A Versatile And Heavy-Dut

ML 3.0 FX Tracked Carrier [3.0t]

The powerful ML 3.0 FX Tracked Carrier gives users versatility, heavy-duty carrying capability and increased gradability in a small package, giving materials handlers a useful tool for heavy-duty lifting in both indoor and outdoor settings.

Featuring a class-leading electric drive with two 5.3kW super quiet IP67 rated AC electric motors, the ML 3.0 FX Tracked Carrier can be fitted with AGM or Lithium batteries and features three power management configurations giving different speeds:

ECO @ 1.2 km/h / STD @ 2.0 km/h / POW @ 4.2 km/h

This innovative electric tracked carrier features a fully removable battery pack, equipped with its own internal charger. This unique feature helps to eliminate downtime for users on-site.

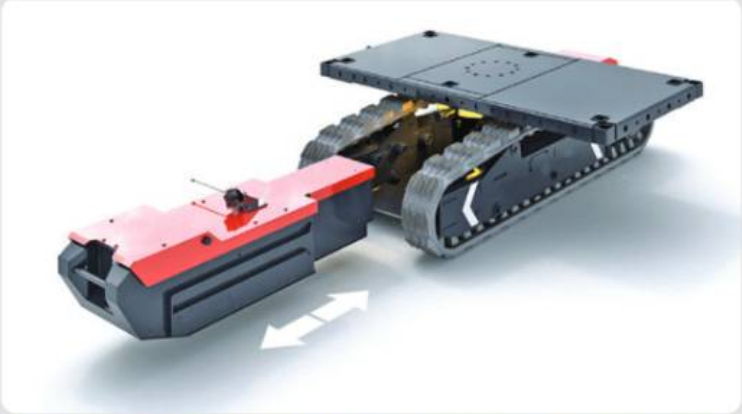
An additional support beam on each corner provides added support for larger loads, they can be fitted to make the loading area either longer or wider. The platform itself sits on a freely rotating slewing ring with 16 different lockable positions to choose from so you can adapt the platform to your load needs.

The unique track design of the ML 3.0 FX Tracked Carrier offers increased accessibility and gradeability thanks to the rollers that actively adapt to the terrain, ensuring grip to help avoid accidental load spills along with the automatic tilt alarm.

Technical Specifications

	ELC	LTH
Capacity	3000kg (up to 25°)	
Capacity at max gradient	2500kg	
Max longitudinal gradient	45°	
Max lateral gradient	30°	
Length	1770mm	
Width	800mm	
Height	550mm	
Track length	1310mm	
Track width	200mm	
Ground clearance	64mm	
Max speed	4.2km/h	
Swivel platform	Standard	
Power of electric motors	10.6kW	
Voltage	48V	
Battery capacity & type	AGM	Lithium
Charger (110-230v)	7hrs - 13A	4hrs - 20A
Ingress protection IP	IP67	
Controller	Radio remote control	
Weight (with battery)	790kg	720kg





The fully removable battery of the ML 3.0 FX, with its own internal charger, can eliminate downtime for users on-site and has just a 4 hour recharge time (lithium battery).

Reference Codes

AGM Battery Code: TPS 3.0 ELC
LTH Battery Code: TPS 3.0 LTH

The platform of the ML 3.0 FX sits on a freely rotating slewing ring with 16 different lockable positions that the user can manually choose from, enabling you to adapt the platform to your own needs.

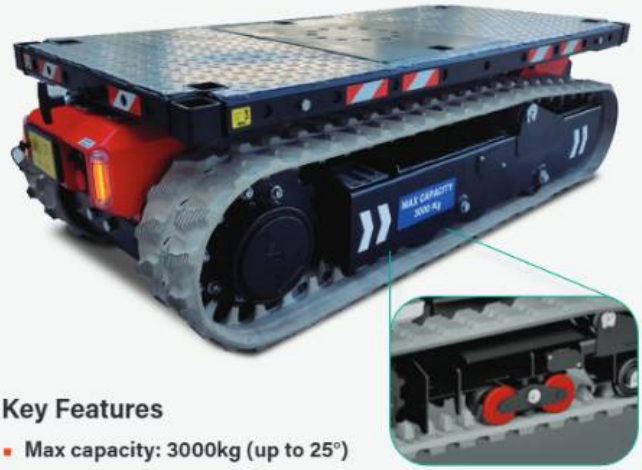


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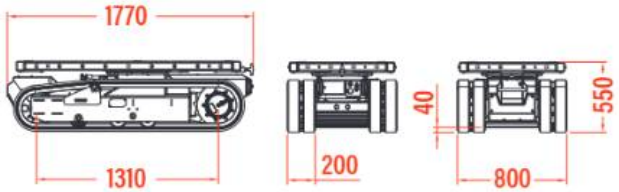


The ML 3.0 FX is fully controlled by radio remote.

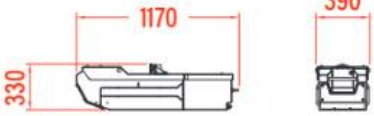
Increased accessibility and gradeability is possible due to the unique track design. Actively adapting rollers ensure track grip and help to avoid accidental load spills.



Technical Data (mm)

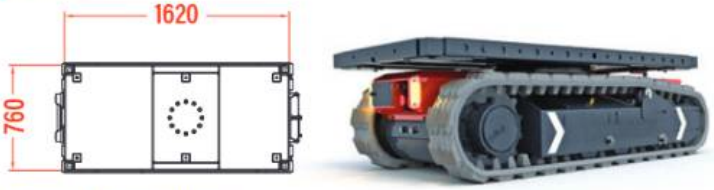


Removable Battery Pack

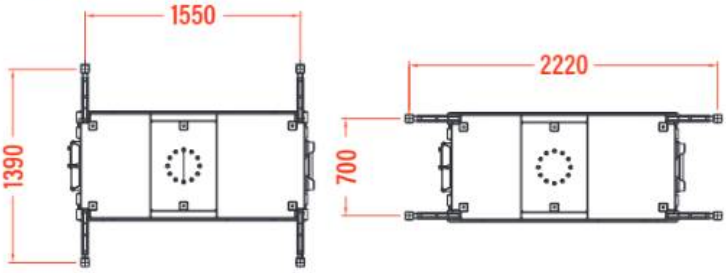


Removable Battery Pack Weights

ELC Battery Pack: **170kg**
LTH Battery Pack: **100kg**



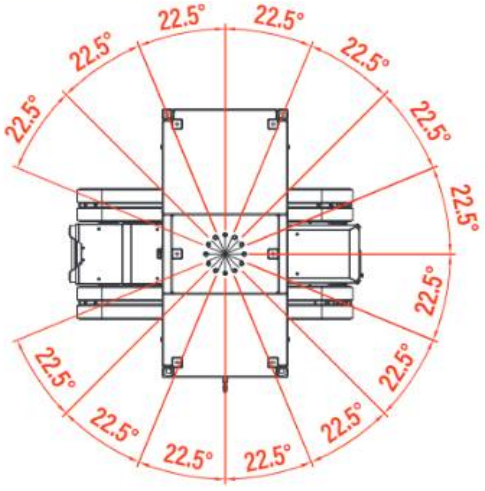
Telescopic Support Beams



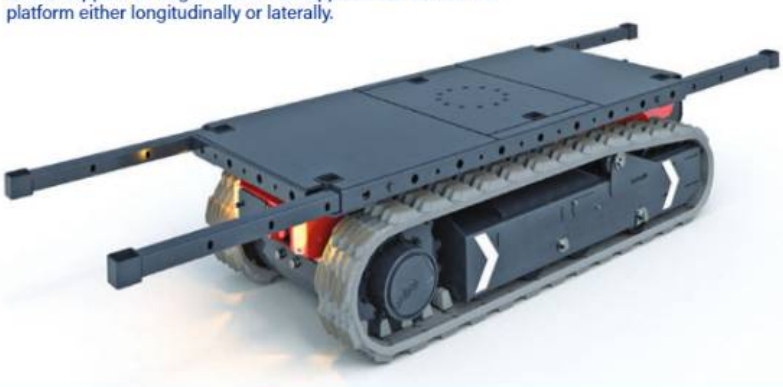
Key Features

- Max capacity: 3000kg (up to 25°)
- Max speed: 4.2km/h
- Max gradient: 45° longitudinal, 30° lateral
- 360° slewing platform with 16 positions
- Three different driving modes: Main / ED-S / DC-S
- Three power management modes: Eco / Std / Pow
- 4 hours recharge time (LTH), 7 hours (ELC)
- Automatic tilt alarm with speed reduction
- Ground clearance: 64mm
- Weight with battery: 720kg (LTH), 790kg (ELC)
- Optional non-marking tracks

Platform Rotation



An additional telescopic support beam on each corner provides added support for larger loads. The supports can extend the platform either longitudinally or laterally.



Images on this specification show the ML 3.0 FX with the optional non-marking tracks.

Trolleys

Reference Code
TPS 3.0 DOK

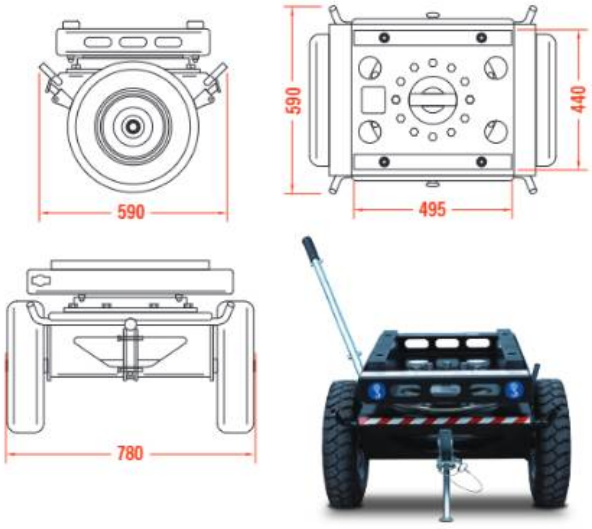


ML 3.0 FX - Dolly Kit

Extend the capabilities of the ML 3.0 FX with the optional Dolly Kit, a 1500kg capacity support extension that helps operators carry extra-long loads easily.

Large heavy-duty offroad tyres makes this the perfect addition for manoeuvering longer loads over rough ground. Weighing a total of 96kg, this strong unit can safely handle loads such as steel girders, timber beams, concrete posts and much more.

Technical Data (mm)



Reference Code
TPS 3.0 BCK

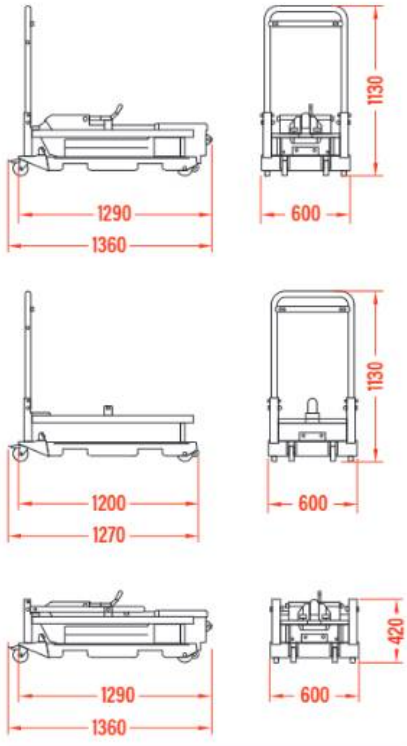


ML 3.0 FX - Battery Dolly

Make changing the battery of the ML 3.0 FX Tracked Carrier easier with this handy Battery Dolly. With a 170kg capacity and built-in rollers you can have minimal downtime, keep operators safer due to minimal manual handling and complete your job quicker with this optional extra.

The Battery Dolly features a high-quality, sturdy frame that weighs just 30kg and folds down for easy storage.

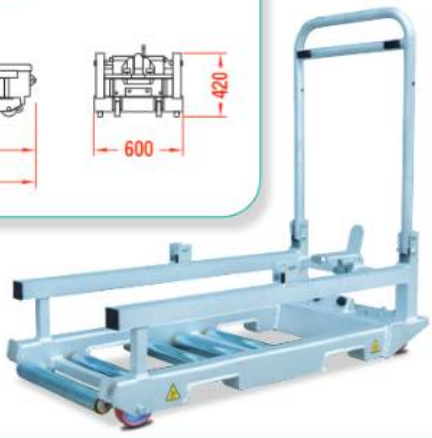
Technical Data (mm)





The bed of the Dolly Kit also rotates to give operators a small turning radius.

Large heavy duty tyres come as standard for traversing rough terrain.





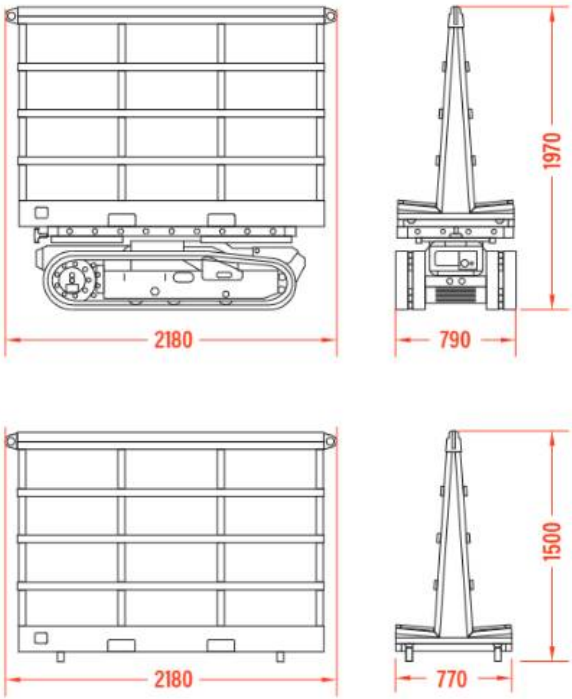
Reference Code
TPS 3.0 AFR

ML 3.0 FX - MultiFrame

Safely transport glass around site with this optional Multiframe attachment for your ML 3.0 FX Tracked Carrier.

This double-sided a-frame has a capacity of up to 2400kg and offers sturdy transport when used with this all-terrain machine. With a suitably angled frame and raised edge, you can feel confident in the transport and storage of your windows, flat glass, and glass units.

Technical Data (mm)



Reference Code
Lifter Kit Single Stage: TPS 3.0 LK1
Lifter Kit Double Stage: TPS 3.0 LK2



ML 3.0 FX - Lifter Kit

Available in two stages the optional Lifter Kits are easily attached and removed from the ML 3.0 FX Tracked Carrier.

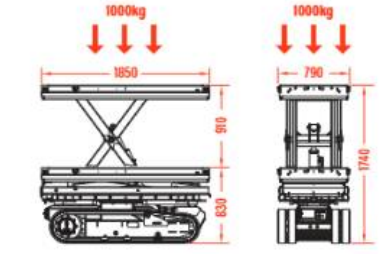
The included self-standing kit allows the user to track the machine beneath Lifter Kit without much manual labour involved. With the hydraulic scissor lift table, you can deliver and raise loads to your desired height. Battery-powered and highly portable, this Lifter Kit is also cost-effective and carbon-neutral.

Technical Specifications

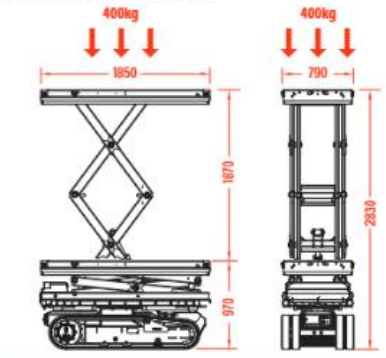
	Lifter Kit 1.0	Lifter Kit 2.0
Capacity	1000kg	400kg
Weight (empty)	415kg	490kg
Weight (on ML 3.0 FX ELC)	1205kg	1280kg
Weight (on ML 3.0 FX LTH)	1135kg	1210kg
Battery	12V 100Ah with on-board charger (110-230v)	

Technical Data (mm)

Lifter Kit 1.0 (Single Stage)



Lifter Kit 2.0 (Double Stage)



ML 3.0 FX - Crane Kit

The 3.0 FX Crane Kit is a cutting-edge accessory designed to elevate the versatility of the ML 3.0 FX tracked carrier.

Developed for professionals who demand power, precision, and adaptability in compact spaces, this modular crane attachment instantly converts your tracked transporter into a fully functional lifting system — without the need for a dedicated crane.

Weighing a total of 510kg, this strong unit can safely handle loads such as steel girders, timber beams, concrete posts and much more. Built with the same innovation and rugged design the ML range is known for, the 3.0 FX Crane Kit delivers a maximum lifting capacity of up to 990kg, making it ideal for a wide variety of medium-duty lifting tasks.

Thanks to its compact structure and lightweight build, it offers exceptional stability and low ground pressure, allowing for safe operation on soft or sensitive terrain where wheeled cranes can't perform.

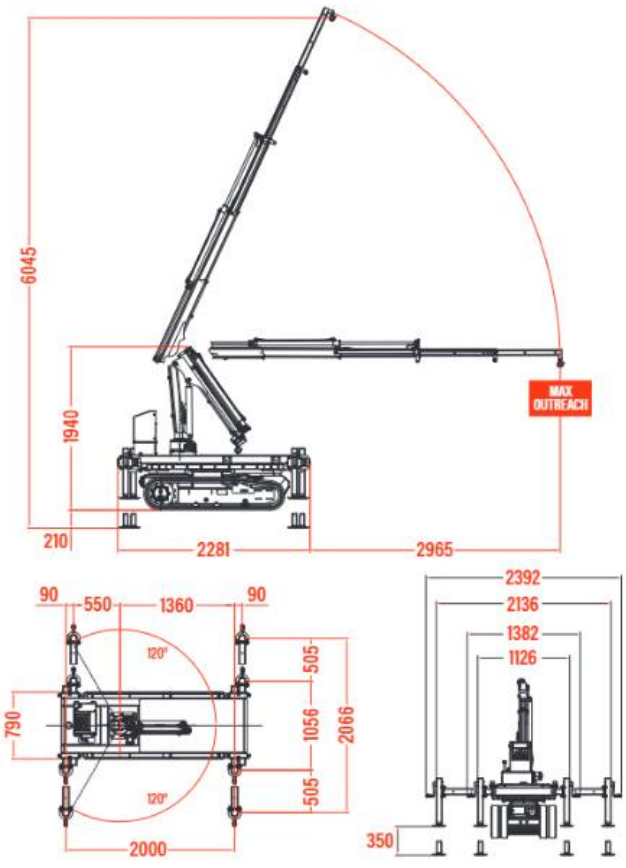
Whether you're working in construction, glazing, logistics, or maintenance, the 3.0 FX Crane Kit empowers you to lift, position, and handle materials with confidence, even in the most confined or uneven environments.



Reference Code

TPS 3.0 CRK

Technical Data (mm)



Rated Loads

