

**UNSTOPPABLE
VERSATILE
COMFORTABLE**

TREKKER4



TREKKER4 F-M

4-085 • 4-095 • 4-105 • 4-110 • 4-120

Landini

Passion for Innovation.



TREKK



TREKKER4, THE UNSTOPPABLE SPECIALIST

Renowned worldwide for its ability to work in extreme conditions, the Landini **Trekker4** is the result of a tradition of passion and innovation. The **Trekker4** crawler tractor does not fear challenges: with its low centre of gravity and its outstanding traction, this tracked tractor ensures excellent grip and stability on slopes and provides superior pulling power when doing heavy tillage work or when working on muddy or rough terrain. And that's not all: the new crawler tractor from Landini minimises soil compaction after ploughing and around orchard trees. When it comes to performance, stability, manoeuvrability, comfort, safety and productivity, the **Trekker4** is second to none.



HIGHLIGHTS

- Cab version: 6-post design with full all-round visibility.
- Landini Blue Icon Special Edition with metallic blue paint for the most demanding farmers.
- Air suspension seat with armrests to minimise vibration and improve comfort.
- Automotive-grade fit and finish and ergonomically-designed controls.
- New, exclusive full-LED lights.
- New Stage V Deutz-AG TCD 2.9L, 4-cylinder engine with power ratings from 75 to 112 hp.
- Fuel tank with 85L capacity for extended operation without refuelling.
- Speed Four transmission: 4 speeds and 2 ranges, 16 FWD + 8 REV gears with overdrive or creeper.
- Steel tracks: 310 to 450 mm wide. Rubber tracks: 400 mm wide.
- Configurable hydraulic system for customer-specific solutions.
- Open-centre hydraulic system with dual pump providing a flow rate of 42 + 28 l/min.
- Rear hitch with up to 4500 kg lift capacity.
- Scheduled maintenance intervals of up to 1000 hours.
- On-board technology: Landini Fleet Management.

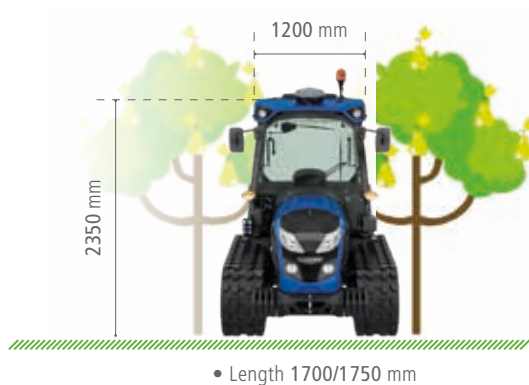
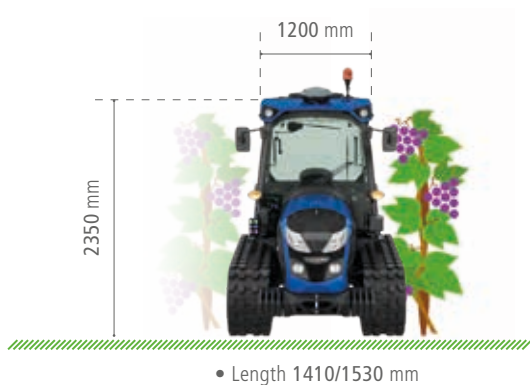
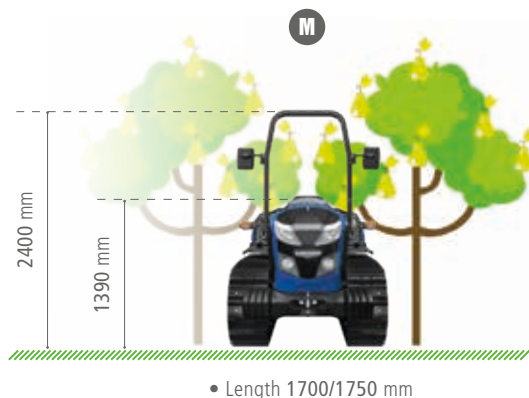
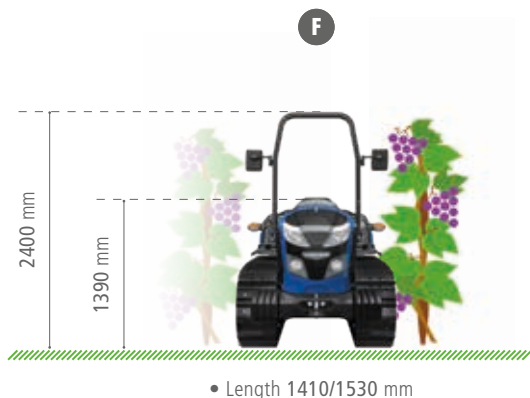
Designed with versatility in mind, the **Trekker4** will satisfy all your working needs. The range comprises two models suiting different application requirements.

TREKKER4 F, for standard orchards:

- Weight: 3900 kg.
- Minimum width: 1.41 m.
- Steel tracks: track shoe width 310 or 360 mm; track gauge 1100 or 1132 mm.
- Rubber tracks: track shoe width 400 mm; track gauge 1132 mm.

TREKKER4 M, for open field and hillside work:

- Weight: 4500 kg.
- Minimum width: 1.70 m.
- Steel tracks: track shoe width 400 or 450 mm; track gauge 1300 mm.
- Rubber tracks: track shoe width 400 mm; track gauge 1300 mm.





CAB

Comfort - Visibility - Protection
page 8

AGRICULTURE 4.0

More Control - More Productivity
page 20

HYDRAULIC SYSTEM

Efficient - Versatile - Generous
page 16

ENGINE

Powerful - Clean - Productive
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TRACTION

Grip - Safety - Soil Protection
page 14

TRANSMISSION

Rugged - Reliable - Efficient
page 10

REAR HITCH

Precise - Powerful - Functional
page 17

HIGHLIGHTS

- Spacious platform mounted on Hydro silent blocks for enhanced comfort.
- Full all-round visibility, even in confined spaces.
- Landini Blue Icon special edition with metallic paint.
- Ergonomically-arranged, intuitive controls.
- Foldable ROPS.

TREKKER4 WITH ROPS MAKES ROOM FOR COMFORT

Landini places the comfort and safety of the operator above all else. Modern and functional, the new **Trekker4** combines style and efficiency with bold, dynamic lines that allow the tractor to move with great agility in any situation. The tractor platform is equipped with Hydro silent-block suspension to isolate the driving position from engine heat and from vibrations generated by uneven ground. This innovative solution further enhances operator comfort.

Designed with comfort in mind, the driving position is mounted on a spacious lowered platform for ease of access and features an air-suspended driver's seat with armrests and suspended clutch and brake pedals. The ROPS configuration ensures complete all-round visibility for increased productivity. The new design of the digital instrument cluster and of the side console further enhances the tractor's functionality: all controls have been redesigned and rearranged in a more logical manner to improve ergonomics and ease of use. The **Trekker4** is prepared for the Landini Fleet Management telemetry system.



PLAT

*I have a low-hanging orchard planted on a sloping terrain. I bought a **Trekker4** with ROPS and solved all my problems. Now, I have full unobstructed view of the work area, and the traction and stability are amazing... plus it's a very comfortable tractor. Trying is believing!*

Frank



FOLDING ROPS

A folding ROPS frame makes the driving position safer. Two pneumatic cylinders assist in raising and lowering the frame.

POWER-ASSISTED STEERING AND BRAKES

The **Trekker4** makes your work easier: thanks to the Hi-Drive hydrostatic system, the two direction levers allow the steering clutches and brakes to engage gradually and independently for each track, thereby delivering smooth and precise steering control.

HIGHLIGHTS

*From inside my cab
I always have a full view
of the implements and the work
area. I don't feel vibrations, and my
back thanks me... plus I'm protected
during pesticide spraying. So, what
else can I say? I work comfortably
on my new Trekker!*

David

- High-visibility monocoque cab.
- Hydro Silent-Block cab suspension.
- Air-suspended driver's seat with armrests.
- Ergonomic controls and automotive-grade fit and finish.
- Top-quality sound and heat insulation.
- Exclusive full-LED lights.
- Category 4 protection level: activated carbon filter and pressurised cab for safe pesticide spraying.

TREKKER4 WITH CAB FOR FIRST-CLASS COMFORT

At Landini, operator comfort has always been at the heart of innovation. Designed with visibility, comfort and safety in mind, the cab of the **Trekker4** protects the operator from dust, noise and weather elements. The new cab is a six-post design with large heat-absorbing glass areas that provide a superb all-round visibility. The front window can be opened to allow natural ventilation and to enable operator to check on implement performance. The hydro silent-block suspension isolates the cab from engine heat and from vibrations transmitted by the ground, protecting the operator from fatigue and back pain. The new monocoque cab offers two levels of filtration: Category 2 with dust filter and Category 4 with activated carbon filters and a digitally controlled pressurisation system to protect operator from pesticide contamination.

Designed to work on slopes as well as on rough or muddy terrain, the **Trekker4** must be comfortable. The rear hinged doors protrude only slightly when open, making for ease of access to the driving position. The driver's seat is upholstered in automotive-grade materials and equipped with air suspension and armrests for extra comfort. The power-assisted levers provide smooth, precise and effortless steering control. The digital dashboard and side console have been redesigned to enhance the operator's comfort. Suspended brake and clutch pedals, automotive-quality fit and finish, an excellent climate control system, and DAB radio with bluetooth maximise comfort and ease of operation. Eight full LED lights, four of which located on the cab roof, ensure maximum visibility during night operations. The cab of the **Trekker4** offers the operator a functional and comfortable working environment. In addition, the Landini Fleet Management system makes for easy and effortless operation, thereby increasing efficiency and productivity.



CAB

EFFICIENT CLIMATE CONTROL ALL YEAR ROUND

A highly efficient climate control system conveniently integrated into the cab roof maintains a comfortable working environment whatever the outdoor weather conditions, making work less tiring and more productive. The rear windscreen opens to allow natural ventilation and to improve visibility onto the rear-mounted implements.

COMFORT AND SAFETY ARE OUR WATCHWORDS

The cab of the **Trekker4** is equipped with an efficient pressurisation system that creates a perfectly sealed working environment. In addition, Category 4 activated carbon filters protect the operator from hazardous substances when applying plant protection products.



FORWARD-REVERSE SYNCHRO SHUTTLE

The **Trekker4** is equipped with a synchro shuttle operated by a lever conveniently located beside the gear lever. This reduces driver's distraction when changing from forward to reverse.



CONFIGURABLE POWER TAKE-OFF WITH MODULATED ENGAGEMENT

The PTO of the **Trekker4** offers two speed configurations: 540/540E rpm or 540/1000 rpm. A power-assisted push button enables smooth and modulated engagement of the PTO, ensuring a soft start-up of the implement.



SPEED FOUR TRANSMISSION: RUGGED, EFFICIENT, RELIABLE

The **Trekker4** is equipped with the rugged and reliable Speed Four transmission. Designed and manufactured by Landini to ensure the quality and efficiency that have always been our trademark, the Speed Four transmission offers four synchronised gears and two mechanical ranges and can be equipped with either an overdrive or a creeper providing 16 forward and 8 reverse speeds. With the overdrive, the tractor reaches a top speed of 15 km/h, while the creep speed unit allows a minimum speed of 300 m/h. The transmission is equipped with a synchro shuttle that allows the operator to easily shift from forward to reverse by simply operating the shuttle control lever adjacent to the steering wheel without distracting from driving.

POWERFUL





LANDINI IS PARTNER IN EXCELLENCE WITH THE PATRIA WINERY

Making fertile an ancient lava flow on the slopes of the Etna volcano: this is the challenge faced by the **Patria Winery** of Castiglione di Sicilia. An experimental project for the cultivation of native grape varieties on 20 hectares of lava flow has been set up here, at 750 metres above sea level. The minerals contained in the lava nourish the grapes, giving them a rich natural flavour that is extremely pleasant to the palate. At the **Patria Winery**, wine research has only one goal: excellence. Here, innovation goes hand in hand with the viticultural history of southern Italy and tradition is backed by a new technical rationality. The strong character of these wines comes from the volcanic nature of the soil where the vines are grown, situated at different altitudes and exposures. Reserve wines are made from 80 to 100-year-old gobelet-trained vines. In the heart of the Etna Park, the **Patria Winery** receives visitors from all over the world. The winery is located under the ancient lava flows and the visit includes an underground route among thousand-year old lavas.

STEEL



STEEL TRACKS, TO PERFORM WHERE OTHER TRACTORS CANNOT REACH

The **Trekker4** provides a pulling capacity comparable to higher-power tractors, while keeping compaction and soil damage to a minimum. Each track is supported by five heavy-duty, reinforced carrier rollers that are designed to withstand even the heaviest loads.

Steel tracks are available with either lubricated or semi-lubricated track chains that reduce power absorption and wear, minimising noise and vibration levels. Steel tracks come in two versions:

- **Trekker4 F**: track shoe width 310 mm or 360 mm; track gauge 1100 mm or 1132 mm. Increasing the distance between the track and the track supporting frame prevents mud, dirt and debris from accumulating inside the undercarriage, especially when working on clay soils.
- **Trekker4 M**: track shoe width 400 or 450 mm; track gauge 1300 mm.

ADJUSTABLE WEIGHTS: MORE PERFORMANCE, MORE SAFETY

The **Trekker4** is equipped with adjustable front weights. On the M model, the cast-iron ballast weights are integrated into the roller track frames. This solution protects the tracklaying assembly while lowering the tractor's centre of gravity. This improves stability and traction when working on slopes or handling heavy loads.

RUBBER TRACKS: MORE COMFORT IN THE FIELD, MORE CONVENIENCE ON THE ROAD

Built using innovative technologies, steel core rubber tracks are incredibly strong and durable. Rubber track shoes offer a number of benefits: they reduce vibrations improving operator comfort; they also protect the soil and the road pavement, preserving the landscape's integrity; lastly, they do not require the use of rubber pads when travelling on the road, which saves time and labour.

Rubber shoes are 400mm wide on both **Trekker4** models, while the track gauge is 1132 mm on the F model and 1300 mm on the M model.





HYDRAULIC SYSTEM CONFIGURED TO YOUR NEEDS

The versatile hydraulic system of the **Trekker4** is designed to be configured for the user's precise needs. The system features a dual pump that supplies 28 l/min to the steering system, the brakes and the transmission and 42 l/m to the remote valves, the rear hitch and other hydraulic functions.

The standard configuration includes three rear remote valves. Two additional remotes are available as an option, taking to five the total number of remote valves at the rear. Each remote is controlled by a dedicated lever. The system can be equipped with up to six high-quality quick couplers and an oil flow control valve at the front.

ATILE



QUICK-RELEASE COUPLINGS FOR FAST CONNECTIONS

High-quality, easy-to-reach quick-release couplings allow for fast and easy connections. They save valuable time and improve operator comfort.

REAR HITCH: POWERFUL, EFFICIENT, PRODUCTIVE

The **Trekker4** features a Category 2 mechanical rear hitch that comes fitted with either quick-hitch hooks or fixed ball ends. With its rugged construction and its 4500 kg lift capacity, the rear hitch of the **Trekker4** is the most powerful in its segment. The Ergonomic Lift System (ELS) allows the implement to be raised and lowered by the simple click of a button, making headland turns easier and faster. This reduces operator fatigue improving productivity. The rear hitch is operated via ergonomically positioned, intuitive controls on the right-hand console.



THE TREKKER4 HAS A POWERFUL, CLEAN AND EFFICIENT HEART

Powerful and responsive, the **Trekker4** is a guarantee of productivity and safety, even on rough and sloping terrain thanks to the new Deutz-AG TCD Stage V engines. These 2.9L, 8-valve, 4-cylinder turbo aftercooled engines with electronic common rail injection system offer power ratings from 75hp to 112hp and deliver their maximum power between 1500 and 2000 rpm. Equipped with a high-capacity radiator, oil cooler, additional oil tank, viscstatic fan and 8-inch PowerCore combustion air filter, these engines further improve the efficiency of the **Trekker4**. An 85-litre high-capacity fuel tank ensures many hours of continuous operation without the need to refuel.

The passive regeneration of exhaust emissions and the Engine Memo switch, which allows the operator to save and recall engine rpm settings for specific tasks, improve fuel economy and operating speed, thereby increasing productivity.

*I have a perfect
view from my tractor seat...
also because the after-treatment
system is tucked away under the bonnet.
And now I do the maintenance
every 1000 hours of operation.
It's a great saving of time
and money!*

Julian

STAGE V COMPLIANCE AND ENVIRONMENTAL PROTECTION

The **Trekker4** uses a set of innovative technologies to meet Stage V emissions standards, including a passive-regeneration diesel particulate filter (DPF) and a diesel oxidation catalyst (DOC). Engines over 75 hp are additionally equipped with selective catalytic reduction technology (SCR) and with a 10.5L AdBlue tank. The after-treatment system fits under the bonnet without requiring any changes to the vehicle's body. This innovative solution allows unobstructed view in all directions without compromising on the tractor's compact design.

LONGER MAINTENANCE INTERVALS

An innovative oil filter strategy has allowed Landini to extend maintenance intervals from 500 to 1000 hours. This helps reduce downtime and maintenance costs, improving efficiency and productivity.







LANDINI FLEET MANAGEMENT

As a company traditionally committed to technology and innovation, Landini equips all its tractors with remote management capability. The Landini Fleet Management system is designed to reduce operating costs and increase efficiency and productivity by helping farmers to make data-driven decisions. This advanced solution is based upon three key elements:

- 1. Real-time fleet monitoring:** the system displays the exact location of each tractor in a fleet and monitors its efficiency by checking parameters like speed, engine performance, average consumption and work progress.
- 2. Data analysis:** the system calculates the cost, efficiency and productivity of each tractor and indicates the farm's profit margin. These data are essential to make forecasts and organise work plans.
- 3. Storage of working data:** the system outlines the work areas and saves the activity data for further use. This eliminates errors, maximising efficiency.

Designed to effectively respond to customers' needs, the Landini Fleet Management helps farmers to make the most appropriate choices in order to maintain their tractors in good working order, optimise their operation and increase their business profitability.



RELIABLE



QUICK MAINTENANCE TO GET YOU UP AND RUNNING IN NO TIME

Efficient and versatile, the **Trekker4** is designed with reliability in mind. The tractor offers a number of solutions to make maintenance easier and faster.

1. Maintenance intervals have been extended to 1000 hours.
2. The fully tilting bonnet and the removable side panels provide full access to the engine compartment for quicker service and maintenance.
3. The engine air filter is conveniently placed to facilitate cleaning and replacement.
4. The radiators, located at the front of the engine, and the laterally-removable dust cover allow for easy, fast and accurate cleaning.
5. The air filters mounted on the cab roof are protected by quick-release grills and are easily accessible for maintenance.
6. The oil level in the transmission can be conveniently checked through the oil filler cap with level gauge located at the rear of the tractor.



LANDINI ORIGINAL SPARE PARTS, THE CORNERSTONE OF YOUR PRODUCTIVITY

Although it works hard, your Landini tractor always looks good as new. With Landini original parts time seems to have stopped. Our original spare parts are an integral part of our scheduled maintenance and extended warranty program. Developed by the same engineers who design and manufacture the Landini tractors, genuine Landini parts are designed and manufactured to the highest quality standards to ensure reliable and safe performance over time.

The strong points of Landini original spare parts are the following:

- Spare parts are always shipped within 24 hours of order receipt.
- Each part comes with a 12-month warranty and is marked with a tamper-proof hologram that certifies the product's quality and originality.
- Original Landini parts are reliable and convenient: they improve your tractor performance, maintain high productivity levels and preserve your tractor's value.

Landini original spare parts rely on our extensive design and manufacturing expertise: when you choose Landini, you are choosing quality without compromise.



PASSION FOR INNOVATION, SINCE 1884

Giovanni Landini had a dream: to change forever the history of farming by bringing the power of machines to the fields. He pursued this goal with great determination and in 1884 he finally realised his dream by setting up his own factory named Officine Landini. Landini's long history is marked by continued innovation in design and production processes and by a strong commitment to customers.

In 1994, Landini was acquired by the Argo Industrial Group. The acquisition enabled the company to expand its international presence by creating a worldwide network of subsidiaries and distributors. Giovanni Landini's dream was to make farm work less arduous and more productive. That dream is still alive today, where our quality of life greatly depends on the quality of our agricultural products.

TECHNICAL DATA

| | | TREKKER 4-085 F/M | TREKKER 4-095 F/M | TREKKER 4-105 F/M | TREKKER 4-110 F/M | TREKKER 4-120 F/M |
|--------------------------------------|-------|---|----------------------|----------------------|----------------------|----------------------|
| ENGINE | | | | | | |
| Engine manufacturer | | Deutz AG | | | | |
| Engine type | | TCD 2.9 L4 HT | TCD 2.9 L4 HP | | | |
| Max power (ISO) | hp/kW | 75 / 56 | 90 / 66 | 95 / 70 | 102 / 75 | 112 / 82 |
| Rated engine speed | rpm | 2200 | | | | |
| Max power engine speed | rpm | 1500 | 1900 | 1900 | 2000 | 2000 |
| Max torque | Nm | 375 | 378 | 400 | 410 | 420 |
| Max torque engine speed | rpm | 1600 | | | | |
| Displacement | cm³ | 2900 | | | | |
| Cylinders / Valves | | 4 TA / 8 | | | | |
| Emissions category | | Stage V | | | | |
| After-treatment system | | DOC+DPF | DOC+DPF+SCR+AdBlue | | | |
| Air filter system | | Power Core | | | | |
| Air intake system | | Turbo aftercooled | | | | |
| Fuel injection system | | Electronically controlled high pressure common rail | | | | |
| Maintenance interval | | 1000 hours | | | | |
| Cooling system | | Liquid | | | | |
| Engine Memo Switch | | ● | | | | |
| CAPACITIES | | | | | | |
| Fuel tank | l | 85 | | | | |
| AdBlue / DEF tank | l | ~ | 10,5 | | | |
| Coolant tank | l | 17 | | | | |
| TRANSMISSION | | | | | | |
| Type | | Speed Four | | | | |
| No. of gears FWD+REV | | ● 16+8 Hi-Lo Overdrive - ○ 16+8 w/creeper | | | | |
| Minimum speed | m/h | 300 (w/creeper) | | | | |
| Transmission control | | Manually operated - 12" independent dry clutch | | | | |
| Reverse shuttle | | Mechanical synchro shuttle | | | | |
| Transmission oil cooler | | ● | | | | |
| REAR PTO | | | | | | |
| Type | | Servoassisted dry clutch | | | | |
| Speeds | rpm | ● 540-540E - ○ 540-1000 | | | | |
| Rotation - spline shaft type | | Clockwise (viewed from tractor rear) - 1-3/8" PTO shaft with 6 splines | | | | |
| STEERING AND BRAKING SYSTEM | | | | | | |
| Steering system | | Hydrostatic Hi-Drive | | | | |
| Steering control | | 2 independent levers with combined action on 2 wet clutches and on brakes | | | | |
| Braking system | | Hydrostatic wet multidisc graphite brakes | | | | |
| HYDRAULIC SYSTEM | | | | | | |
| Circuit type - pump type | | Open centre - dual pump | | | | |
| Flow rate hitch & remotes + steering | l/min | 42 + 28 | | | | |
| Max operating pressure | bar | 180 | | | | |
| Rear remote valves | | ● 3 - ○ 4 / 5 | | | | |
| Front quick couplings | | ○ 6 | | | | |
| Free flow return | | ● | | | | |
| Flow divider w/flow selector | | ○ 3 sections | | | | |

| REAR HYDRAULIC HITCH | | |
|--------------------------------------|----|---|
| Type | | Mechanical with position/draft/mixed/float control |
| Category - coupler type | | ● Cat.2 - fixed ball ends |
| Max lift capacity at hitch points | kg | ● 3150 - ○ 3150 (w/assistor rams) |
| DRIVING POSITION | | |
| Cab type | | ○ High-visibility 6-post monocoque cab w/central tunnel and opening rear window |
| Cab suspension | | Suspended on Hydro Silent-Blocks |
| Cab air filter - filtration category | | ● Dust filter - cat.2 |
| Cab air conditioning | | ● Manual A/C |
| Radio system | | ● Radio ready - ○ DAB Radio and sound system |
| Platform type | | ROPS w/central tunnel w/side gears and reverse shuttle controls |
| Platform suspension | | Suspended on hydro-silentblocks |
| Lights | | ● Halogen driving and working lights |
| Beacon light | | ● |
| ON-BOARD TECHNOLOGY | | |
| Digital dashboard | | ● |
| Fleet management | | ○ Landini Fleet Management ready / 3-5 years of full plan subscription |
| WEIGHT AND DIMENSIONS | | |
| Wheelbase | mm | 1650 |
| Ground clearance | mm | 340 |
| Height over ROPS | mm | 2400 |
| Max height over hood | mm | 1355 |
| Max length without front weights | mm | 3380 |
| Max overall width | mm | 1410-1460-1532 (F) / 1700-1750 (M) |
| Shipping weight | kg | 3900 (F) - 4500 (M) |
| Front weight support | | Built-in |
| Front weights | kg | ○ 6x30 / 8x30 / 8x30 + 33 kg central front ballast |
| TRACKS | | |
| Bottom rollers | | 5 |
| Top carrier roller | | Permanently lubricated |
| Track tension adjustment system | | Hydraulic track adjuster with permanently lubricated sprocket gear |
| Front suspension | | Leaf spring |
| Rear suspension | | Crossbar on independent track frames |
| Track shoe type | | ● Metal - ○ Rubber |
| Track shoe width | mm | 310-360 (metal F) / 400-450 (metal M) / 400 (rubber F/M) |

Key: ● standard ○ option ~ not available



Passion for Innovation.

