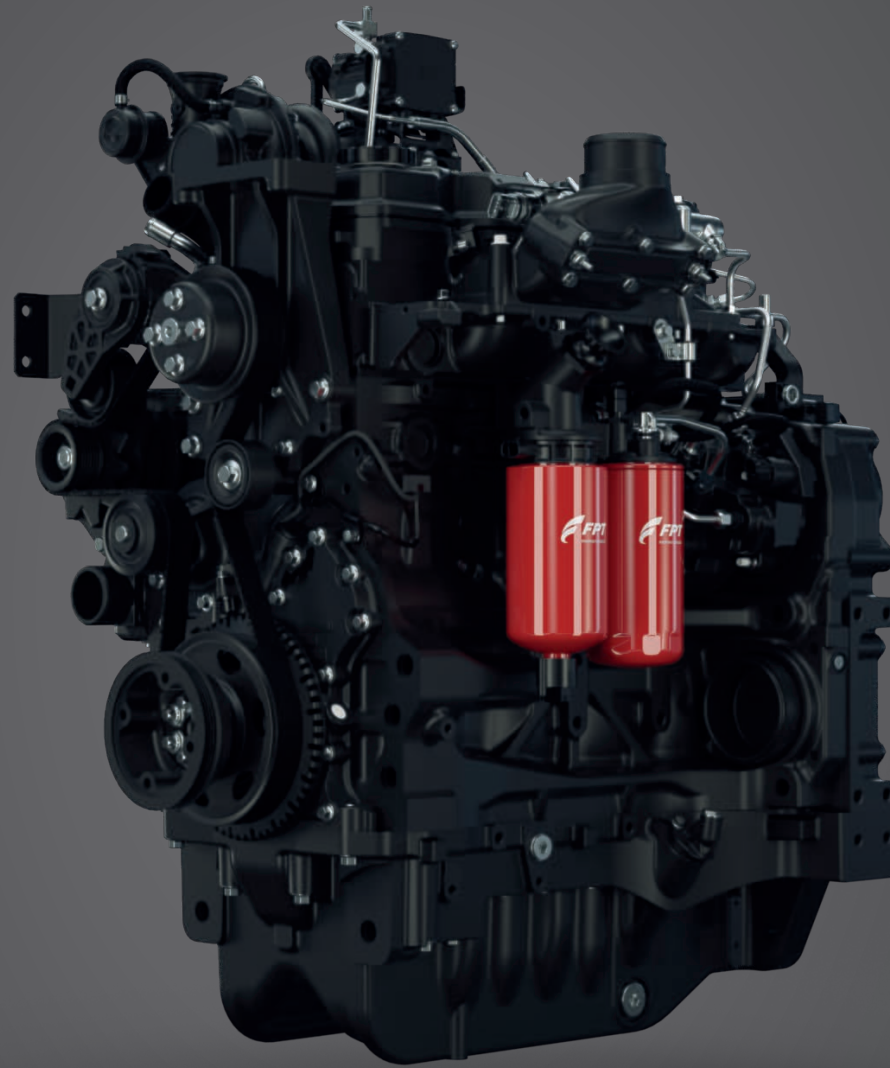
### Multifunctional armrest

In addition to driving, attachments can also be operated without changing position. Furthermore, all important settings can be viewed at all times on the display.



# FPT-Engine

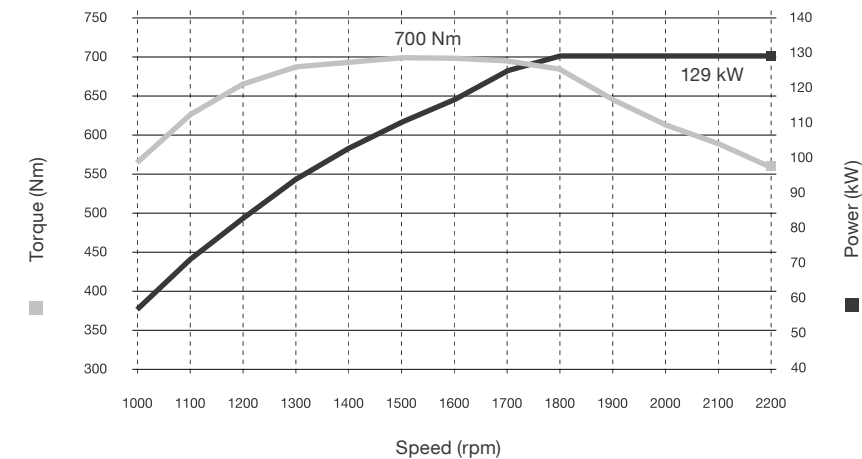
POWERED BY  
**FPT**



## Powerful engine for maximum reliability

The Lintrac 160 LDrive is powered by an FPT engine with a capacity of 4.5 liters and common rail injection, delivering 129 kW / 175 hp. It develops an enormous torque of 700 Nm at 1500 rpm – a powerful engine for demanding applications.

## LINTRAC 160



## Consumption-optimized maximum performance

Precise monitoring of intake air and engine temperatures enable particularly accurate injection. Optimal power delivery and low fuel consumption are the hallmarks of this high-performance unit.

When idling, the super low idle mode further reduces the engine speed, saving fuel and reducing noise levels.

## Designed for durability

The slim design of the exhaust aftertreatment system and the robust turbocharger make this engine series the ideal drive unit for the Lintrac 160 LDrive – a durable solution for demanding applications. Thanks to the intelligent design of the HI-eSCR2 system, the Stage V solution retains its compact dimensions despite high cooling requirements.



## Perfect for cleaning

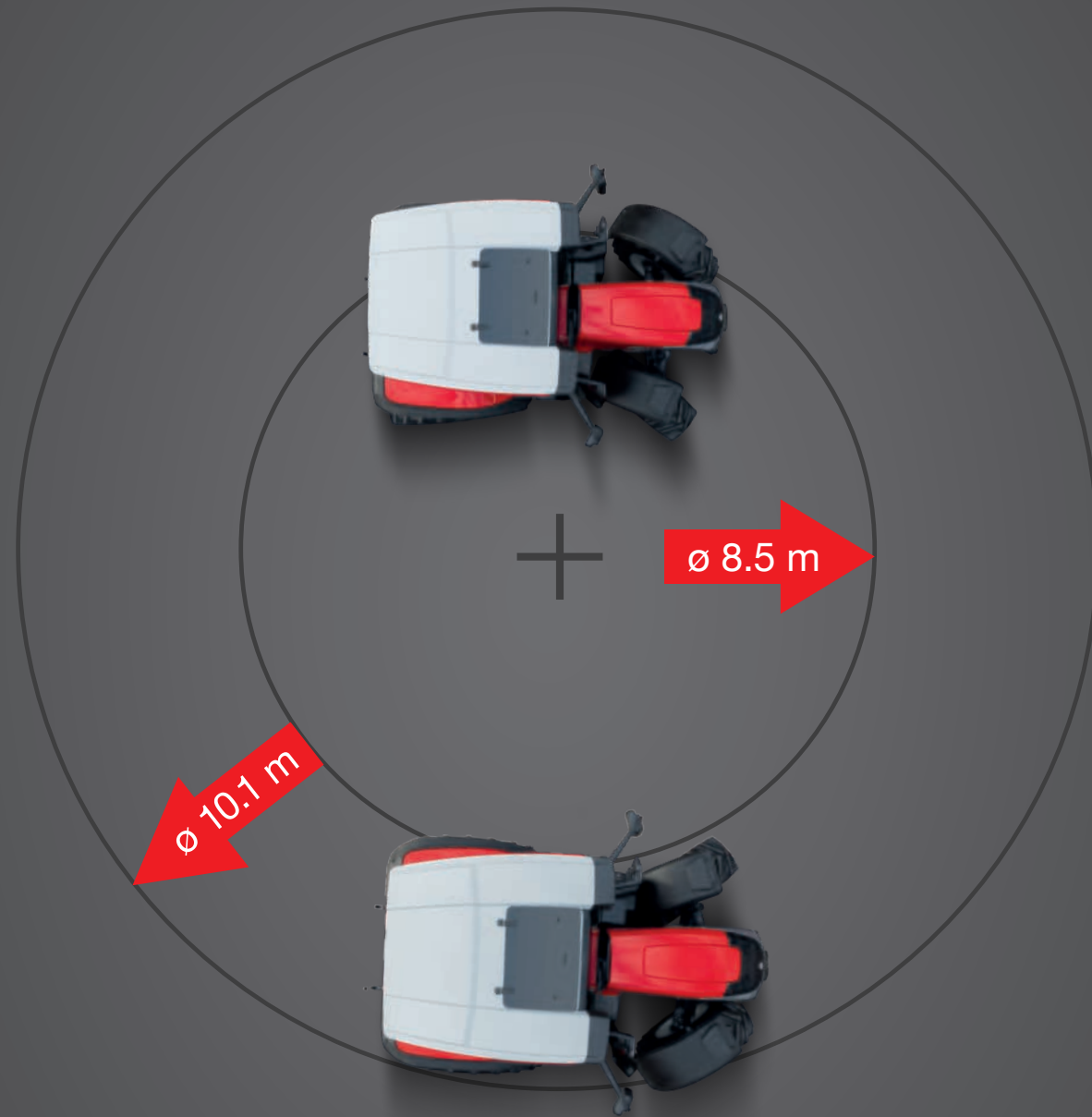
The engine hood opens automatically after unlocking by means of gas pressure springs. The optimal distance between the radiator makes them particularly easy to clean.



## Intelligent engine cooling

The engine cooling system is demand-controlled by the viscous fan. This allows the engine to reach its consumption-optimized operating temperature more quickly.

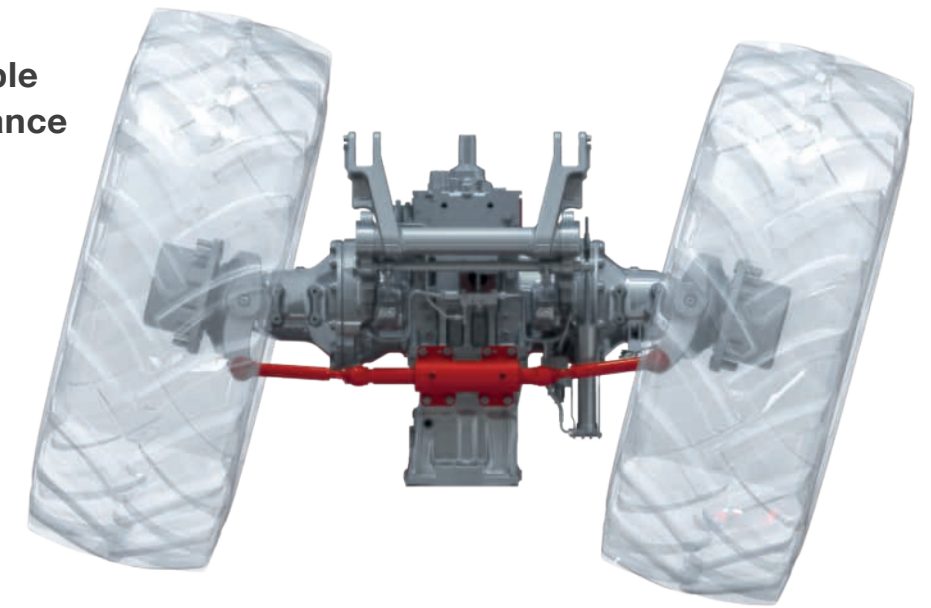
# 4-wheel steering



## Power and maneuverability combined in one vehicle

The 4-wheel steering in the Lintrac has already proven itself in practice for more than 10 years. During development, Lindner was able to build on decades of experience with 4-wheel steering in the Unitrac transporter. Extremely stable steering heads made of a special alloy are used. On request, the rear axle can rotate up to 20°, giving the Lintrac 160 LDrive unmatched maneuverability in its performance class.

## The most maneuverable tractor in its performance class



### Agile and maneuverable

With its 4-wheel steering, the Lintrac 160 LDrive achieves an outstanding track circle diameter of 8.5 m. 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.



### Tight radii, big impact

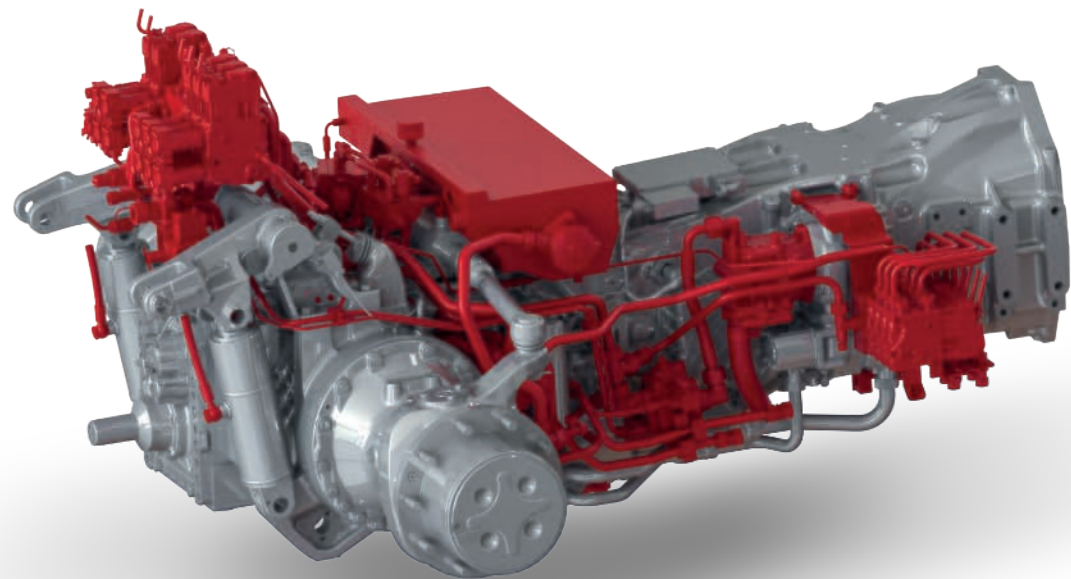
Whether for front loader work on the farm, changing rows in the crops, or in narrow passages, the steered rear axle guarantees directional stability, prevents damage to the ground, saves time, and makes work a pleasure.

### Lintrac with rear-axle steering – a proven steering system for all situations

The Lintrac 160 features rear-axle steering with newly designed steering heads for larger tire dimensions. The steering linkage is routed under the cab. This results in maximum usable attachment space at the rear



# Intelligent hydraulics



## The high-performance hydraulics from BOSCH-Rexroth with variable displacement pump deliver 120 l/min.

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.



### Driving information

The driving display on the I.B.C. Monitor PRO provides all relevant vehicle information in real time. The I.B.C. Monitor PRO is mounted on the steering column and automatically adjusts when the position of the steering wheel is changed, remaining optimally in the field of vision at all times. You can switch between views with a simple swipe using the touch control.



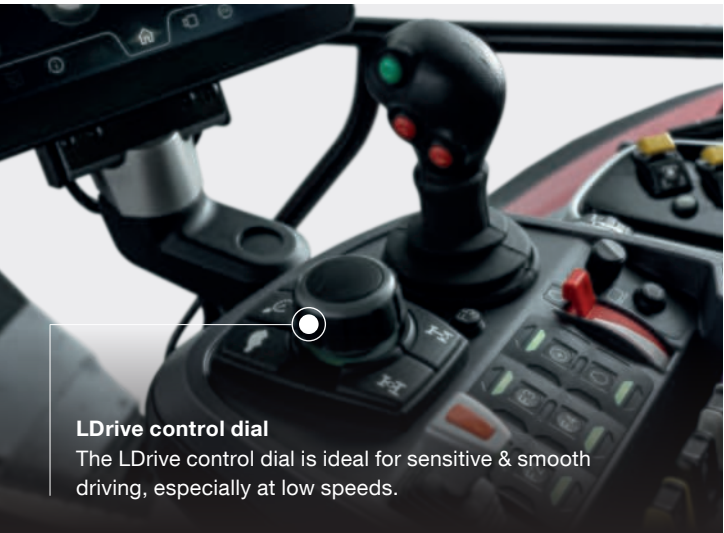
### Hydraulic monitoring

The Lintrac 160 comes standard with 5 electrohydraulic control units that can be individually adjusted via the monitor. The driver can set the flow rates and program time intervals, float position, or lock, or even prioritize the supply of hydraulic power to the individual control units.

# LDrive-Operation

## Get in and drive: the simple LDrive control dial makes every driver a professional.

Driving the Lintrac is easy: start the engine, select the direction, accelerate, and steer. If you want to work particularly efficiently, use the LDrive control dial on the armrest. When „LDrive“ is activated, turning the dial adjusts the driving speed continuously and dynamically. Quick selection buttons are available for all-wheel drive, differential, cruise control memory, creep function, hand & foot accelerator mode, and the various driving modes.



**LDrive control dial**  
The LDrive control dial is ideal for sensitive & smooth driving, especially at low speeds.

### All driving functions at your fingertips

The most important driving functions are combined on the LDrive control dial: function keys for creep mode, cruise control, and foot throttle mode are located at the front. The rear keys activate all-wheel drive and differential.

Pressing the control dial starts LDrive. This allows the driving speed of the Lintrac to be continuously accelerated or braked by turning the dial. The driving speed range can be limited to 30, 25, or 15 km/h using creep mode.

### Precise control

At the touch of a button, the foot pedal and LDrive spread can be adjusted for the respective application while driving. This allows the driving speed to be finely and precisely controlled when loading or working in the field.

**LDrive-Stick**  
The LDrive Stick allows drivers to accelerate and deaccelerate more directly, especially for transport work.

# Mounting points

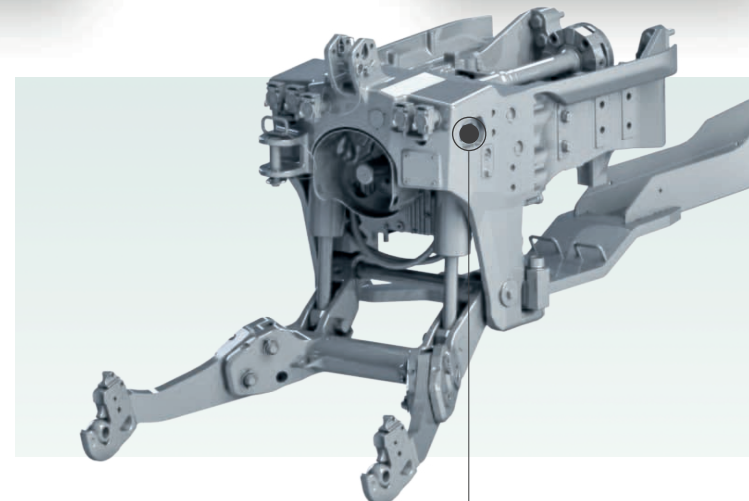
## Rear linkage with 4-speed PTO, front hydraulics and front PTO.

The standard suspended front axle with independent wheel suspension ensures optimum smoothness and driving comfort at speeds of up to 50 km/h. The level control allows the front axle to be raised or lowered continuously by up to 10 cm. This makes it even easier to attach attachments with particularly low mounting points even more convenient.



### Lift & pressure

The front linkage can be conveniently switched between single-acting and double-acting hydraulics depending on the application.



### Practical operation

In addition to the front lift, a hydraulic control unit can also be operated at the front of the tractor. This makes changing implements a breeze.

### Rotating beacons

The four integrated rotating beacons in „Edge design“ minimize the overall height and ensure maximum visibility.



# Light

## Intelligent lighting concept

The Lintrac 160 LDrive scores with an innovative lighting concept that meets the high demands of long working days. Thanks to the use of LED technology throughout, an exceptionally long service life is achieved.



### Design meets dynamics

The dynamic flashing indicators, together with the LED rear light arch, create an impressive light signature.



### Optimal visibility

The LED rear light arch ensures optimum visibility in the dark.



# TRAC LINK

## The TracLink system includes many useful features that will make your job easier and more traceable.

The Lindner TracLink system turns your vehicle into the smartest vehicle in its class: TracLink supports the operation of all attachments. The electronic logbook facilitates maintenance and documents the use of equipment and distances traveled. TracLink provides an optimal overview of cost and consumption data.



### TracLink Pilot ready

The TracLink Pilot ready package for the Lintrac includes a special steering unit that transmits the steering movement from the steering wheel to the axle. A GPS steering system can be connected to the Orbitrol via the electronic input. On request, RTK can be used to achieve accuracy of up to 2 cm.



### TRAC LINK SMART



### TracLink Portal

The TracLink portal offers comprehensive area and customer management. With just a few clicks, you can define areas of use on the map. The TracLink telematics functions allow vehicles to be located in real time. The current driving speed, a digital logbook, job documentation, performance reports, and all vehicle information are clearly available at any time in the TracLink portal (engine speed, hydraulic control units, tank levels & consumption, PTO status, temperatures, service information, operating hours, and much more).



### TracLink Smart

The Lintrac is the first tractor to be equipped with TracLink Smart as standard. Each attachment can be equipped with a TracLink Smart tag. The Lintrac recognizes which implement is being used via Bluetooth. Automatic implement recognition records every job in detail without the driver having to make any configurations. Hydraulic flow rates, engine and PTO speeds, and manual throttle can be optimized automatically.





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| Rear tires         | Front tires       | Length (A)      | Wheelbase (B)   | Max. width (C)  | Max. height (E) | Track (D)       |
|--------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 600/65 R34         | 480/65 R24        | 4.640 mm        | 2.640 mm        | 2.480 mm        | 2.916 mm        | 1.890 mm        |
| 650/60 R34         | 480/65 R24        | 4.640 mm        | 2.640 mm        | 2.500 mm        | 2.921 mm        | 1.850 mm        |
| <b>540/65 R38*</b> | <b>440/65 R28</b> | <b>4.640 mm</b> | <b>2.640 mm</b> | <b>2.407 mm</b> | <b>2.935 mm</b> | <b>1.890 mm</b> |
| 600/65 R38         | 480/65 R28        | 4.640 mm        | 2.640 mm        | 2.481 mm        | 2.972 mm        | 1.890 mm        |
| 650/65 R38         | 540/65 R28        | 4.640 mm        | 2.640 mm        | 2.488 mm        | 2.998 mm        | 1.850 mm        |

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 cm<sup>3</sup> / water

**Max. torque** 700 Nm at 1500 rpm

**Front axle** Independent suspension

**Transmission** TMT14-ZF continuously variable transmission, continuously variable power split with 4 driving ranges, 0.00 - 50 km/h at 1660 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

**Front PTO (optional)** 1000 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

**Max. flow rate** 120 l/min - 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

**Permissible total weight** 11,000 kg

**Max. front axle load** 4,500 kg

**Max. rear axle load** 7,500 kg

**Mass weight** 6,800 kg (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