

# Trolleys

## A Versatile And Heavy-Duty

### ML 3.0 FX Tracked Carrier [3.0t]

The powerful ML 3.0 FX Tracked Carrier gives users versatility, heavy-duty lifting 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**

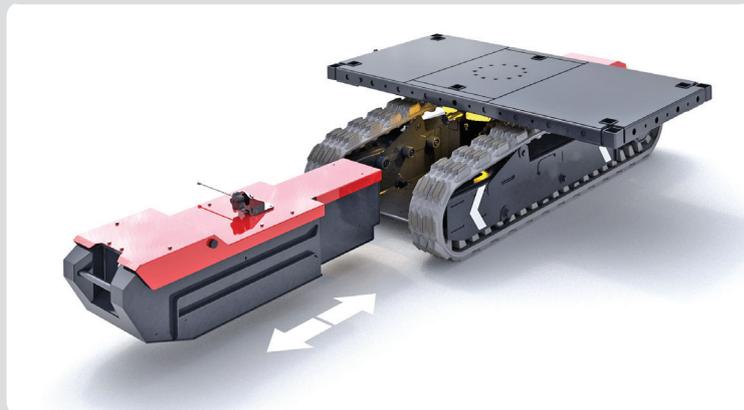
This innovative electric tracked carrier features a fully removable battery pack, equipped with its own internal charger. This unique feature helps to eliminate downtime for users on-site.

Four support beams on each corner provide added support for larger loads, that 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 non-marking 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
<b>Capacity</b>	3000kg (up to 25°)	
<b>Capacity at max gradient</b>	2500kg	
<b>Max longitudinal gradient</b>	45°	
<b>Max lateral gradient</b>	30°	
<b>Length</b>	1770mm	
<b>Width</b>	790mm	
<b>Height</b>	510mm	
<b>Track length</b>	1310mm	
<b>Track width</b>	200mm	
<b>Ground clearance</b>	64mm	
<b>Max speed</b>	4.2km/h	
<b>Swivel platform</b>	Standard	
<b>Power of electric motors</b>	10.6kW	
<b>Voltage</b>	48V	
<b>Battery capacity &amp; type</b>	AGM	Lithium
<b>Charger (110-230v)</b>	7hrs - 13A	4hrs - 20A
<b>Ingress protection IP</b>	IP67	
<b>Controller</b>	Radio remote control	
<b>Weight (with battery)</b>	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**

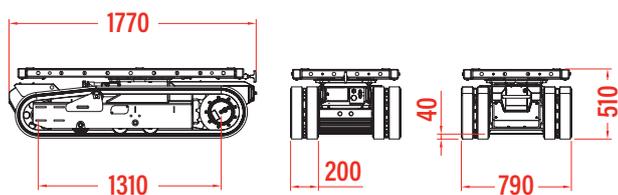
The platform of the ML 3.0 FX sits on a freely rotating slewing ring with 16 different lockable positions that the user can manually choose from, enabling you to adapt the platform to your own needs.



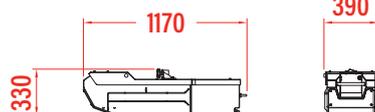


The ML 3.0 FX is fully controlled by radio remote.

**Technical Data (mm)**

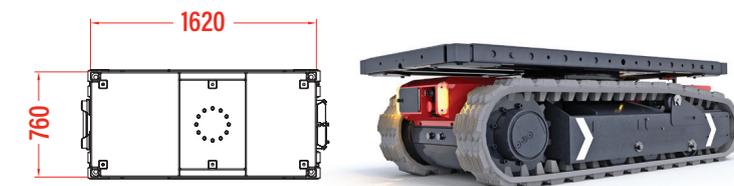


**Removable Battery Pack**

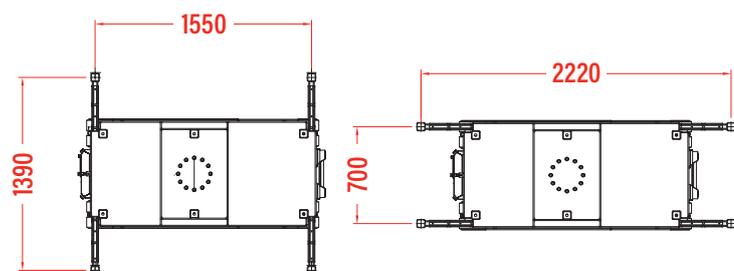


**Removable Battery Pack Weights**

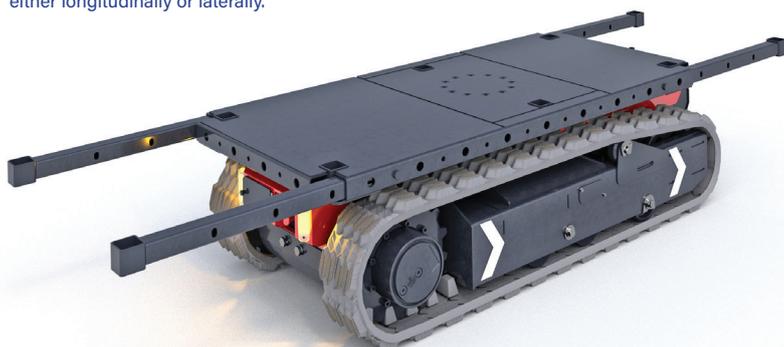
ELC Battery Pack: 170kg  
LTH Battery Pack: 100kg



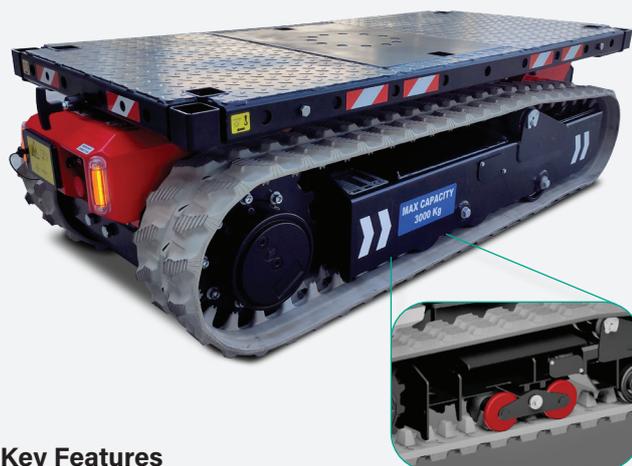
**Telescopic Support Beams**



The four telescopic support beams on each corner provide added support for larger loads. The supports can extend the platform either longitudinally or laterally.



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.



**Key Features**

- Max capacity: 3000kg (up to 25°)
- Max speed: 4.2km/h
- Max gradient: 45° longitudinal, 30° lateral
- Non-marking tracks
- 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)

**Platform Rotation**

