



OPTIMISE PRODUCTIVITY IN THE FORMWORK AND SHORING PHASES

KROSS
BUILDER

- ▶ YOU CAN DRIVE IT ANYWHERE
- ▶ MOVES 500 KG EFFORTLESSLY
- ▶ USER-FRIENDLY AND NEEDS NO SPECIALIST TRAINING

Alphi
Formwork and solutions

PUT AN END TO STRENUOUS MATERIAL HANDLING CONDITIONS



TRANSPORT ANYTHING, EVEN IN THE MOST DIFFICULT-TO-ACCESS AREAS

- Kross builder 500 is an electric handling truck enabling any user to transport up to 500 kg effortlessly.
- Mechanising the horizontal handling process increases productivity and drastically reduces accidents at work and cases of repetitive strain injury (RSI).
- Alphi has designed, in partnership with K-Ryole, a special module for mechanising the handling of formwork and shorting materials on worksites.

▷ YOU CAN DRIVE IT ANYWHERE

- Kross builder 500 is suitable for being driven in all areas, even if they are restricted and have no crane access. It can be used underground and on upper levels.
- It is designed to be resistant to water, mud, uneven ground, and works in access ramps.
- Kross builder 500 follows every worksite phase.



▷ OPTIMISED PRODUCTIVITY

- Kross builder 500 makes it possible to transport a large volume of materials directly to the work area to avoid having to travel multiple times with manual loads.
- Can be operated by anyone: skilled workers will not be monopolised.
- Real-time load cancelling technology
 - ➔ 500 kg = 1% of the worker's load.



▷ USER-FRIENDLY AND NEEDS NO SPECIALIST TRAINING

- Kross builder 500 is easy to operate using a handle and a single button.
- When the handle is pushed or pulled, the motors respond instantaneously to cancel the weight of the truck and its load.
 - ➔ User-friendly design – just as easy to handle as an empty trolley.
- No training/ no accreditation or specialist qualification required.



A HIGH-PERFORMANCE MODULE FOR ALL WORKSITE PHASES

Side panels: removable panels for easier loading and allowing flexibility in terms the working volume, flat bottom

Container tilting angle of up to 70°: easier loading / unloading for heavy use

Control and operation: easy-to-use, ergonomic handle. Start button, horn, antitheft security system

Motor units: 2 x 1500 Watt electric motors

Tilting system: hydraulic jack and power unit to manage module tilt angle

Control unit, electric charger

Remote control



▷ 100% ELECTRIC

- Battery life under heavy use conditions 2 days (7hrs/day)
- Battery life under moderate use conditions 3 days (4hrs/day)
- Rapid charging: 5hrs

▷ CLEARANCE

- Zero tipping risk
- Clears 15 cm edge
- Clears 17% slope

▷ DIMENSIONS

- Width 85 cm
- Length 272 cm
- Height 65 cm

SECTORS OF USE



Prop handling



Beam, frame and formwork panel handling



Shoring tower component handling

OPTIMISE WORKSITE COST-EFFECTIVENESS MAKE YOUR TEAMS' LIVES EASIER



SAFETY

- Reduce cases of RSI and strenuous conditions associated with material handling
- No noise or air pollution
- Limit risks of accidents at work (less manual handling)
- Improve working conditions for site workers



PRODUCTIVITY

- Transport 1 tonne of materials per hour
- 1 days' material handling = 1 hour with Kross builder 500
- Your material handling productivity will increase 8-fold!

▷ CRAMIF / CARSAT

Kross builder 500 is eligible for grant schemes.

▷ COMMITMENTS

- Tested and approved by ergonomists
- Guaranteed long-term reliability



Made in France



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