

TELEHANDLER ERT2860



Contact Us

Tel: +86-532-80997859

Mob/Whatsapp: +86-18661725881

Email: info@everun.com

www.everun.com



ERT2860 TELEHANDLER



The ERT2860 telehandler is the powerful all-rounder within the telehandler class with a lift height of 6 m. With its 2.8t payload and compact dimensions of below 2m in width and height, it handles a wide range of application tasks. The **integrated load sensing system** ensures high level of operation experience, energy saving, low noise and increases the operating comfort

The ERT2860 is characterized by:

- **Comfortable cabin with excellent ergonomics and all-round visibility.**
- **Electronic controlled drive system is based on continuously variable hydrostatic transmission.**
- **Sturdy telescopic arm with the best view of the attachment.**
- **Large range of available options.**
- **Modern machine design.**
- **High energy efficiency, precise operation, and excellent controllability.**

The transversely installed engine and the optimized arrangement of components ensure for really good maintenance accessibility. The ERT2860 combines power, reliable hydraulics and compact dimensions with sophisticated technology and a strong price-performance ratio.

Compact dimensions in the 2x2m class

Our compact Everun telehandlers are both under 2 meters in width and height. This makes them perfectly suited for use in confined spaces and unique in their combination of lift height, width, and machine performance.

All telehandlers in our compact series have a particularly small turning radius. This maneuverability makes the machine highly versatile on any job site.



Flow Sharing & Flow Supplying Per Demanding

Flow Sharing enables the operation of several functions under constant hydraulic pressure. This enables simultaneous work movements, such as lifting/lowering the attachment and rolling in/out in parallel.

Thanks to the perfect combination of a load-sensing and electro-proportional system, the ERT2860 can easily achieve highly precise, energy-efficient, and controllable motion, along with a high level of operational comfort, which in turn boosts productivity.



Self-Adapting for Working System Pressure and Oil Flow

The load-sensing hydraulic system constantly adjusts pressure and flow to match the exact demands of the load. This makes the system highly energy-efficient and adaptive, as it only uses the power necessary for the task. This intelligent control also reduces operating noise and enhances the overall stability and reliability of the hydraulic system.

Ultimately, oil volume adjustment guarantees a more comfortable and efficient working experience with both the machine and its attachments.



A Multi-Tool for Diverse Applications

Work tasks for a single operation can be incredibly diverse, much like the Everun's attachments themselves. Our extensive and well-designed range of attachments transforms every machine model into a versatile, multi-functional tool.

Using a variety of different attachments significantly increases a machine's economic efficiency.



High-quality powder coating

Compared to traditional wet paint, our durable powder coating offers superior corrosion protection, which significantly extends the machine's lifespan and helps it retain a high resale value.

The process is also particularly environmentally friendly because it reclaims and reuses unused powder, minimizing waste.



Optimal Tires

The correct tire selection provides more than just maximum traction. It also ensures minimal wear and a more comfortable ride, which not only extends the service life of the tires but also improves overall economic efficiency.

Tire Options for Maximum Flexibility

To achieve optimal performance on any surface, a variety of specialized treads are available for selection depending on the model:

EM Tread

AS Tread

SureTrax Tread

RP Tread

MPT Tread

Multi-use Tread

Bibload Tread

This ensures you have the flexibility to configure your machine with the best possible tires right from the factory.



100% Connectible Differential Lock

Compared with a self-locking differential, the connectible 100% differential lock ensures maximum traction and thrust power where required. This increases the machine's efficiency.

The differential lock is switched off during normal traction drive, this provided safety and causes less tire wear, thus saving in operating costs.



Sturdy Telescopic Arm

The robust, center-mounted telescopic arm is designed to prevent twisting, ensuring stability under load.

With a hydraulic parallel guide and maintenance-free internal sliding elements, it significantly reduces wear and extends the machine's service life.



High Hydraulic Performance

An Evering machine's ample hydraulic performance makes it the ideal multi-tool for operating a wide range of attachments.

This flexible combination of machine and hydraulically-powered attachments allows you to handle countless work tasks.

The key advantage is that high hydraulic performance saves you money by eliminating



Easy-To-Read Digital Display

A digital round display comes standard, with a larger 7-inch display available as an option. In addition to basic readouts like temperature, tank level, and operating hours, the displays also show active functions such as:

Activated electrical features

Continuous operation of the 3rd control circuit

Current operating mode

Engaged differential lock

Mounted on the right side of the dashboard, the display is always in the operator's line of sight without obstructing their view.

The standard display is controlled using arrow keys, while the 7-inch display features an intuitive jog dial. This user-friendly design makes operation simple and comfortable for the operator.



Exceptional Maneuverability in a Compact Design

The machine's compact design and directional stability ensure exceptional agility and maneuverability.

This ideal size makes it possible to perform work effortlessly in confined spaces.



Continuously Variable Hydrostatic Transmission

Powerful and Efficient: The high-pressure hydrostatic system generates significant torque, providing excellent pushing power and ensuring superior hill-climbing ability. You get maximum performance without the need for manual gear shifts.

Precision Speed Control: The system's stepless design gives you complete control over your travel speed, allowing for smooth acceleration and deceleration. This high degree of control is crucial for delicate tasks, letting you work with extreme precision even in challenging conditions.

Enhanced Drivability: Since there are no abrupt gear changes, the ride is smoother and more comfortable, reducing operator fatigue during long workdays. This also protects the driveline from unnecessary stress, contributing to the machine's overall longevity.



8/25 km/h High-Speed Drive

With optional engine versions, the machine can travel at speeds of up to 25 km/h. This saves valuable time when moving from one location to another, directly boosting your overall productivity.

Efficient Change of Attachments

Thanks to the hydraulic quick hitch system, you can change attachments quickly and comfortably. Excellent visibility of the quick hitch plate makes coupling attachments easy, while the 2-handed operation ensures an exceptionally safe changeover.

Because the machine can be put back into operation immediately after a tool change, your productivity and economic efficiency are significantly increased.

Consistent Operating Philosophy

All Everun machines share a consistent operating philosophy with clearly divided and ergonomically assigned switches and keypads. Because the controls are similar, if not identical, across all models, operators can quickly become familiar with different machines and work productively.

Variety of Configurations

Everun machines come standard with a comprehensive, high-quality equipment package. Beyond this, you have the flexibility to individually configure key components such as the engine, drive, cab, and hydraulics.

This ensures your machine is perfectly tailored to your specific demands and preferences, guaranteeing optimal performance for your application.

Optimal Service Friendliness

For routine service and maintenance, the engine hood can be opened with just one hand. This provides quick and easy access to key components such as the hydraulic oil tank, air filter, engine oil fill, dipstick, and coolant.

This streamlined maintenance process maximizes machine uptime and optimizes operating costs.

Pressure Release for Attachments

This machine's integrated pressure-release function simplifies a common challenge, allowing you to change hydraulic attachments quickly, safely, and without any tools.

After turning the engine off, you can simply operate the joystick to instantly relieve any residual pressure in the hydraulic lines. This eliminates the need for manual force or wrenches, making it easy to connect and disconnect attachments.

By making attachment changes effortless and secure, this smart feature significantly reduces downtime and enhances overall productivity on the job site.



Adjustable Steering Wheel and Steering Column

The steering wheel and column can be extensively adjusted for both height and tilt. This allows every operator to find a highly ergonomic position, enabling them to work comfortably and with full concentration.

Front And/or Rear Electrical Connections

The machine can be optionally equipped with front and/or rear electrical connections. As a result, it can operate electrically powered auxiliary functions on attachments, such as a sweeper with a water-spray facility. Furthermore, hydraulic attachment auxiliary functions can be comfortably switched via the joystick.

These electrical functions (momentary/latching) can be individually assigned to the various operating elements of the joystick as desired.

The front and/or rear electrical connections ensure the machine can operate a number of different attachments, which again expands the machine's application range.



Pressureless Return With Overflow Oil Line

Certain attachments with a hydraulic motor require a pressureless return flow. Hydraulic oil is directed through a separate, large-diameter line, passing through the oil cooler and filter before returning to the hydraulic oil tank. This cools the returning oil and prevents increased dynamic pressure, thereby protecting both the machine and its attachments.

When required, a dedicated leakage oil line guides excess oil from the hydraulic motor back to the tank at a maximum pressure of 2 bar. This minimizes the housing pressure within the hydraulic motor, which significantly extends its service life.



Flexible Trailer Operation

Towing Capabilities

The machine can be equipped with an optional trailer coupling, allowing you to tow a trailer. You can choose from a variety of systems. This expands the machine's versatility and provides greater flexibility, as no additional towing vehicle is required.



Ergonomic Joystick

The joystick fits securely and comfortably in your hand, providing direct yet sensitive control. This gives the operator constant, precise command over the machine and its most important functions.

Beyond standard functions like selecting travel direction and speed, the joystick can also operate a range of other features depending on the model, including:

The differential lock

3rd and 4th control circuits

High-Flow

All electrical functions

This concentration of controls allows for comfortable one-handed operation of attachments. By keeping the most important functions right at your fingertips, the joystick ensures you can work comfortably for extended periods, significantly increasing overall efficiency.



Three Types of Steering for Maximum Flexibility

For maximum maneuverability and flexibility, three types of steering are available, allowing operators to precisely maneuver in tight areas and drive safely at high speeds.

Three Steering Modes:

All-wheel steering: Provides ultimate agility and power development in the smallest possible area.

Front-axle steering: Ensures safe operation, even at high travel speeds.

Crab steering: Enables precise sideways movement for shunting in confined spaces.



Manual Throttle

The hand throttle enables the manual setting of a constant rpm for optimal operation of an attachment. The variable setting is performed comfortably and precisely via a corresponding potentiometer.

The manual throttle ensures comfortable and focused working with attachments, e.g. a sweeper, a hedge cutter, or a mulcher, even over a longer period of time.



Hand Throttle Mode (slow operational facility)

The machine is equipped with a Hand Throttle Mode, a function that allows the machine to achieve very slow travel speeds while maintaining any desired constant engine RPM.

This offers a significant advantage when using attachments that require a consistently high RPM but a very low travel speed. The Hand Throttle Mode enables you to work comfortably and with full concentration, even for extended periods, when using attachments like sweepers, hedge cutters, or mulchers.



Reversing Camera for Safety

The high-quality wide-angle rear camera significantly enhances safety by providing the driver with a clear view of areas that are difficult to see. Its image is automatically shown on the optional 7-inch display whenever you put the machine in reverse.

Because the camera is factory-installed, you won't have to deal with the annoying or intrusive cables that often come with aftermarket solutions, ensuring a clean and professional look in the cabin and on the front of the vehicle.



Easily Accessible Machine Components

To ensure proper and effective maintenance and guarantee operational safety, it is essential to regularly lubricate all of a machine's grease points.

All lubrication points are located in easily accessible positions. This simplifies the workload and saves time, making routine lubrication particularly easy. As a result, this practice increases the machine's service life and enhances its resale value.



Flat-Face Hydraulic Couplings

Easy & Clean Attachment Changes

Flat-face hydraulic couplings make changing attachments easy, fast, and clean. Their design allows for simple cleaning, which minimizes contamination to the entire hydraulic system. With virtually no spillage when coupling hoses, your hands, the machine, the attachment, and the ground stay clean.

The couplings can be connected even under pressure, saving you valuable time during changeovers. Since all coupling types are mounted on a single bulkhead, they are also easily accessible.



Working Area Illumination

To ensure proper and effective maintenance and guarantee operational safety, it is essential to regularly lubricate all of a machine's grease points.

All lubrication points are located in easily accessible positions. This simplifies the workload and saves time, making routine lubrication particularly easy. As a result, this practice increases the machine's service life and enhances its resale value.

Air-Conditioning System

The air conditioning system ensures a comfortable working environment inside the cab, even in warmer ambient temperatures. It features a high airflow rate and optimized cooling capacity, with controls and air nozzles always positioned for the best possible operation.

The air conditioning system significantly enhances operator comfort. By reducing stress in high temperatures, it enables a fatigue-free working state.



Good Visibility of The Load

Telehandlers are a key advantage for high-stacking applications, as an unobstructed upward view is essential for safely positioning loads at great heights. That's why the cab and windshield on Everun telehandlers are uniquely designed to give the operator a clear view of the load, even at maximum lifting height. To ensure optimal visibility in all conditions, the machine is equipped with three windscreen wipers on the front, rear, and roof.

Good All-Round Visibility

The cabin ensures an excellent overview of the attachment, the immediate area of work, and the entire machine's surroundings. In combination with the sloping engine hood, the deep-drawn side window to the right and the high seating position guarantee optimal visibility.

The good all-round visibility increases safety across the machine's whole working area.

Good Visibility to The Right

While many telehandlers have insufficient right-side visibility, Everun's design ensures an optimal view.

This is achieved through a large right-side window, the low positioning of the telescopic boom, and a steeply sloping engine hood. As a result, the operator gets a clear view of the machine's entire right side and mirror, which significantly enhances operational safety.



Comfortable Working Environment

The spacious and With a highly efficient heating and ventilation system, including a fan, fresh air filter, and strategically placed air nozzles, Everun cabins provide a comfortable working climate.

A sufficient number of air nozzles are installed in all cabin versions to guarantee optimal air circulation, creating a pleasant and consistent environment for the operator.

Comfortable & Ergonomic Cabin

With ample legroom, a comfortable operator's seat, and an excellent view of the attachment, this workspace is designed to motivate and fully support the operator.

The intuitively arranged controls and carefully coordinated equipment enhance operator comfort, enabling them to work efficiently and productively for extended periods.

The spacious and comfortable cabin is designed with the operator in mind. It meets the latest European safety guidelines for both ROPS (Roll Over Protective Structure) and FOPS (Falling Object Protective Structure), and provides ample head and legroom for unrestricted movement.

The full glazing and deep-drawn windshields provide an excellent, unobstructed view of the attachment and the entire work area, guaranteeing the operator can always see their surroundings and work safely.

Inside, the cabin features exceptional ergonomics with a generous amount of space and many individual configuration options. It also provides protection against the elements, allowing operators to work in comfort and maintain focus, even in challenging weather conditions.



Ventilation as Required

These diverse ventilation options ensure fresh air in the cabin even without using the air conditioning, which increases operator comfort in warmer ambient temperatures.

Easy Entry and Exit

For safe and easy entry and exit, the Everun telehandler cab features large, slip-resistant steps and conveniently placed handles. This design enhances operator safety and comfort every time they get in or out of the machine.



Comfortable and Ergonomic Operator's Seat

With ample legroom, a comfortable operator's seat, and an excellent view of the attachment, this workspace is designed to motivate and fully support the operator.

The intuitively arranged controls and carefully coordinated equipment enhance operator comfort, enabling them to work efficiently and productively for extended periods.

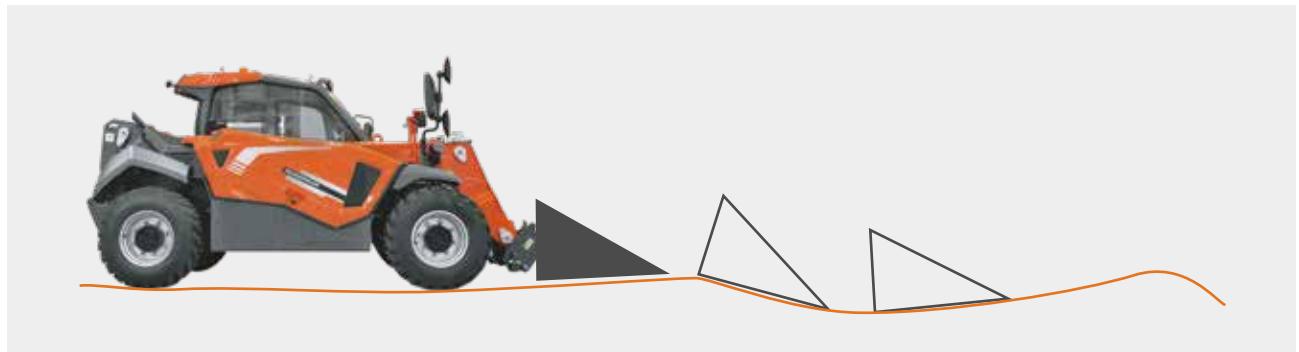
Floating Function

Improved Efficiency and Speed: The operator doesn't have to manually adjust the boom's height to account for uneven ground, saving time and allowing them to work faster, especially during scooping, leveling, or pushing tasks.

Enhanced Machine and Attachment Lifespan: By allowing the boom to float, the system absorbs shocks and prevents excessive strain on the machine's frame, boom, and attachments. This reduces wear and tear, extending the equipment's service life.

Reduced Ground Damage: The ability of the attachment to float smoothly over the ground prevents gouging and scraping, which is crucial for jobs like road maintenance, landscaping, or farming where preserving the ground surface is important.

Increased Operator Comfort: The boom's ability to absorb vibrations and shocks from uneven terrain provides a smoother ride, reducing operator fatigue and increasing comfort during long workdays.



Economic Efficiency: Built for Productivity

For any successful operation, economic efficiency is crucial. Everun machines are engineered with advanced solutions that deliver superior performance and speed. A powerful drive system, strong thrust power, and high cylinder speeds ensure rapid, efficient maneuvering on the job site.

Our commitment to efficiency extends beyond speed. The machines are built for long-term value, with features designed to reduce costs and downtime:

Durable components: High-quality powder-coating and hardened bolts ensure less wear

Reduced downtime: Good service accessibility and an efficient quick hitch system for attachments make maintenance and tool changes faster.

Flexible driving speeds: Easily adapt to different tasks, ensuring optimal performance for every job.

By combining rapid, powerful performance with long-term reliability and low maintenance, Everun machines deliver maximum value for your investment.

Key Factors for Working Economically

For efficient operation, economic efficiency is one of the most important characteristics a machine can offer. The faster and more time-saving a machine is to operate, the higher its level of performance.

With Everun machines, economic efficiency is reflected in our technically mature solutions, such as a powerful drive system, strong thrust, powerful kinematics, high maneuverability, excellent stability, and an efficient quick-hitch system for attachments.

Additional factors that contribute to economic efficiency include:

- Less wear
- High-quality powder coating
- Hardened bolts
- Good service accessibility
- High cylinder speeds
- Flexible travel speeds

Performance	Max. Loading Capacity (tipping load)	kg	2800
	Net Weight w/o worktool	kg	5700
	Overall Dimension (L×W×H) w/o shovel	mm	4048×1843×2033
	Max. Lifting Height of shovel pivot pin	mm	6214
	Wheelbase	mm	2300
	Min. Turning Radius(Outside)	mm	3310
Engine	Engine Manufacturer		KUBOTA
	Engine Model		V3307-TE5AB
	Displacement	ccm	3331
	Engine Power	kW	54.6
	Type of Coolant		Water Cooling
	Number of Cylinders		4
	Rated Speed	r/min	2600
Transmission System	Transmission Type		HST+2 Axles
	Gear Shift		Electric
	Max Driving speed	km/h	25
Hydraulic System	Drive Pump Rated Pressure	bar	400
	Working Pump Rated Flow	L/min	105.6
	Working Pump Rated Pressure	bar	250
Steering System	Steering Type		4WD
	Max. Turning Angle	°	-
Brake System	Service Brake		Wet brake
	Parking Brake		Electric parking brake
Tyre	Tire Specifications		12-16.5 12PR
Standard	ERT2860 With Standard Bucket, Stage V Engine, Quick Hitch,Danfoss Hydrostatic Transmission System, 4WD with 4WS, Electric Proportional Joystick, Electric Gear Shift, EPA Tire 4F, Differential Lock, LED Working Lights, Electric Hand Brake, Electric Floating Function, Button Start, Bluetooth Key, Luxury Cabin Interiors, HD Display, Backward Camera, Comfortable Seat,12-16.5 Tyre.		



 +86-532-80997859

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Qingdao EVERUN Machinery Co.,Ltd