CRAWLER MACHINES

Crawler undercarriages can be equipped with a mechanical or hydraulic track adjustment system if necessary. Hydraulic adjustment systems get crawler undercarriages ready for transportation and operation the fastest, while mechanical adjustment systems are an enormously sturdy and easy-to-maintain alternative that is only somewhat more time-consuming.

The X-trac undercarriage, which can be equipped with pylons as tall as 0.8 m, comes as standard. For especially tall pylons with a height of up to 7 m, machines can be equipped with an XL-trac undercarriage upon request.
Tractive power par excellence on almost any surface

While mobile material handling machines equipped with tires are limited to working on asphalt and paved surfaces, machines with crawler undercarriages are able to showcase their advantages on inadequately paved and yielding surfaces. This is the case at many wharfage facilities, where port operators are quick to show their preference for the sturdy and powerful crawler machines built by Terex® Fuchs. In addition, a multitude of options is available for these machines depending on the ground and application involved. Mechanical and hydraulic track adjustment systems, XL-trac undercarriages for particularly tall pylons, and shoes optimized for each type of surface, among many other features, ensure that virtually no request or requirement will go unsatisfied with these mobile material handling machines.

RHL380 X-trac

- **Powerful versatility**: With an operating weight of 70 tonnes, a powerful 273 kW turbodiesel engine, and a working radius of up to 22 m, the RHL380 X-trac is a versatile powerhouse that can be used for recycling operations, mining projects, and other demanding assignments involving bulk materials.
- **Way up on top**: The machine can pile up material to a maximum height of 13 m at a reach of 22 m. This eliminates the cumbersome approach of using several small excavators at different levels.
- **Wide track shoes**: Flat shoes with a width of 800 mm are optionally available, and enable the machine to gently move on soft and sensitive surfaces.
- **Custom attachments**: The machine can be equipped with custom grabs adapted to the specific loads being handled in order to maximize handling efficiency.
- **Intelligent limiter**: Special sensors can limit the grab’s reach according to the load chart. This makes it possible to prevent load-related errors when working with large handling volumes.
- **Fuel efficient**: Despite its sheer power, the machine has extremely low fuel consumption levels, which lengthens the time between refueling stops and lowers operating costs.
- **Everything in plain sight**: The height-adjustable cab with large windows gives operators an outstanding view of their area even in difficult work environments.
- **Excellent service**: The Terex® Fuchs global service network ensures that customers will always be able to count on reliable service and fast spare parts procurement on any continent.

Terex® Fuchs offers two different types of shoes, with the choice depending on the surfaces on which the machine will be traveling. Sturdy and affordable triple-grouser shoes are the standard choice for many unpaved surfaces, while flat shoes (with a width of up to 800 mm) are used for particularly unstable ground conditions in order to exert a minimum amount of ground pressure even while handling large loads.
Outstanding stability

RHL860

- **Unwavering stability:** The rock-solid undercarriage, featuring 800-mm flat shoes, forms a quadrangular base, enabling the unit to handle large loads in all turning directions.
- **Good outlook:** A pylon with a total height of 3.3 m makes it possible to reach an eye level of up to 10 m – an ideal characteristic for port operations, where being able to see over the sides of vessels and into cargo holds is necessary.
- **Large dimensions:** A reach of 18 m and an operating weight of 67 tonnes provide large working radii, the ability to handle large loads, and an excellent daily volume capacity when handling materials.
- **Low costs:** The machine’s efficient electric drive keeps energy costs down to a minimum. In addition, the unit is much easier and cheaper to maintain than its diesel engine counterparts.
- **Versatile and flexible:** Whether a cactus grab, a load hook, or a different attachment – attachments can be quickly changed to deal with the material being loaded, making the unit ideally suited to the flexibility involved in port operations.
- **Fueling is a thing of the past:** Not having to stop for refueling increases productivity. Moreover, a 60-m cable reel and a plug-and-socket connection enable the machine to travel to different locations of use.

Track adjustments and attachment changes in record time

RHL350 FQC

- **Highly flexible:** With an operating weight of 38 tonnes, a reach of up to 16 m without the Fuchs Quick Connect system (13 m with the FQC system), and a powerful 148 kW turbodiesel engine, this crawler machine is perfect for a wide variety of scrap handling and recycling tasks.
- **Excellent stability:** The stabilization geometry of the specially designed crawler undercarriage, together with the crawler’s triple-grouser shoes, ensures rock-solid stability and safe travel with attached shears.
- **Optionally available:** Mechanical track adjustment for assignments with very large loads and for adjusting the unit’s transportation position.
- **Fast attachment times:** The Fuchs Quick Connect system makes it possible to change grabs and shears in no time, and the operator does not need to leave the cab in order to do so.
- **Always fits:** The Fuchs Quick Connect system is compatible with attachments from all shear manufacturers.
- **Clear perspective:** The high-resolution colour display shows all relevant operating statuses in real time and enables operators to react quickly and correctly.
- **Frugality as the key to profit:** Excellent fuel efficiency and long maintenance intervals keep operating costs surprisingly low for such a powerful machine.
A stable view of your surroundings

RHL340

- **Ideal configuration:** An operating weight of 32 tonnes, a reach of up to 13.7 m, and a powerful 128 kW turbodiesel engine make the RHL340 a versatile powerhouse for countless applications.
- **Perfect match:** The unit’s undercarriage is not simply a modified excavator undercarriage, but was specifically designed to meet the machine’s unique requirements. This has resulted in an especially large base and a large working radius even under heavy loads.
- **Simple and sturdy:** The mechanical track adjustment system, which comes as standard, makes it possible to easily switch between the unit’s transportation and working positions. The system is practically maintenance-free and extremely sturdy.

- **Adaptable:** Customers can choose between grouser and flat shoes depending on the characteristics of the ground on which the unit will be operated.
- **Raised position:** The fact that the crawler machine has been equipped with a pylon gives operators a clear line of sight into containers, shredders, and shears and provides an ideal all-around view in challenging working environments.
- **Ergonomic:** An air-conditioned cab, a back-friendly seat, and perfectly laid out controls ensure fatigue-free work.