

 **cube**

The **ELECTRIFYING**
Mobile Tire Service
REVOLUTION

ALL-IN-
48V TIRE SERVICE
TECHNOLOGY 

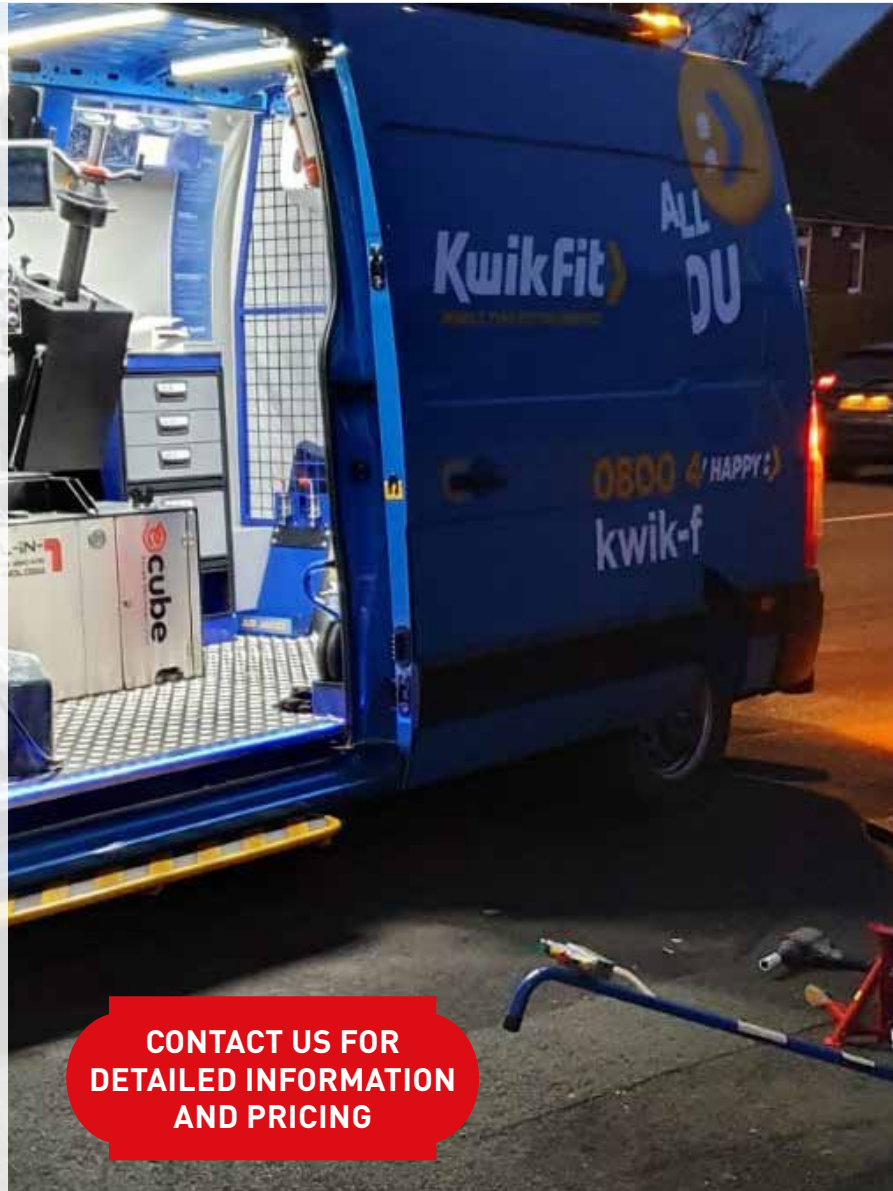


ECUBE-EQUIPMENT.COM

**THE MOST TECHNOLOGICALLY
ADVANCED MOBILE TIRE
SERVICE UNIT IN THE MARKET!**

**SERVICING FUTURE MOBILITY.
MOBILE!**

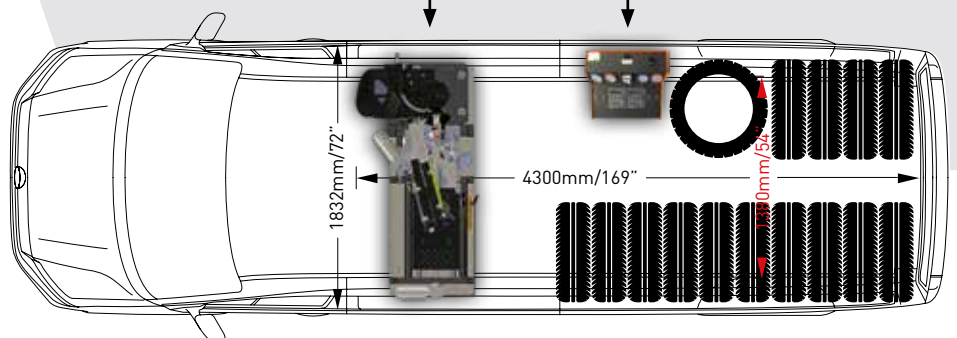
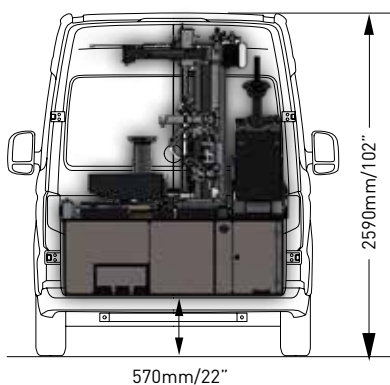
- Requires just 1.1m²/12ft² of floor space
- Compact dimensions allow flexible installation
- 48V premium battery bank - lithium or AGM
- No disturbing noise or fumes
- Works on a wide range of tire sizes
- Guarantees workshop quality in your customer's driveway
- Easy to (de)install
- Easy to operate
- Cold climate? Doors closed – full functionality
- NIOSH recommended working height
- Massive cost savings on idling engine
- Remote monitoring, software updates and trouble shooting
- Lightweight
- Service friendly modular design
- The heart of your mobile service platform
- Bring the WOW factor to your customer
- Specifically designed for mobile service market
- Designed, engineered & manufactured in the EU 🇪🇺



**CONTACT US FOR
DETAILED INFORMATION
AND PRICING**



Designed, engineered & manufactured in the EU



*Drawings show a possible vehicle configuration of VW Crafter L4H2 2018



As mobile tire servicing becomes more and more popular throughout Europe, North America and Asia, innovation in how these on-the-go tire shops operate must keep up. Our ecube does just that. By combining all of the necessary tools and functions in traditional mobile tire service vehicles into one, the ecube's compact design allows the mechanic to work in an upright position while inside any light commercial vehicle or trailer.

Not only does this make the mechanic's job easier, but also creates space for more tires and service equipment to be stored in the vehicle ensuring more profitable 'stops'. Additionally, the ecube does not require a generator onboard, which means no fumes or noise pollution.

Even with its compact and lightweight design the ecube makes no compromises on functionality and robustness. It is still capable of changing tires from 10 inches to 24 inches with 40 inches as maximum wheel diameter.



SPECIFICATIONS E-CUBE ALL-IN ONE TIRE CHANGER

	BASIC MODEL			PREMIUM MODEL	
TIRE CHANGER	48 VOLT SEMI AUTOMATIC 10"-24" (max wheel D. 40")			48 VOLT SEMI AUTOMATIC 10"-24" (max wheel D.40")	
WHEEL BALANCER	HAND-SPIN 2D 10" - 26" 3 cones 42 - 111,5 mm			MOTORIZED [Made in Italy] 2D 10" - 26". Digital balancer - 98 RPM - 3 sensor - 3 cones 42 - 111,5 mm	
BATTERY PACK	AGM batteries	48V	100Ah	LITHIUM LiFePO4	48V 60Ah
INVERTER	NO			48V-230V/110V pure sine	48V-230V/110V pure sine
TOUCHSCREEN	NO			HDMI LCD 10.1 inch IPS 1280x800 capacitive Touchscreen. Camera live feed - Battery and inverter status - battery consumption & history - Service page with manuals, videos, troubleshotting - Router login - Optional page for EV emergency charge system	
INFLATION	ANALOGIC			DIGITAL	
DUAL COMPUTER SYSTEM	YES			YES	
MOTOR CONTROL	"Micro computer - Atmel AT mega 32U4 16Mhz Crystal oscillator 8-bit resolution"			"Micro computer - Atmel AT mega 32U4 16Mhz Crystal oscillator 8-bit resolution"	
CENTRAL CONTROL	NO			"Micro computer -core 64-bit processor clocked at 1.4 GHz, 2GB LPDDR" SRAM"	
CAMERA	NO			Mini CCD/CMOS HD digital camera	
ROUTER	NO			"Rugged and durable professional 4G/LTE Dual SIM cellular route with advanced WiFi, Ethernet and industrial grade networking functionality support. "	
POWER SUPPLY CHARGING SMART	AC - 48V - 8A / DC - 48V - 10A			AC - 48V - 8A / DC - 48V - 10A	
POWER SUPPLY CHARGING COMBINED	AC/DC - 48V - 18A			AC/DC - 48V - 18A	
POWER PACK REMOVABLE	YES			YES	
POWER PACK MULTIUSE	NO			Usable as portable UNIT: 1200W AC	
POWER PACK PROTECTION	For low discharge and overcharge			For low discharge and overcharge	
TIRE CHANGER	MIN. "	MAX. "		MIN. MM	MAX. MM
Rim diameter	10"	24"		254	610
Total tire diameter with rim 24"	-	40"		-	1016
Total tire diameter with rim 23"	-	39"		-	990
Total tire diameter with rim 22"	-	38"		-	965
Total tire diameter with rim 21"	-	37"		-	940
Total tire diameter with rim 20"	-	36"		-	915
Total tire diameter with rim 19"	-	35"		-	990
Total tire diameter with rim 18"	-	34"		-	864
Total tire diameter with rim 17"	-	33"		-	838
Total tire diameter with rim 16"	-	32"		-	813
Total tire diameter with rim 15"	-	31"		-	788
Total tire diameter with rim 14"	-	30"		-	762
Total tire diameter with rim 13"	-	29"		-	737
Total tire diameter with rim 12"	-	28"		-	712
Total tire diameter with rim 11"	-	27"		-	686
Total tire diameter with rim 10"	-	26"		-	661
Wheel width	2"	19"		50	485
Bead press system	Upper and lower bead press by roller				
Bead press roller force	-	2600Kg		26000Nm	5734 Lbs
Clamping system	Central clamping with pneumatic spindle and Haweka quicknut				
Rotating spindle speed	1 RPM	15 RPM		variable	-
Rotating spindle force	800Nm				
Inverter motors	Yes				
Gearbox	Made in Italy				
COMPRESSOR	48V - 2 CILINDER 1,5 HP - BELT DRIVEN				
Air tank capacity	15 Gallon / 60 Liter			15 Gallon / 60 Liter	
Air pressure	130 Psi / 9 Bar			130 Psi / 9 Bar	
Air flow pump out	10 Cfm / 284 L/pm			10 Cfm / 284 L/pm	
Noise volume	69 Db. [A]			69 Db. [A]	
ECUBE KEY DATA					
Weight	1014 Lbs	460Kg		992 Lbs	450Kg
Dimensions L x W x H	1500mm	560 + 180mm		1800mm	560 + 180mm
	59"	22" + 7"		71"	22" + 7"
ecube components volume	53ft³	1,5m³		53ft³	1,5m³