

eCUBE all-in-1: the perfect mobile service





Mobile tire service:
a NEW
way of working
is reality.



The OLD way of working

Current systems equipped with a PTO or Internal combustion engine (ICE) generator have:

- A high cost of maintenance
- Small space inside the van
- The operator may have to work outside the van
- High fuel consumption
- Noise (cannot use in residential areas)
- Toxic Fumes (cannot use in restricted/closed areas)



What is eCUBE



A complete tire service system in just 1 sqm:

- Tire changer
- Wheel balancer
- Compressor
- Air tank 60l
- Battery system

ALL IN ONE



eCUBE advantages



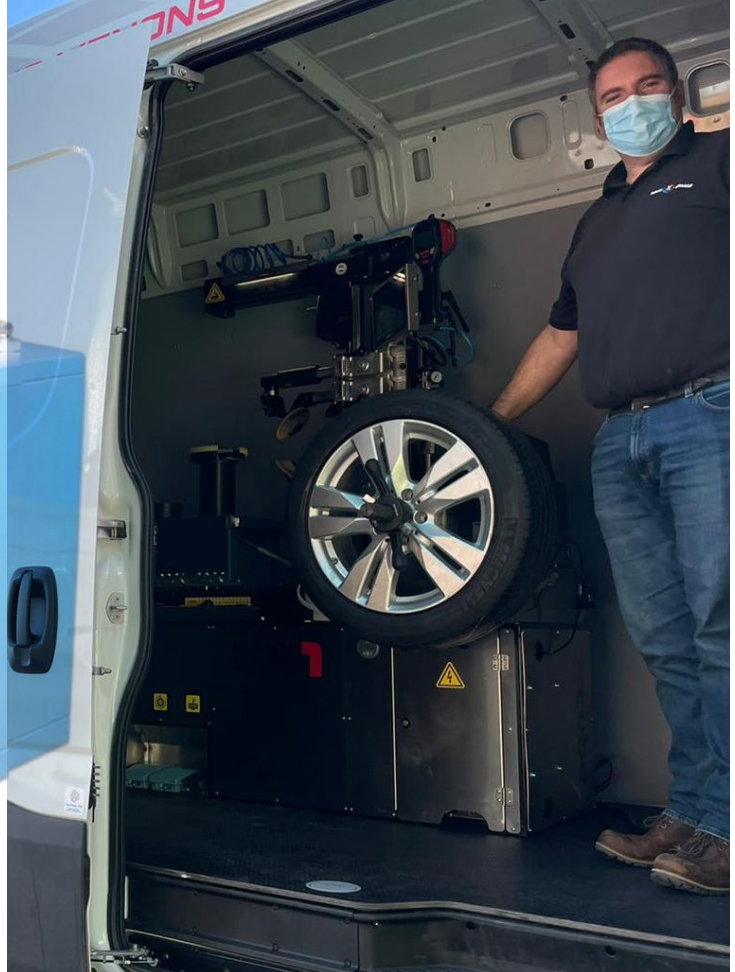
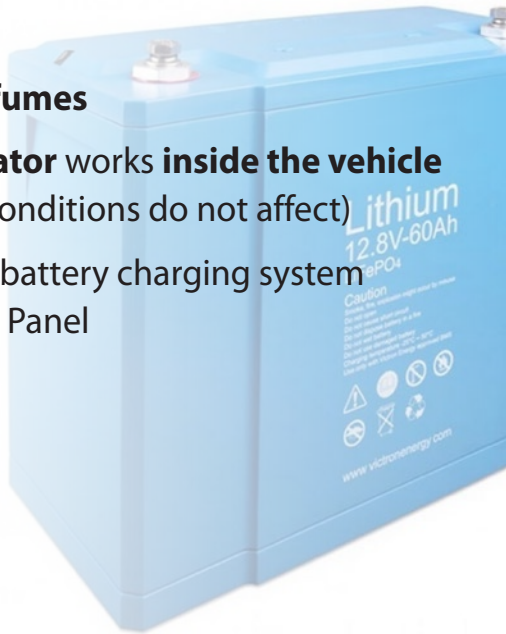
- **Easy to install** on a van
- **Compact** dimensions
- **Various possibilities for positioning** eCUBE inside the van or on trailers.
- It handles a **wide variety of tires**
- Minimal maintenance
- More space for additional car service equipment
- **Powered by batteries** (Generators or PTO systems **are not required**)



The advantages of a battery system



- **No noise**
- **No toxic fumes**
- **The operator works inside the vehicle** (climatic conditions do not affect)
- **Optional** battery charging system with Solar Panel



Versatility of use

Suitable for all types of vans



Thanks to its **compact footprint**, the **installation of eCUBE is extremely versatile**: it is actually possible to place it on vans, both **longitudinally** and **transversely**, and also on **minivan**.



Versatility of use

1. Installation on L2H2 vans

(ex. Sprinter, Ducato, Master, Crafter)



Versatility of use

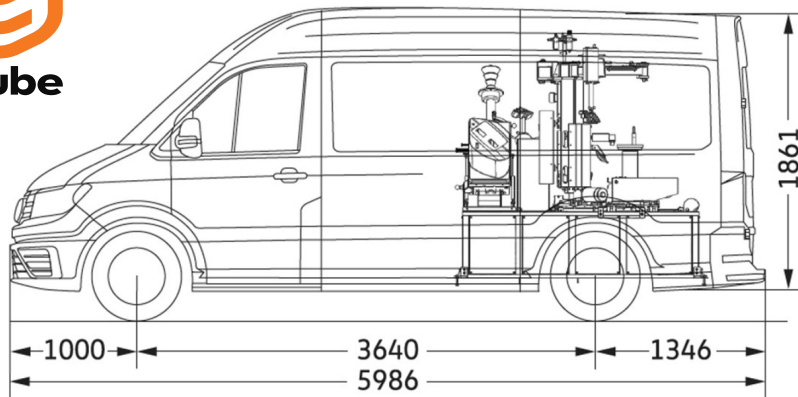
1. Installation on L2H2 vans

(ex. Sprinter, Ducato, Master, Crafter)

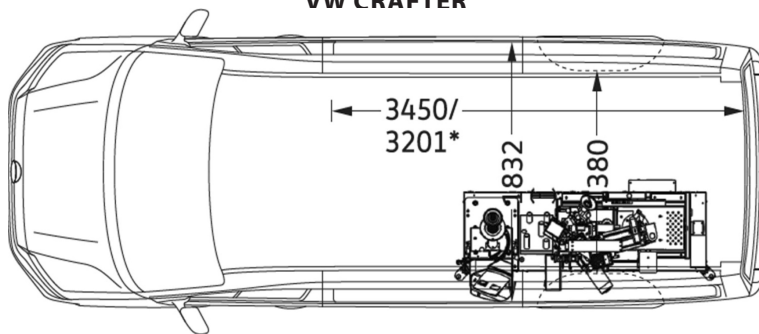


Setup Examples / L2H2 Vans

Layout A LONGITUDINAL

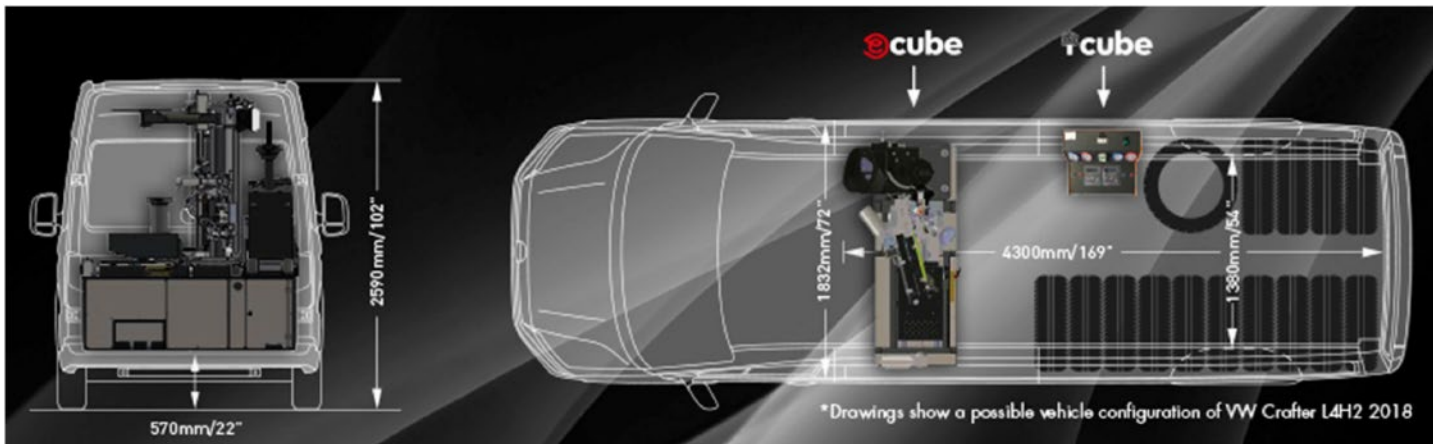
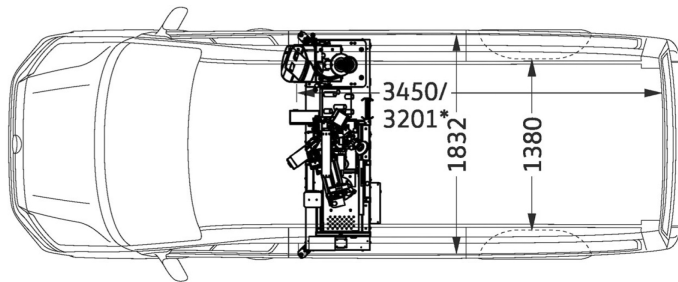


VW CRAFTER



Setup Examples / L2H2 Vans

Layout B TRANSVERSAL



Setup Examples / L2H2 Vans

Layout B TRANSVERSAL



Versatilità di impiego

2. Installation on van

(ex. Vito, Trafic, Talento, Transporter)



THE FASEP SOLUTION:
wheel balancer B112
on Folding system



The Customer is waiting for you



- They are ready and willing to **pay** for **comfort, quality / safety**
- **Ecological** service at the customer's home or office!
- In addition to changing tyres, eCUBE allows you to **sell more services**.



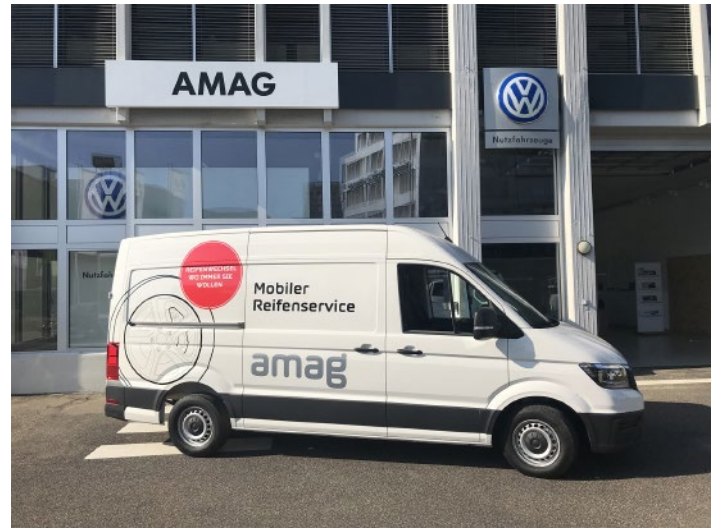
Perfect Stop



The unique design of **eCUBE** allows to generate **more profit in less time.**

eCUBE allows the **integration of equipment** that generates additional revenue.

Whenever a technician visits a customer with a mobile service vehicle equipped with eCUBE, he is able to **provide additional services.**



Fuel: a hidden cost

Current systems equipped with a PTO or independent petrol generator **consume fuel** and are **toxic** and **noisy**.



With PTO or Generator

Fuel consumption: 2 l/hour

2.000 € per year

(2 l / h x 12 h / day = 18-20 € / day
x100 days of use)

Toxic fumes

Noise



GREEN
TECHNOLOGY
PRODUCT



Con eCUBE

Fuel consumption:

ZERO

NO Fumes

NO Noise

**WORK WITH
COMFORT**



Technical features



AIR COMPRESSOR

- Tank 60L
- 1,5 HP 48 volt
- Single stage 2-cylinder
(in 337L/M – out 284 L/M)
- Belt driven
- Max bar: 9
- Rpm compressor: 1,200
- Rpm electric motor: 3,000
- Db(A): 72

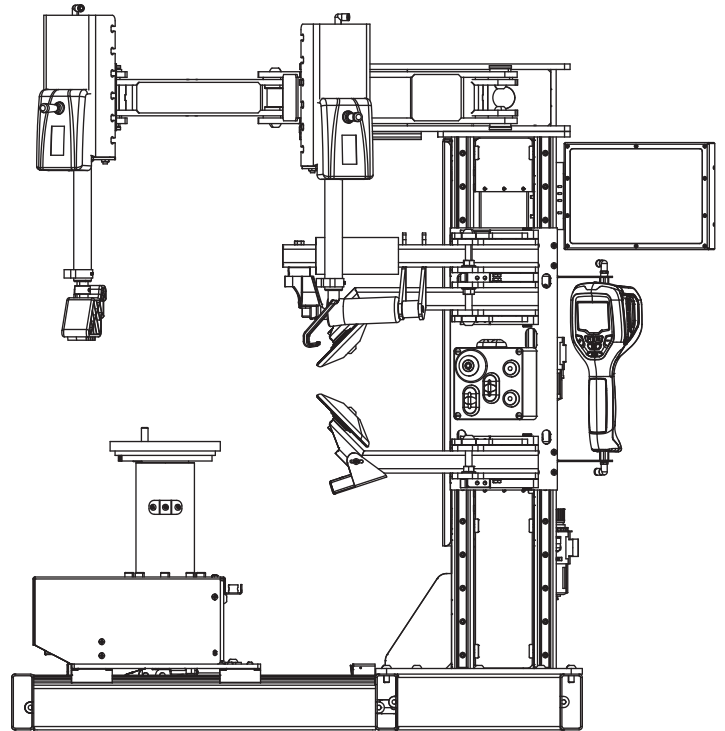


Technical features



SMONTAGOMME (made in NL):

- 48V semi-automatic
- 10-24" for car and motorbike tires
- Pneumatic help arm
- Rim width: 250 mm
- Max. tire diameter: 40"
- Digital Auto Inflator



Technical features



WHEEL BALANCER (made in Italy)

- Rim diameter: 8-26" (200-650 mm)
- Max. wheel diameter: 34" (864 mm)
- Max. wheel width: 16" (415 mm)
- Max. wheel weight: 75 kg (166 Lbs)
- Rotation speed: 98 RPM
- Balancing time: 8-15 s.
- Accuracy: 1 gr



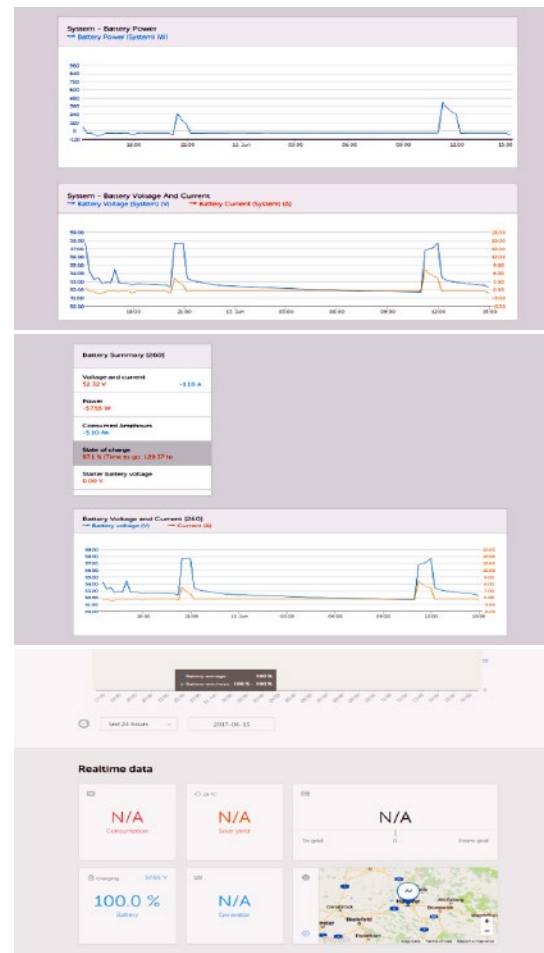
FASEP
FOLDING SYSTEM
FOR B112



Monitoring System



- PTo control the batteries and the eCUBE system, we use the **eCUBE all-in-1 app**.
- The app with the Geo-locator **checks the position of the van** and directs it to the nearest customer.
- The app provides us with **preventive measures for the power bank** before irreparable damage occurs.
- This application is also valuable for drivers, as it allows them to make the most of their power bank.



Touch Screen



Touchscreen and computer - bluetooth4.2 ethernet allow:

- Watch the tire being fitted using the video camera
- Battery Monitoring
- On-line operation and maintenance



Comparison of investments (1st year)



PTO-GENERATOR System	
	-outputs/+inputs
Equipment (tyre changer, wheel balancer, compressor, generator)	-12.000
Van	-35.000
Other equipments	-/+ 0
Tire change (20€x4=80€) (6 cars/day= 480€ x 100 days)	+48.000
Other services Airco, oil, batteries etc	-/+ 0
Fuel consumption	-2.000
Maintenance:	-500
Total	-1.500

eCUBE (1st year)	
	-outputs/+inputs
E-cube	-20.000
Van	-35.000
Other equipments:	-5.000
Tire change (20€x4=80€) (6 cars/day= 480€ x 100 days)	+48.000
Other services Airco, oil, batteries etc (+50€ /car) (3 cars/day= 150€ x 100 days)	+15.000
Fuel consumption	-/+ 0
Maintenance	-/+ 0
Total	+3.000



Comparison of investments (2nd year)



PTO-GENERATOR System	
	-outputs/+inputs
Equipment (tyre changer, wheel balancer, compressor, generator)	-
Van	-
Other equipments	-/+ 0
Tire change (20€x4=80€) (6 cars/day= 480€ x 100 days)	+48.000
Other services Airco, oil, batteries etc	-/+ 0
Fuel consumption	-2.000
Maintenance:	-1.000
Total	+45.000

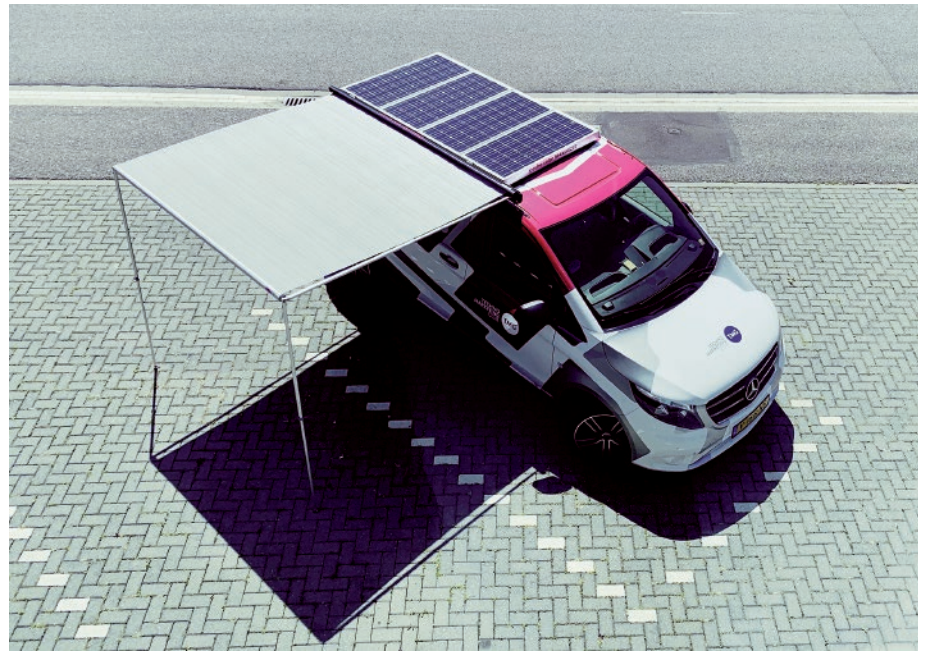
eCUBE (2nd year)	
	-outputs/+inputs
E-cube	-
Van	-
Other equipments:	-
Tire change (20€x4=80€) (6 cars/day= 480€ x 100 days)	+48.000
Other services Airco, oil, batteries etc (+50€ /car) (3 cars/day= 150€ x 100 days)	+15.000
Fuel consumption	-/+ 0
Maintenance	-500
Total	+62.500



Green Technology Solar Panel



- Optional
- 100% Green Technology
- The solar panel constantly recharges the batteries
- Easy installation



I-CUBE: Bi-Gas Air Refill



- Airco Bi-Gas (R134 - R1234)
- 2 Units in one
- Cable length: 5 m.
- Also ideal for electric cars
- No washing,
no calibration requie
- Ready to use
- Designed for use on mobile vans

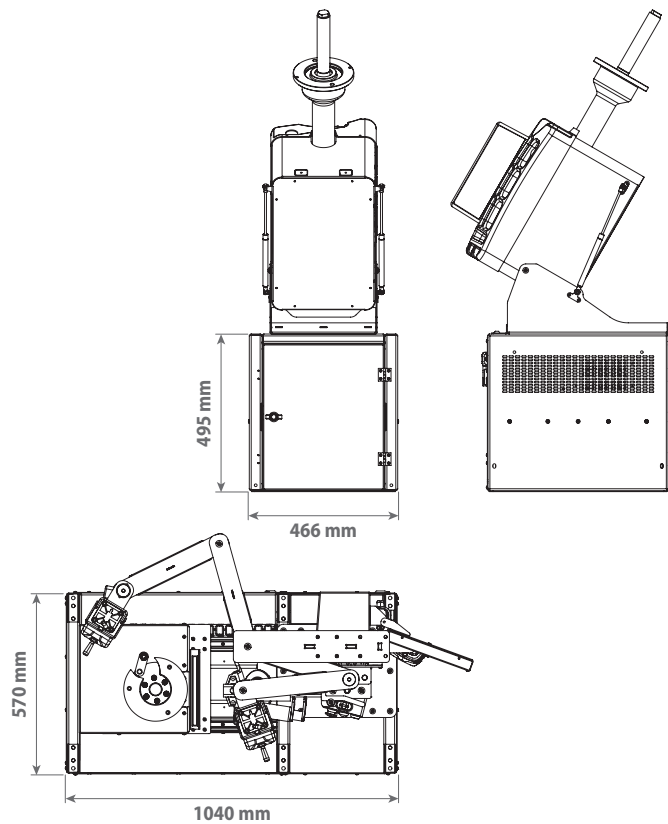
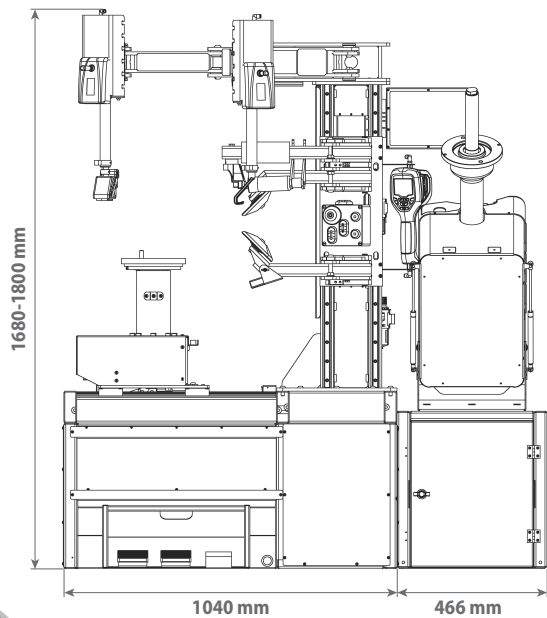
RECOVERY, RECYCLING, VACUUM AND
CHARGING SYSTEM
(BI-GAS - R134a AND R1234yf)

Caratteristiche tecniche – Technical features

Refrigerants	R134a – R1234yf
Max storage capacity	10kg (R134a) 10kg (R1234yf)
Max refrigerant charge	9 kg (R134a) 9kg (R1234yf)
Max recovery rate	0,3 kg/min (R134a) – 0,3 kg/min (R1234yf)
Power supply	230/1/50
Power input	1050 W
Storage temperature	-10 + +50 °C
Working ambient temperature	10 + +50 °C
Degree of protection	IP20
Noise level	< 70dB (A)



Only 1,10 m²



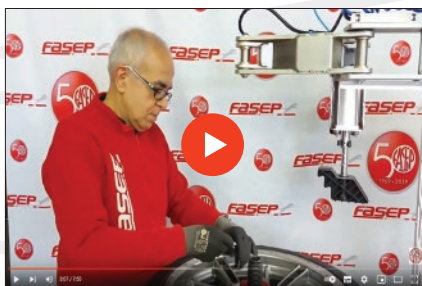
Data sheet

TYPE	STD					
	L cm	W cm	H cm	Weight Kg		
e-CUBE						
Dimensions	L cm	W cm	H cm	Weight Kg		
Generation 1.0	180	75	184	550		
G4	150	57	168-180	450		
TYRE CHANGER	Volt	Rim Diam	Rim Width	Max Wheel Diam	Max wheel weight	
	48 V	10-24"	250 mm	38"	75 kg	
HELPER ARM	Pneumatic					
INFLATING GUN	Automatic /bar pressure setting					
WHEEL BALNCER	SPIN ON	Rim Diam	Rim Width	Max Wheel Diam	Max wheel weight	
	2D Automatic	10-26"	250 mm	900 mm	75 KG	
COMPRESSORS	Volt	HP	BAR	FAD	RPM	tank
	Belt driven	48	1,5	9	250 lt/min	1200
POWER BANK	volt	Amps	Charging time			
			DC	AC		
BATTERIES Lithium	4x12 V	50 AH	3:30 h	4:30 h		
INVERTER	48->230V	1.200 watt				

TYPE	OPTIONS					
WHEEL BALNCER	Volt/Hz			Max Wheel Diam	RPM	Motor HP
POWER BANK	volt	Amps	Charging time			
			DC	AC		
BATTERIES AGM	4x12 V	60 AH	4:15 h	5:30 h		
SMART SOLAR charge controller	Watt	Amps				



Click and watch the videos



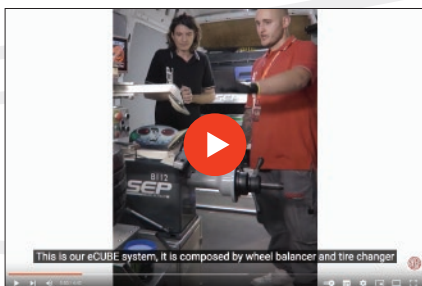
How to use FASEP
eCUBE Integrated System
for Mobile Service
[SUB ENG]



FASEP eCUBE
for Mobile Service
Revolution



Click and watch the videos



Autopromotec 2022
eCUBE



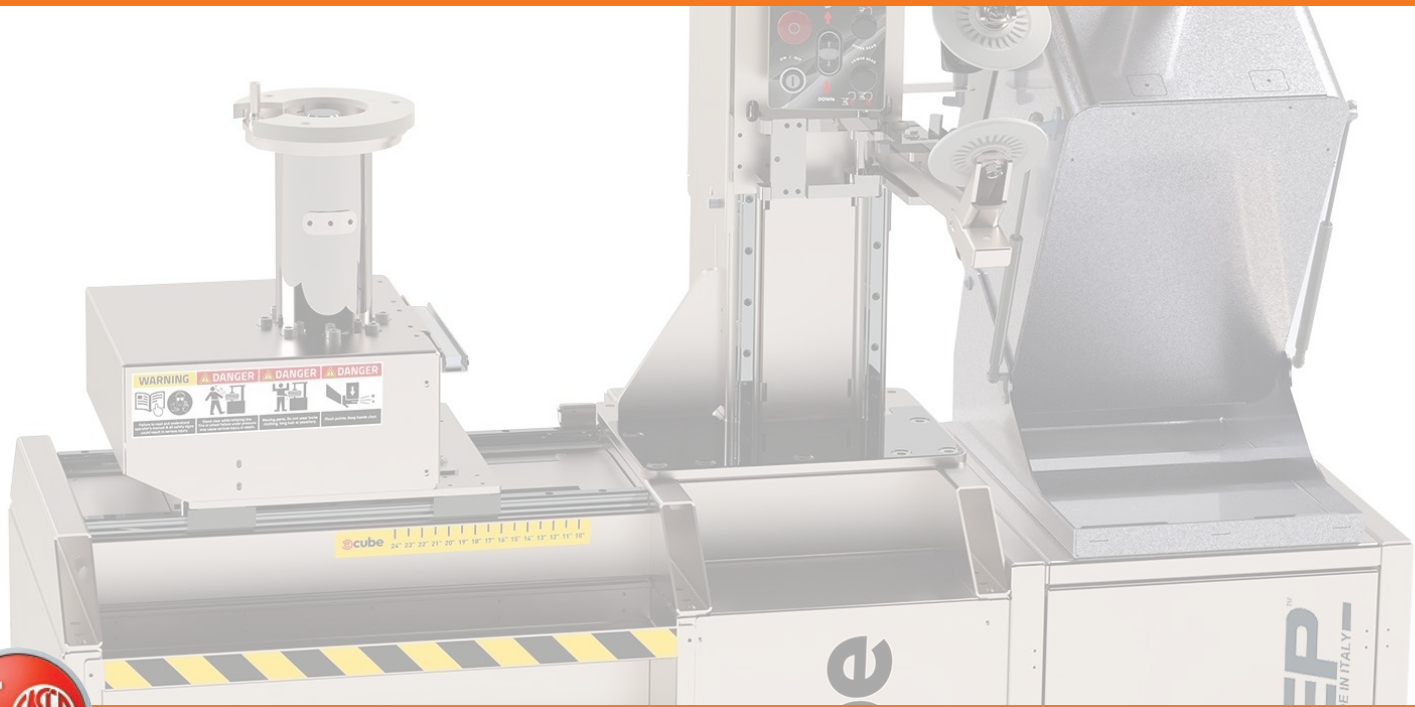
eCUBE + B112
on GoMobile Van
in USA



Thank you for your attention

Specifications, models and options subject to change without notice.





www.fasep.it



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