

**WORLD'S MOST ENERGY EFFICIENT
MOBILE SERVICE PLATFORM**



Less than 700 KG

**NEW ETOWER
& ECUBE TRUCK
COMBINATION**

COMPACT
EMISSION FREE
ENERGY EFFICIENT
LIGHTWEIGHT





SERVICING FUTURE MOBILITY. MOBILE!

- Requires just 1.1m² of floor space
- Lightweight
- Massive cost savings on idling engine
- No disturbing noise or fumes
- Remote monitoring, software updates and troubleshooting
- Cold climate? Doors closed – full functionality
- Specifically designed for mobile service market
- Compact dimensions and modular design allow for flexible installation
- Temperature-controlled 48V Lithium powerbank starting from 2.6 kWh
- Works on a wide range of tire sizes
- Guarantees workshop quality on your customer's driveway
- Easy to (de)install (**no drilling required**)
- Easy to operate
- NIOSH recommended working height
- AC/DC & 12V DC/DC charging – solar optional
- Service friendly
- The heart of your mobile service platform
- Bring the WOW factor to your customer
- Preferred choice of various international car & tire manufacturers and their networks
- Designed, engineered & manufactured in The Netherlands



YOU ARE IN-CONTROL TECHNOLOGY (INTERNATIONAL PATENTS PENDING)
One machine! Two operation methods - **LEVER OR LEVERLESS!**



As mobile tire servicing and mobile car servicing become more and more popular throughout Europe, North America and Asia, innovation in how these modern workshops on wheels operate must keep up. Our ecube does just that. It is **emission free, Lightweight, compact** and it benefits from a **modular design** to ensure that ecube **easily fits in any vehicle or trailer**.

With ecube using a minimum of floorspace, it becomes possible to haul more tires, tools and equipment. Thus, ensuring more profitable stops and 'no need to return' service jobs.

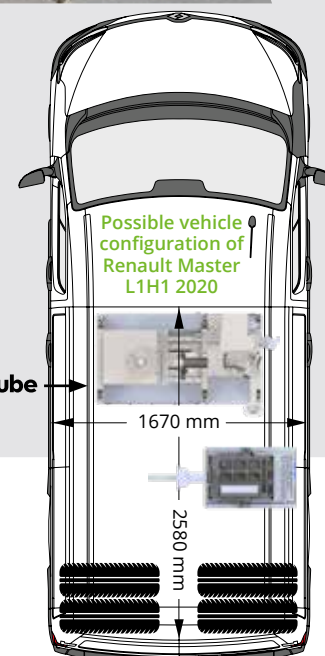
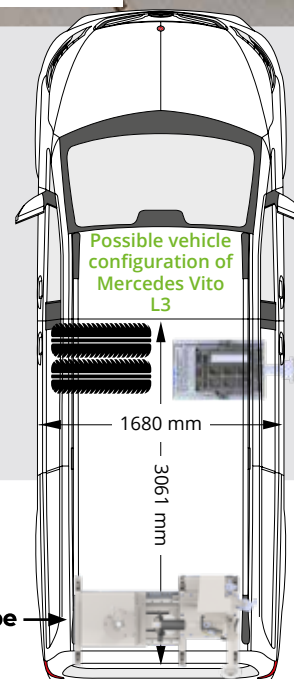
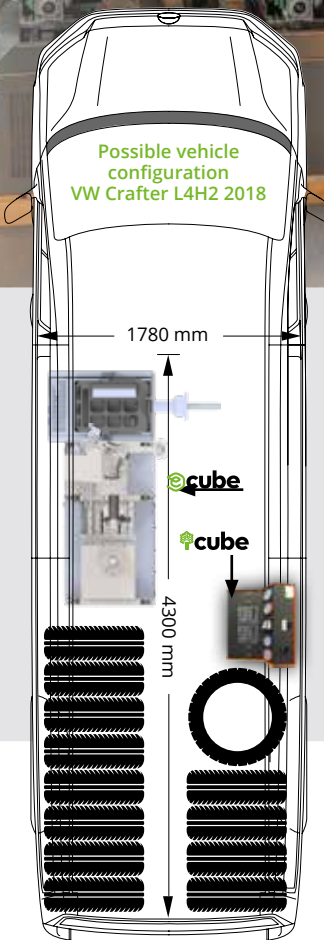
As operator, you work in a comfortable environment all year round. ecube uses a temperature-controlled lithium battery bank, developed and manufactured in-house. This eliminated fumes and noise pollution that traditional generators are known for. As a result you continue to work inside your vehicle with all doors fully closed when weather conditions are harsh.

Despite its compact dimensions, ecube makes no compromises on functionality and robustness. It changes tires from **10 to 24 inches** with 43 inches as maximum wheel diameter. We offer a large range of accessories and upgrades. Our **in-control system** (international patents pending), makes your ecube **both a lever and leverless machine**.



WHY ECUBE'S BATTERY POWERED SYSTEM?

GENERATOR PTO SYSTEM	ECUBE BATTERY SYSTEM
<input checked="" type="checkbox"/>	<input type="checkbox"/> NOISE POLLUTION FREE
<input checked="" type="checkbox"/>	<input type="checkbox"/> AIR POLLUTION FREE
<input checked="" type="checkbox"/>	<input type="checkbox"/> FOSSIL FUEL FREE
<input checked="" type="checkbox"/>	<input type="checkbox"/> COMPACTNESS
<input checked="" type="checkbox"/>	<input type="checkbox"/> LIGHTWEIGHT
<input checked="" type="checkbox"/>	<input type="checkbox"/> YEARLY MAINTENANCE
<input checked="" type="checkbox"/>	<input type="checkbox"/> MODULAR/EXPANDABLE
<input checked="" type="checkbox"/>	<input type="checkbox"/> (OPTIONAL) EV CHARGING (WITH ISOLATOR)
<input checked="" type="checkbox"/>	<input type="checkbox"/> LONG LIFE
<input checked="" type="checkbox"/>	<input type="checkbox"/> PURE SINE WAVE INVERTER
<input checked="" type="checkbox"/>	<input type="checkbox"/> VEHICLE WARRANTY RISK
	<input checked="" type="checkbox"/> OPERATOR FRIENDLY
	<input checked="" type="checkbox"/> WORK 'INDOORS' - ENCLOSED PARKING / UNDERGROUND PARKING
	<input checked="" type="checkbox"/> STOP BURNING EXPENSIVE FUEL!
	<input checked="" type="checkbox"/> HIGHLY COMPACT AND EASY TO (DE) INSTALL
	<input checked="" type="checkbox"/> 30% LIGHTER
	<input checked="" type="checkbox"/> CELLS ARE MAINTENANCE FREE FOR THE FIRST 5 YEARS
	<input checked="" type="checkbox"/> INCREASE POWER WHEN YOUR BUSINESS GROWS/TRANSFORMS
	<input checked="" type="checkbox"/> EXTEND YOUR SERVICES - SECURE NEW CUSTOMERS
	<input checked="" type="checkbox"/> >3000 CYCLES
	<input checked="" type="checkbox"/> ALLOWING SENSITIVE APPLIANCES TO BE CHARGED/OPERATED
	<input checked="" type="checkbox"/> FULLY INDEPENDENT SYSTEM



WHATEVER CONFIGURATION, WHATEVER VEHICLE OR TRAILER
ECUBE - FITS!



FEATURES

- **WEIGHT:** 280 KG (tire changer/lower frame with compressor)
- **MAX. HEIGHT:** 1835 MM
- **FLOORSPACE:** 1.1 M²
- **PERFORMANCE:** UP TO 80 TIRES (FULLY SERVICED WHEN 100% CHARGED)

IN-CONTROL TECHNOLOGY

INCLUDES

- 10 - 24" (max. wheel diameter 43")
- 48V / 5.4 kWh temperature-controlled
- AC/DC, DC/DC charging
- 2 helper arms and **IN-CONTROL operation** (international patents pending)
- 40L aluminum tank (Certified)
- Silent oilless compressor 8 Bar
- **2000W** / 6000W industrial inverter
- Includes soft start and turtle mode
- Includes touchscreen and camera (remote support, operator videos, control switch system test, customized screen)
- PCL digital inflating system
- Adjustable turntable height
- Tire lever, elube and more

OPTIONAL

- Detach remote foot controller
- Solar charging

BALANCER

- 2D Motorized model with Haweka Centering (up to 26")
- Weight (including accessories): 50 KG
- Laserline and auto positioning

POWERBOX

- Weight: starting from 48 KG
- As we design and manufacture our own power-boxes there's always a power & air solution that meets your specific requirements. This relates to both performance and charging needs.
- Challenge us!**

TOTAL WEIGHT < 400 KG



SEPERATE OR CONNECT

FEATURES

- **WEIGHT:** 230 KG (tire changer/lower frame with compressor)
- **MAX. HEIGHT:** 1482,6 MM
- **FLOORSPACE:** 1.1 M²
- **PERFORMANCE:** UP TO 40 TIRES (FULLY SERVICED WHEN 100% CHARGED)

INCLUDES

- 10 - 24" (max. wheel diameter 43")
- 48V / 2.6 kWh temperature-controlled
- AC/DC or DC/DC charging
- 40L aluminum tank (Certified)
- Silent oilless compressor 8 Bar
- 500W industrial inverter
- Analogic handheld inflator
- Adjustable turn table height
- Tire lever and elube

OPTIONAL

- Standard helper arm
- Second helper arm with **IN-CONTROL operation** (international patents pending)
- Detach remote foot controller
- Soft start and turtle mode
- Touchscreen and camera (remote support, operator videos, control switch system test, customized screen)
- PCL digital inflating system
- Solar charging

BALANCER

- Hand-spin model with Haweka Centering (up to 26")
- Weight (including accessories): 60 KG
- **Optional:** 2D Motorized model with Haweka Centering (up to 26")

POWERBOX

- Weight: starting from 48 KG
- As we design and manufacture our own power-boxes there's always a power & air solution that meets your specific requirements. This relates to both performance and charging needs.
- Challenge us!**

TOTAL WEIGHT < 340 KG



SEPERATE OR CONNECT





INVERTER BOX

MAX STANDARD	MAX STANDARD+	MAX PERFORMANCE
2000W	3000W	6000W
50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
110 / 230V	230V	230V

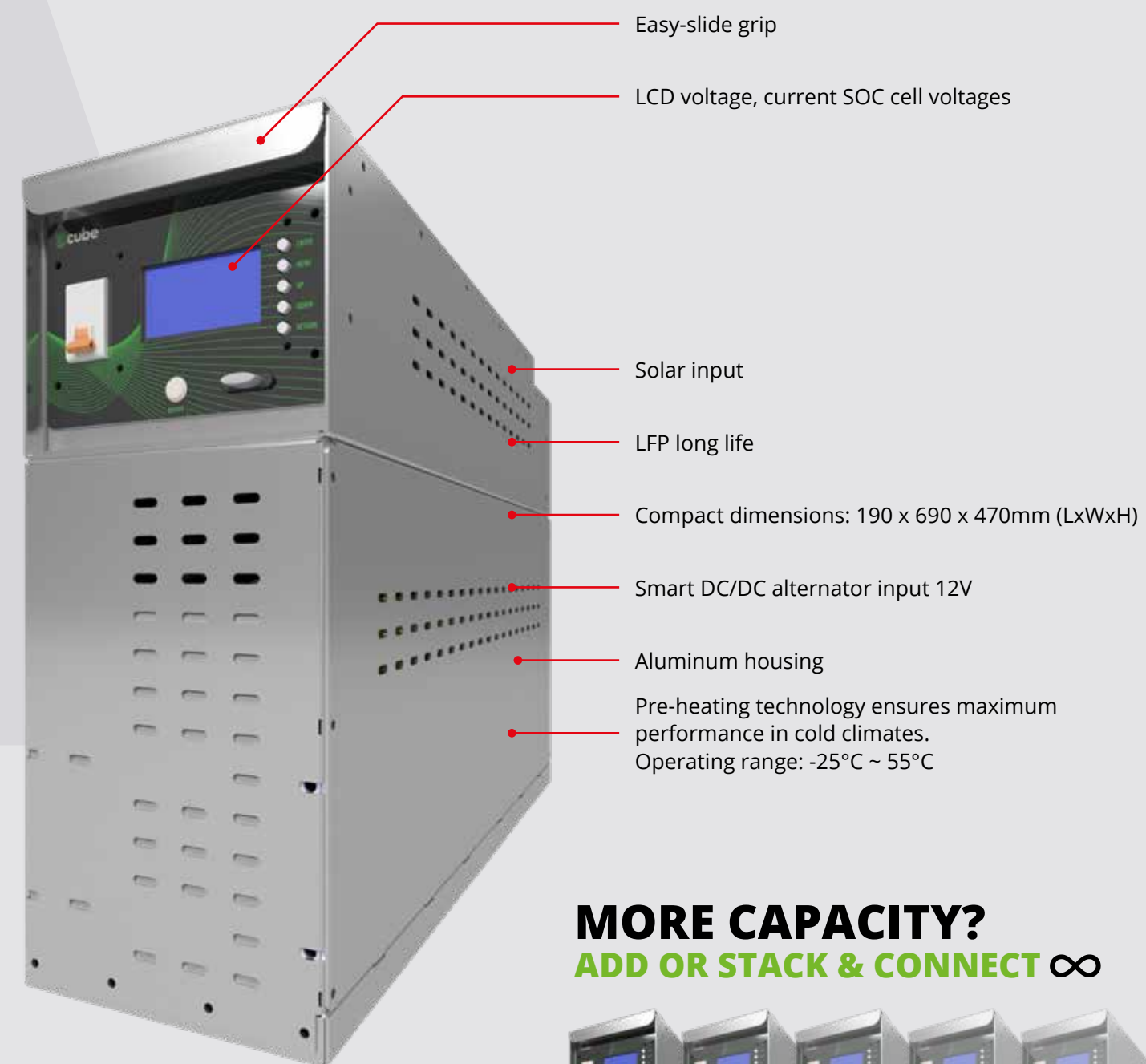


MORE POWER?
ADD OR STACK & CONNECT ∞



BATTERY BOX

STANDARD	EXTENDED
2,6 kWh	5,6 kWh
48V	48V



MORE CAPACITY?
ADD OR STACK & CONNECT ∞





TOOLS, LIFTING, CENTERING, LUBRICATION, CHARGING - ACCESSORIES

We offer an ever-growing, comprehensive range of quality tools and accessories that provides you with all you need to be able to grow and manage your mobile business.

Contact us for the full range



**SUPER FLEXIBLE,
ULTRA-THIN & ULTRA-
LIGHT SOLAR PANEL
360W (200 X 100 CM)**



DUAL GAS - VIBRATION RESISTANT AC



Launching ecube's etower and GEN1MTS26

The next, emission free, low-noise, all-in-1 mobile tire service solution for bus and (light) truck wheels up to 26". etower includes a high capacity lithium battery bank and benefits from high speed AC/DC, DC/DC and (optional) solar charging. etower also includes a compressor that reaches up to 12 bars.

A fully charged, maximum capacity etower, ensures 45 tires being fully serviced (demount/mount/balance). **CHARGING ETOWER FROM 0-100% COSTS LESS THAN 3 EURO!** How much fuel do you currently burn per hour? What about maintenance costs and downtime? We think we can do better. In fact we're pretty sure!

The next, emission free, low-noise, all-in-1 mobile tire service solution for bus and (light) truck wheels up to 26"

ETOWER ENERGY / AIR

AVAILABLE CONFIGURATIONS

Capacity: 5.6kWh / 11.2kWh / 16.8kWh (15/30/45 tires)
 Power: 6.000W / 9.000W / 18.000W
 Voltage: 230VAC 1Ph / 400VAC 3Ph

TECHNICAL DATA

Charging time: 1.5 hours or more (model dependent)
 Compressor: 12Bar, 350 l/m, 79 dB
 Tank: 40L Aluminum (Certified)
 Tire filling time: 4m 56s*
 * calculated with tire 445/50R22.5 8.3Bar (120PSI)

- ✓ Fast Return Of Investment
6 months considering 5 hours/240 days
- ✓ No generator means no fumes, gasses or excessive noise
- ✓ Lightweight design
- ✓ Charge AC/DC, DC/DC or solar (optional)
- ✓ ETOWER works with the majority of truck tire changers in the market*
- ✓ Lightweight design
- ✓ Ultra low power consumption

GEN1MTS26 HYDRAULIC TIRE CHANGER

TECHNICAL DATA

Rim diameter: 13" - 26"
 Rim width: 600 mm
 Max wheel diameter: 1400 mm
 Hydraulic motor power: 230V



**ENERGY EFFICIENT
230V VERSION**
WEIGHS LESS THAN 700 KG

VISIT WEBSITE



* Corghi, Hunter, M&B and others
 ** Render shows 400V configuration



ECUBE'S SUPERIOR ERGONOMICS ALLOWS FOR SIGNIFICANTLY REDUCED FATIGUE AND INCREASED QUALITY AND PRODUCTIVITY.



OPERATING ECUBE IS EASY! WE PROVIDE ONSITE & (LIVE) ONLINE TRAINING SESSIONS TO HELP YOU UNDERSTAND THE INS & OUTS.



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