



Electric loader tractor Tecnacar VCA 420

Referencia: VCA 420

Description

Tecnacar has developed the TCS (Traction Control System) with the aim of achieving safer driving and savings on tyre wear, and an ACS® (Automatic Collapsible System) anti-tip system for automatic speed reduction on curves.

The VCA 420 electric towing tractor is one of Tecnacar's VCA 400 Series.

Features of the VCA 420 electric loader tractor

- Ergonomics: the towing tractor driver can enjoy the best ergonomics thanks to the new range of seats that have different suspension levels, a built-in armrest that can be adjusted in depth and height with a single action and a telescopic and tilting column.
- Display: maintenance can be scheduled and parameters set through the Tecna Service Tool (TST) or from the large screen.
- Flux Vector Control: latest-technology programming. Intelligent adaptation work requirements, determining the minimum battery consumption in each case.
- Battery: side battery removal
- High performance motors: a dynamic response in any situation is guaranteed thanks to the high power of the two asynchronous traction motors (maintenance free).

- Comfort: the protective cabin floats on hydraulic shock absorbers, making it very comfortable for the driver, reducing the noise level and eliminating vibrations.
- Brakes: braking system based on fully encapsulated discs bathed in oil.

Standard equipment of the VCA 420 loader tractor

- Electronic AC control with energy recovery.
- Flux Vector Control and Anti-tip System
- 300W DC/DC voltage converter
- Super elastic wheels and front/rear suspension
- Flashing light and acoustic alarm in reverse
- Work light, pilot lights, flashing light, stop light and intermittent light
- Seats with rollable seat belt.
- Companion seat.
- Safety roof.
- Tow hook with driver visibility
- Electromagnetic automatic parking brake.
- Panoramic rear vision mirror.
- Automatic "step-step" approach system
- Side battery removal with standard pallet jack

Technical sheet

Model	VCA 420
Brand	TECNACAR
Length	3055 / 3220 mm
Width	1330 mm
Height	1873 mm
Turning radius	2824
Weight	2875 kg
Load capacity	1500 / 2000 kg
Motor Power (KW)	2x10
Wheelbase	1625 mm
Nominal bar shot	4000 N
Ancho de vías detrás	1100 mm
Ground clearance	140 mm
Travel speed with/without load	12/25 km/h
Maximum bar shot	13500 N
Batteries	80/450 V/Ah
Track gauge in front	1140 mm
Motorisation	Electric
Ordering	1500 / 2000