



Two experiences melted in a new brand.

It all started with the technical idea, then the commercial intuition made it better. On Monday 18th February 2008 at 12 a.m. Fuart was created when two strongly experienced people in the field of environmental technologies met with the dynamism of a young manager.

The meaning of the word “fuart” is strong and bold. The main ideas around which Fuart project has developed are small dimension and big capacity together with a great customer service and care. With its products, Fuart fills a niche in the international market of multifunctional vehicles. Only from a long technical experience, a deep knowledge of the market and a new management approach the new brand Fuart could have developed. Seeking perfection is the main value of the company. It is expressed in constant innovation, rigor and quality improvement, which means versatility and strength. The logo Fuart is the synthesis of its values: three circles are the symbol of perfection and continuity from experience to innovation. Blue is the color chosen to portray the Italian style.

Mission: Through our enthusiasm, teamwork and values, we aim to offer the widest range of high versatility multifunctional vehicles in order to meet the requirements of whoever may need them worldwide: our vehicles will give optimal results in narrow streets in city centers, on the mountains or in uncomfortable environments. We want to exceed customers’ expectations by providing the most reliable and efficient solutions for their unfulfilled requirements.

Values: Seeking perfection is the main value of the company. It is expressed in constant innovation, accuracy and quality improvement, which means versatility and strength. We are Italian in our love for beauty, care of details and flexibility. We are devoted to working and to constructing quality products that will last over time. We wish to improve our customers’ and partners’ quality of life, and are driven by our passion for everything we do.

Vision: We seek to set a European benchmark for high capacity multifunctional vehicles, as an innovative company developing the most adaptable products, and as a result, to become the leader of the premium market segment.

A lean and efficient organization: Thanks to our lean and efficient organization, we are able to guarantee fast replies, definite deadlines and keep our production process under control. Fuart is a young company and it produces multifunctional vehicles. Fuart means strong since its founders and workers are strongly willing as the vehicle itself. For sure, Fuart is a vehicle for special tasks and it meets the requirements of a niche in the market. At the moment Fuart is the only truck 1800 mm large that enables 10 or 12 tons Gross Vehicle Weight.

With the motto “**Smallest dimension, highest capacity**” Fuart is the ideal vehicle for whoever worldwide works in narrow places such as city centres, on the mountains or in uncomfortable environments.

Sewer cleaners, tanks, vacuum systems, cranes, construction equipments, refuse collectors are the most common applications of Fuart. It is almost unique and it differs for breaking geometries, old-fashion and innovative details. All together they create a game of simplicity and elegance which does not hide its Italian origins. Fuart is a tribute to the “made in Italy” and a way of asserting that the Italian style is more vibrant than ever and ready to give new life to an area where everything seemed to be established by multinational giants.

Index

Fuart	4-7
Three-way Tipper	8
Tipper and Crane	9
Waste Collector C10	10
Automated Side Loader	11
Sewer Cleaner	12
Cappellotto Sewer Cleaner	13
Rear Tipping Ro-Ro	14
Rear Tipping Skips	15
Rotating Ro-Ro Arm	16
Fuart 10 and Tecnogas	18
Fuel Tank	19
Concrete pump	20
Fuart with Concrete Pump	22
Concrete Mixer	23
Fire Pump	25
Road Sweeper	26
Fuart 10	28
Fuart 12	30





1,80 m

NIMBLE.

Built to go through everywhere

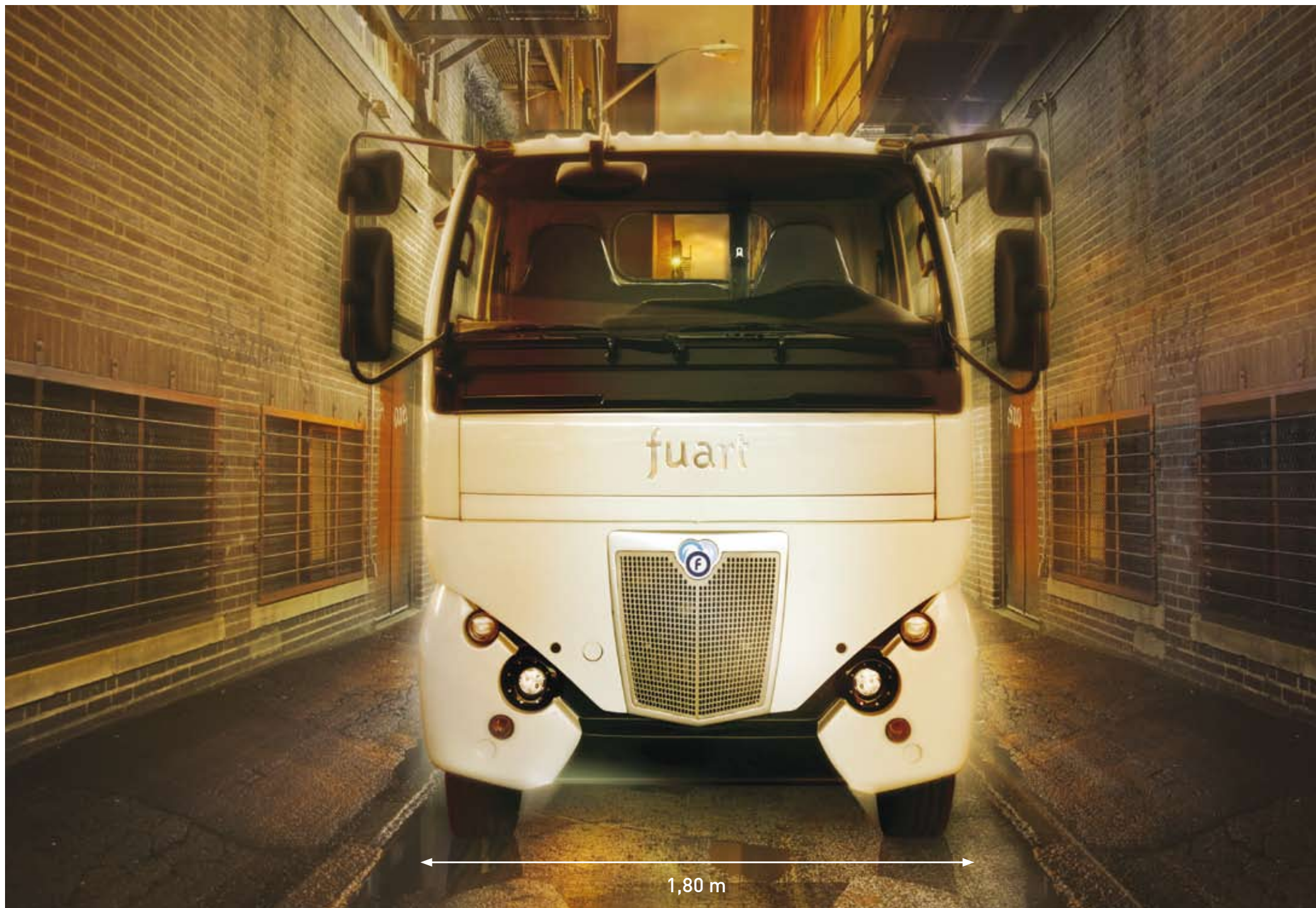
Its 1800 mm width makes it ideal to work in city centres, on the mountains or in uncomfortable environments. Only 10,5 mt of outside steering diameter together with small dimensions make Fuart nimble. A serial differential locking lets it face the most difficult grounds. The centre of gravity at 56cm from the ground permits maximum roadworthiness even with heavy and complex equipments.





fuart
MAKES THE ROAD EASY





RELIABLE.

Mercedes177 and 220 horse power: thanks to its Euro 5 low emission engine Fuart goes even if streets are closed to traffic for high pollution. The 6-speed gearbox guarantees the right gear while working.

The tilting cab allows easy maintenance. The chassis has been designed to be long lasting in high yielding special steels with anticorrosion treatment of cataphoresis painting. Axles and leaves have been reinforced to resist the most extreme uses. The braking system with ABS ensures high standards of safety even with heavy loads.

NIMBLE.

CBuilt to go through everywhere. Folding mirrors keep the smallest dimensions. Its brand new poli-elipsoid lights allow the best nighttime visibility.

INNOVATIVE.

Unique Italian style. Breaking geometries, old-fashion and innovative details in a match of Italian simplicity and elegance.



Fuart 10

FUART 10.
1800 mm x 10 tons.

Fuart 12

FUART 12.
1850 mm x 12 tons.



TIPPER

Three-way Tipper

- GVW Fuat 10: 10 ton - Fuat 12: 12 ton.
- Max body width Fuat 10: 1.800 mm
Fuat 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both Fuat 10 and Fuat 12.
- Differential locking, ABS, exhaust brake.

THREE-WAY TIPPER

- Maximum length up to 4.600 mm
- 400 - 1.000 mm thick aluminum sideboards
- 5,7 ton to 7,6 ton remaining payload.
- Removable rear ladder racks
- Removable front ladder racks
- 40/10 mm sheet metal flatbed
- Tensioner hooks
- Sandblasted and painted with oven body





CRANE

Tipper and Crane

- GVW Fuat 10: 10 ton - Fuat 12: 12 ton.
- Max body width Fuat 10: 1.800 mm
Fuat 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuat 10 and Fuat 12.
- Differential locking, ABS, exhaust brake.





Waste Collector C10

- GWV Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



WASTE COLLECTOR C 10

- 10 m3 Body capacity
- 4.500 kg Payload
- Hydraulic system
- Automatic waste compaction mechanism
- 150 atm Pressure
- Bulkhead removal from the container

- 700 kg lifting capacity
- Compaction ratio 4 : 1
- Time for a cycle of compaction 18"
- Discharge time of the full container 60"
- Speed of the waste swallowing 9"/mc
- Front overhang of the vehicle 1.290 mm
- Rear overhang of the vehicle 1.500 mm



Fast.

It collects from 140 to 160 bins every 6 hour turns. The 4,5/5 tons payload allows to load the same amount of waste at one time on a waste collector that other vehicles load in three times.

Clean.

The operator does not have any contact with the waste. An articulated arm driven by a remote control located in the cab grabs the bin. The sealed container collects even very wet food waste without any problem during transfers.

Safe.

The operator does not have to get out from the truck.
He can work productively, safely even on the highest uphill and without stress with the worst weather conditions.



Automated Side Loader

- GWV Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.

Scalvenzi "Take Away" automated side loader collects DIN bins containing from 120 to 360 litres fast, clean and safely from either the right side or the left side of the road.

Sewer Cleaner.

- GVW Fuart 12: 12 ton.
- Max body width Fuart 12: 1.850 mm
- Wheelbase 3.000 mm on both Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



SEWER CLEANER

- 5000 litres stainless steel AISI 304 tank
- 2000 litres stainless steel Aisi 304 side water tanks
- 14,400 l/min suction pump with 95% vacuum
- 100 l/min high pressure water pump at 200 bar
- stainless steel side reel-holder with 40 m rubber hose 3/4"
- stainless steel side reel-holder with 60m rubber hose 1/2"
- tank flushing
- control panel with IP65 protection
- remote control
- stainless steel hose-holder containers
- rotating light and working light

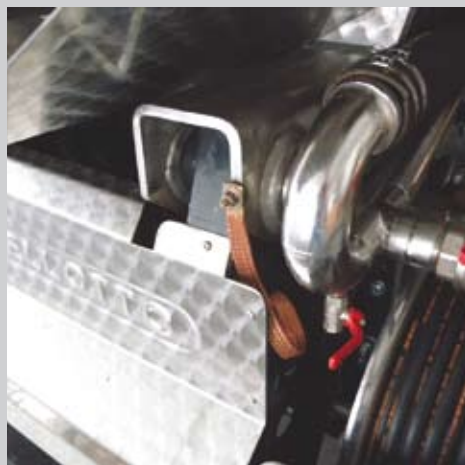


SEWER CLEANER

Cappellotto Sewer Cleaner

Truck: Fuart 10

- GVW: 10 tons
- Equipment: Cappellotto
- Type of equipment: Combination
Sewer Cleaner
- sludge compartment capacity:
3,900 litres stainless steel tank



- water compartment capacity: 1.300 litres side
stainless steel tanks
- Vacuum pump: 14,420 l/min Battioni Pagani Star 84
- High pressure pump: 104 l/min - 200bar Uraca Pumps 3.10
- PTO: Full vertical
- Transmission: mechanical clutch
- Auxiliary reel: right hand side with 60 meters 1/2"
- 2nd auxiliary reel: left hand side hydraulic with automatic
jetting and 40 m hose 3/4"
- Tank: tipping stainless steel AISI 304
- Closing down: automatic
- Accessories: remote control - toolbox - clamp

RO-RO

Rear Tipping Ro-Ro

- GVW Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



SKIPS

Rear Tipping Skips

- GVW Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



REAR TIPPING SKIPS

Closed Arm Extended Arm

- Lifting capacity from the ground
8,000 kg 5,000 kg
- Lifting capacity at -500 mm from
the ground 6,000 kg 3,500 kg
- 260 bar maximum operating
pressure
- 60 l/min recommended pump
capacity
- 1,800 kg tara (depending on the size
and type of the flatbed)

ROTATING RO-RO ARM

Rotating Ro-Ro Arm.

FUART 10 AND 12

SMALLEST DIMENSION, HIGHEST CAPACITY

Fuart are the only 1790 mm wide trucks that enable 10 or 12 tons Gross Vehicle Weight. They are the answer to the requirements of whoever works in narrow places and needs high capacities. Construction equipments, cranes, vacuum systems, refuse collectors, sewer cleaners, tanks are the most common applications of Fuart.



- GVW Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.

ROTATING RO-RO ARM THE ADVANTAGE TO LOAD ANYWHERE.

Even in the most inaccessible areas, it permits to grab and load the container from the right, the left or the rear side in any point along a 180° rotating ray. Mounted on a Fuart truck, the ro-ro arm can carry up to 6 tons.

- Rear or side unloading system with a rotation of 180°.
- 6 tons capacity of the equipped truck.
- up to 1.700 mm width of the loading equipments, capacity 5 mc.

- weight of the equipment: 2.300 kg
- up to 1.000 mm telescopic system.
- Hydraulic stabilizer.
- Blocking cylinder for dumping system.
- Independent and synchronized loading cylinders.
- Manual distributor for stabilizers control.
- Manual distributor for arm control (remote control on demand).





LIQUIDS AND GAS CARRYING **Fuart 10 and Tecnogas.**

Let the LPG go. Streets, courtyards and porches are not a problem any longer. Fuart-Tecnogas passes also in the less accessible places and with the maximum weight: 10 tons at full load.

TECNOGAS IS A SAFETY AND INNOVATION LEADER

Over 30 years of experience in the field of LPG. Tecnogas produce tanks (ADR-TPED Class 2) to carry and spread LPG by means of a rear or side transfer system. "Jolly Tecnogas" is a pumping and metering system designed and built according to the most stringent safety standards to ensure optimal use of LPG. Its unique design ensures a constant discharge.

SPECIFICATIONS.

- 6400 litres payload tank.
- Built according to the ADR-TPED.
- Tank fixed on the front frame with anti-vibration pads.
- Fiberglass box.
- Resin tailgate with rubber sealing.
- Litre meter on skids for easy installation and removal.
- Steel flexible pipes connect the system to the tank.
- Emergency pneumatic connection to the storage.
- Left side dry air with emergency buttons and control valves.
- Explosion proof LED lamp inside the box.
- Hose reel with easy release device.
- Ground connection pliers with pneumatic emergency button.
- Standard mechanical litre meter (electronic on request).

FUEL TANK

Fuel Tank

- GVW Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



ROLL OFF

Concrete Pump

- GVW Fuart 10: 10 ton - Fuart 12: 12 ton.
- Max body width Fuart 10: 1.800 mm
Fuart 12: 1.850 mm
- Wheelbase 2.600 - 3.000 mm on both
Fuart 10 and Fuart 12.
- Differential locking, ABS, exhaust brake.



Smallest dimension, highest capacity

4.470 mm Minimum Height First Section
7.200 mm Vehicle Length
1.850 mm Vehicle Width
3.450 mm Max Height with folded pump
19.800 mm Vertical Reach
16.600 mm Horizontal Reach
3.400 mm Wheelbase

Angle of rotation
Articulation A: 100°
Articulation: 180°
Articulation C: 265°
Articulation D: 240°

1850 mm Width 7200 mm Length 3450 mm Height

Fuart with Concrete pump. Vehicle Features:

Dimensions: 1.850 x 7.200 x 3.450 mm
Mercedes Euro 5 Engine OM 924 LA Kw 160 (hp218)
12 tons GVW

Equipment Features:

Sections - 4 elements in ZR with rods, pins, bushings, cylinders with overcenter valves, hydraulic control valves, pipes and joints, terminal hose, roller bearing and adapter.

19.800 mm Maximum Vertical reach

16.600 mm Maximum Horizontal reach

Angles of Rotation: Articulation A: 100°; Articulation B: 180°; Articulation C: 265°; Articulation D: 240°
Pipeline with 100 mm Diameter

Base - Stabilizers with feet and hydraulic cylinders, hydraulic control valves, 350 litre oil tank and 350 litre water tank, crankcase, aluminium sides, tool box, plates and stabilizers. Not wider than 1.850

mm with folded stabilizers.

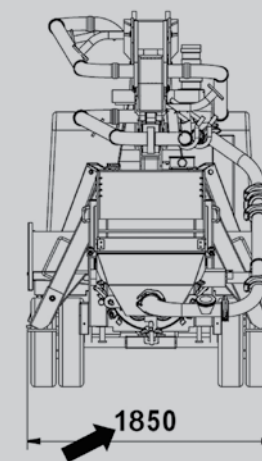
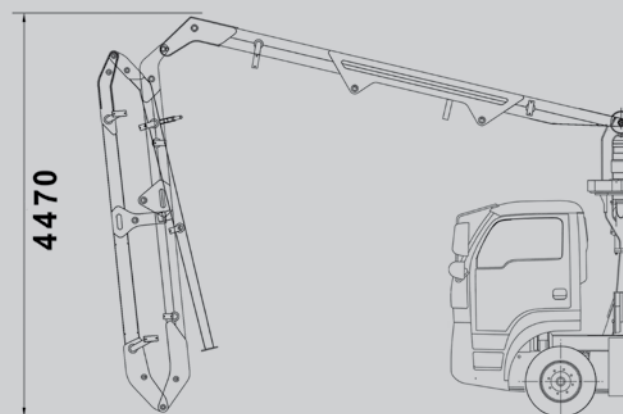
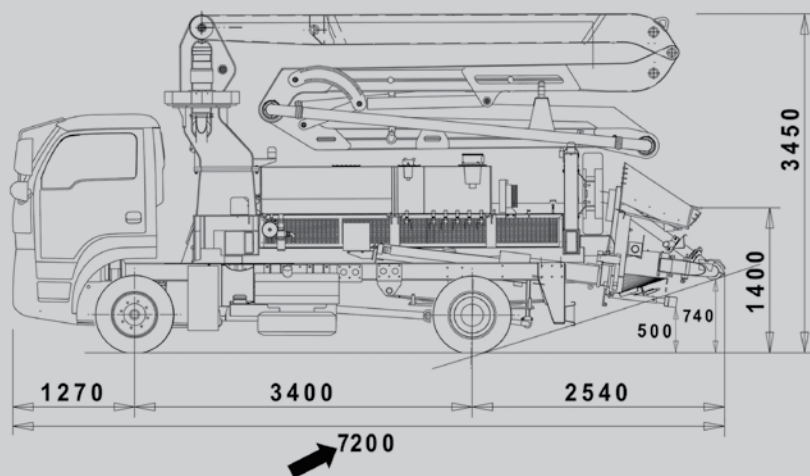
Hydraulic Parts - Hydraulic pumps for sections, feet and concrete pump handling, gear coupling, heat exchanger, pumps and filters control valves.

Pump - Yuken concrete pump with 45 mc/h control valve and S-valve. Mixer working even when the vehicle is on. Maximum pressure of the output concrete 70 bar.

High Pressure water jet machine - 110 bar High-pressure water jet machine with support and hydraulic engine.

Electrical System - Main Electrical box, radio control, micro, switch on/off and emergency buttons.

Underrun protection bar - All concrete pumps have a retractable underrun protection bar as standard equipment that allows to work with maximum flexibility in any work conditions.





Fuart with Concrete Pump.

Vehicle Features:

Dimensions mm 1.850x7.200x3.450

Mercedes Euro 5 OM 924 LA Kw 160 (hp218)

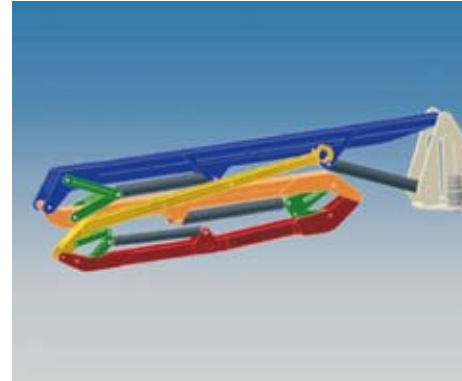
12 tons GVW

Equipment Features:

Sections - 4 elements in ZR with rods, pins, bushings, cylinders with overcenter valves, hydraulic control valves, pipes and joints, terminal hose, roller bearing and adapter. 19.800 mm Maximum Vertical reach Angles of Rotation: Articulation A: 100°; Articulation B: 180°; Articulation C: 265°; Articulation D: 240° Pipeline with 100 mm Diameter

Base - Cstabilizers with feet and hydraulic cylinders, hydraulic control valves, 350 litre oil tank and 350 litre water tank, crankcase, aluminium sides, tool box, plates and stabilizers. Not wider than 1.850 mm with folded stabilizers.

Hydraulic Parts - Hydraulic pumps for sections, feet and concrete pump handling, gear coupling, heat exchanger, pumps and filterscontrol valves.



Pump - Yuken concrete pump with 45 mc/h control valve and-Pump S-valve. Mixer working even when the vehicle is on. Maximum pressure of the output concrete 70 bar.

Electrical System - Main Electrical box, radio control, micro, switch on/off and emergency buttons.

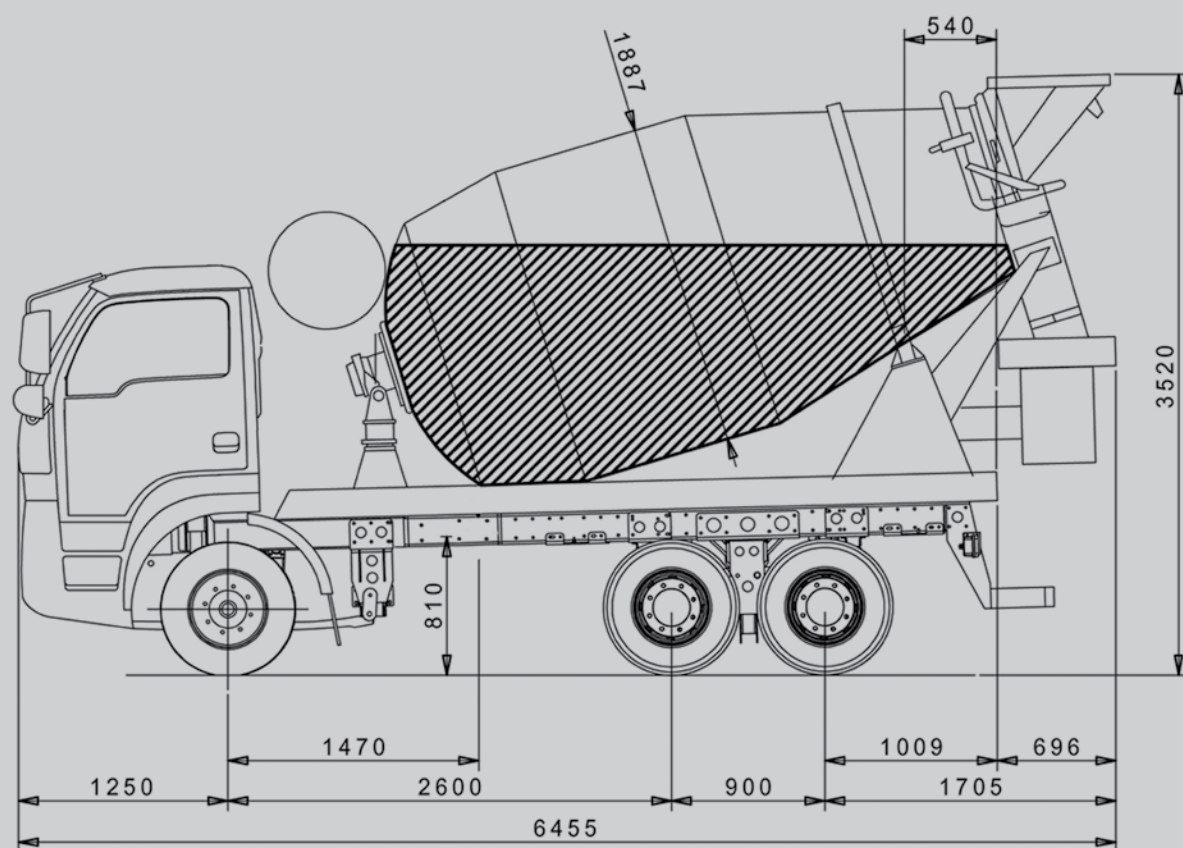
High Pressure water jet machine - 110 bar High-pressure water jet machine with support and hydraulic engine.

Underrun protection bar - All concrete pumps have a retractable underrun protection bar as standard equipment that allows to work with maximum flexibility in any work conditions.

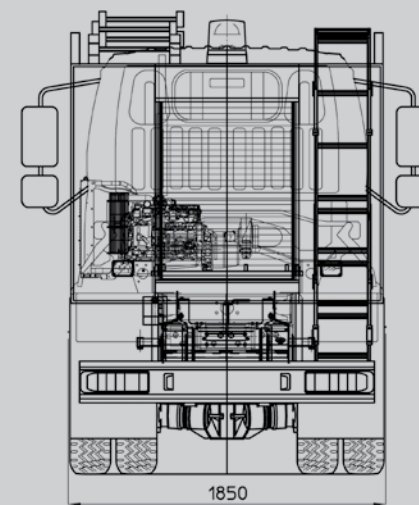
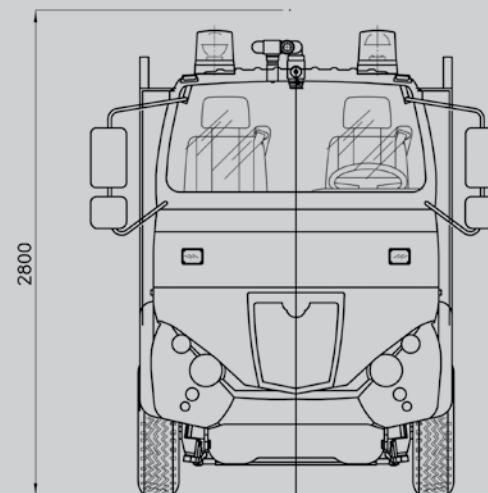
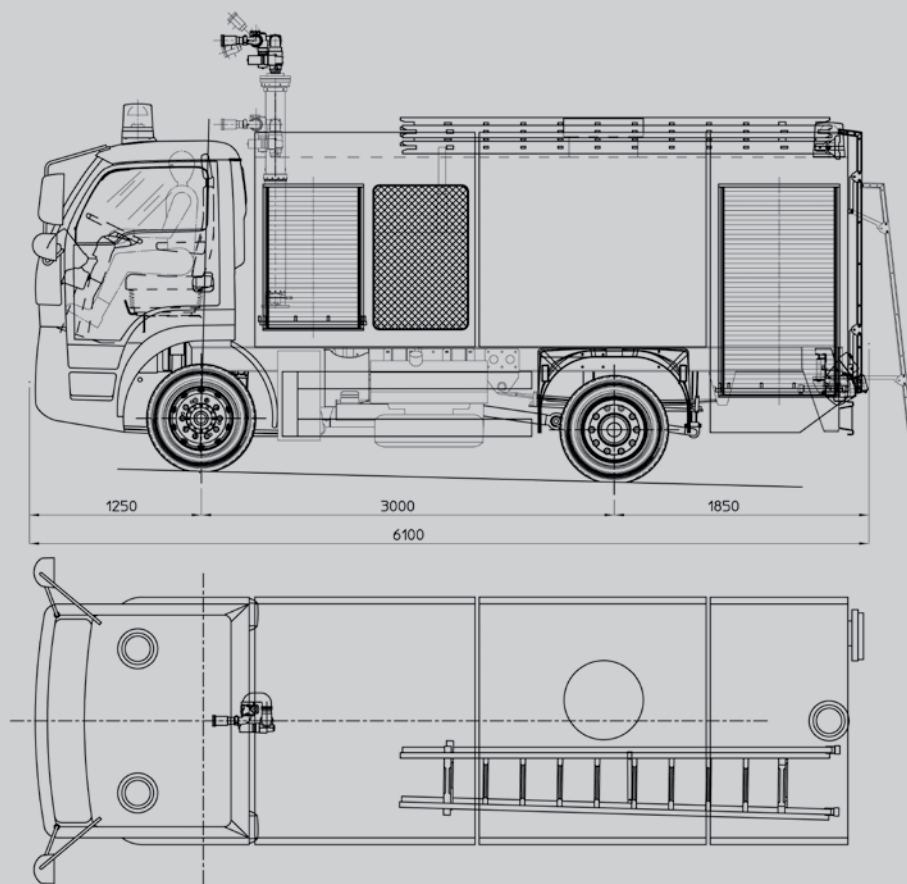


Concrete Mixer

P.T.T. 20,0 ton - 5,0 Mc



Fire Pump

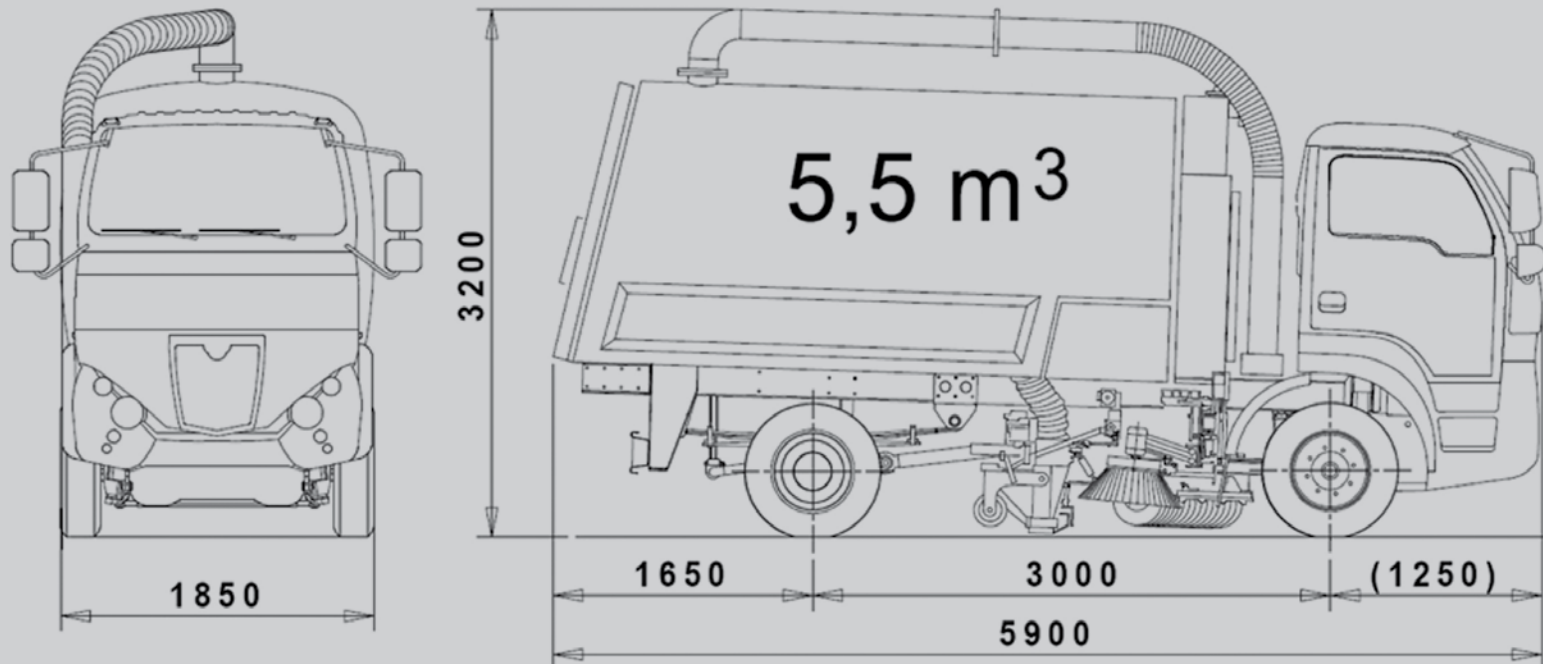




Road Sweeper

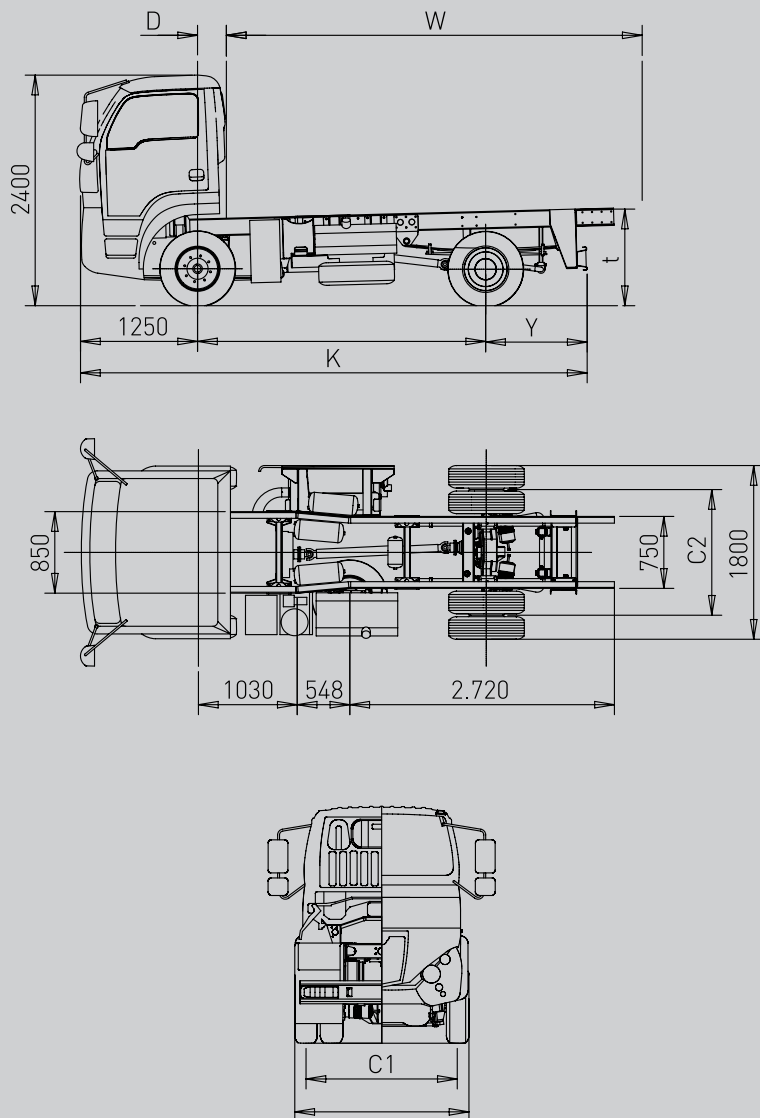
ROAD SWEEPER

Container capacity	5,5 Mc
Discharge system	To tipping
Suction intakes	2
Diameter of extraction socket	250 mm
Water tank capacity	1.000 lt
Power auxiliary engine	70 Kw
Rotation speed of the vacuum cleaner min - max	2.400 / 3.500 rpm
Proboscis	Optional





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Fuart 10

It is the only 1800 mm wide truck that enables 10 tons Gross Vehicle Weight.

Fuart 10 is the answer to the requirements of whoever works in narrow places and needs high capacities. Construction equipments, cranes, vacuum systems, refuse collectors, sewer cleaners, tanks are the most common applications of Fuart.

MOTORE	Mercedes OM 904 LA	Mercedes OM 924 LA
Cycle	Diesel	Diesel
N° of cylinders	4	4
Total displacement	4.250 cc	4.800 cc
Boring and stroke	102 x 130 mm	106 x 136 mm
Fuel injection	High Pressure electronic	
Common rail injection	Turbocharger, with wastgate and Intercooler (air to air)	
Cooling System	liquid	
Maximum power	130 kW /177 CV a 2.200 rpm	160 kW /217 CV a 2.200 rpm
Maximum torque (CEE)	675 Nm da 1.200 a 1.600 rpm	810 Nm da 1.200 a 1.600 rpm
Emissions in accordance with	Euro 5	

Available colors:



101
white



102
blue



103
red



104
green



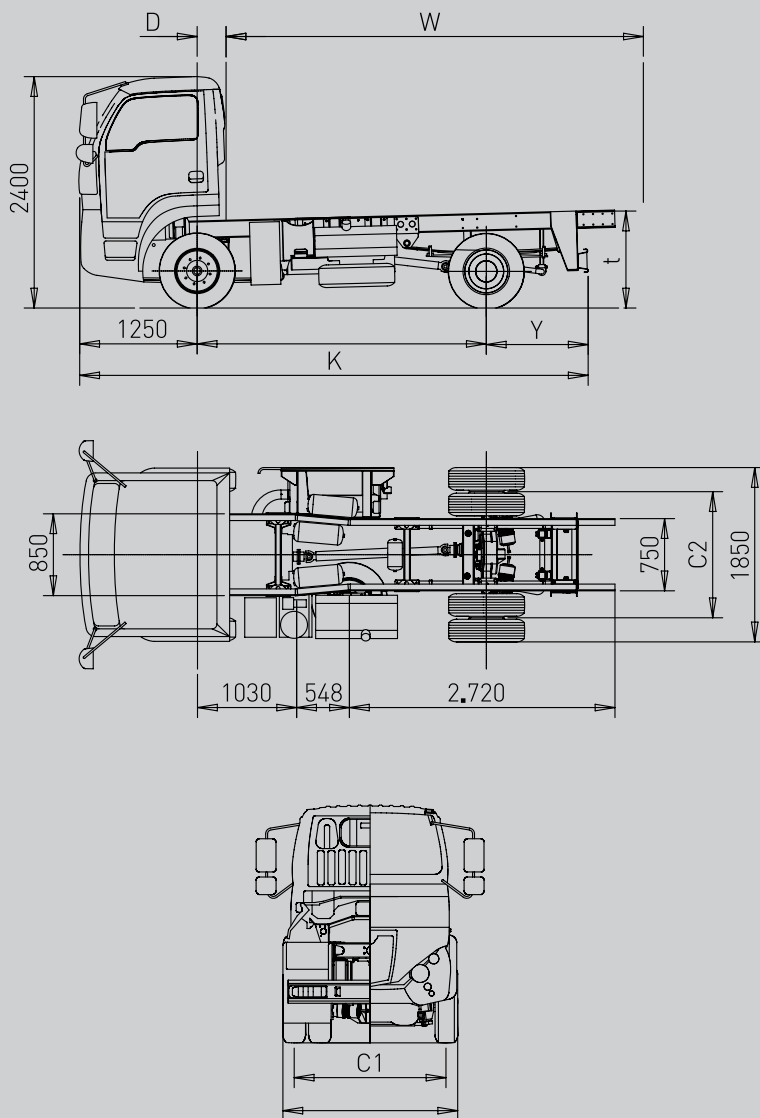
105
yellow



106
orange

DIMENSIONI		passo 2.600 mm	passo 3.000 mm
K	Overall length	4.930/5.730 mm	5.330/5.730 mm
	Outside steering diameter	11.250 mm	14.500 mm
Y	Rear overhang	1.050/1.850 mm	1.050/1.450 mm
W	Maximum body length	4.200 mm	4.600 mm
D	Distance steer axle - front of body	300 mm	300 mm
C1	Front track	1.575 mm	1.575 mm
C2	Rear track	1.300 mm	1.300 mm
t	Ground to top of frame (unladen)	1.030 mm	1.030 mm

WEIGHTS	2.600 mm wheelbase	3.000 mm wheelbase
Gross vehicle weight (GVW)	10.000 kg	10.000 kg
Gross front axle weight	3.700 kg	3.700 kg
Gross rear axle weight	7.000 kg	7.000 kg
Towable mass	8.000 kg	8.000 kg
Vehicle Unladen weight (chassis cab only)	3.600 kg	3.650 kg
Front axle weight unladen	2.400 kg	2.400 kg
Rear axle weight unladen	1.200 kg	1.200 kg
Centre of gravity (from the ground)	790 mm	790 mm
Distance centre of gravity - steer axle	866 mm	1.027 mm
Fuel tank capacity	100 l	100 l
AdBlue tank capacity	8 l	8 l



Fuart 12

It is the only 1800 mm wide truck that enables 12 tons Gross Vehicle Weight.

Fuart 10 is the answer to the requirements of whoever works in narrow places and needs high capacities. Construction equipments, cranes, vacuum systems, refuse collectors, sewer cleaners, tanks are the most common applications of Fuart.

ENGINE	Mercedes OM 904 LA	Mercedes OM 924 LA
Cycle	Diesel	Diesel
N° of cylinders	4	4
Total displacement	4.250 cc	4.800 cc
Boring and stroke	102 x 130 mm	106 x 136 mm
Fuel injection	High Pressure electronic	
Common rail injection	Turbocharger, with wastgate and Intercooler (air to air)	
Cooling System	liquid	
Maximum power	130 kW /177 CV a 2.200 rpm	160 kW /217 CV a 2.200 rpm
Maximum torque (CEE)	675 Nm da 1.200 a 1.600 rpm	810 Nm da 1.200 a 1.600 rpm
Emissions in accordance with	Euro 5	

Available colors:



101
white



102
blue



103
red



104
green



105
yellow



106
orangez

DIMENSIONS		2.600 mm wheelbase	3.000 mm wheelbase
K	Overall length	4.930/5.730 mm	5.330/5.730 mm
	Outside steering diameter	11.250 mm	14.500 mm
Y	Rear overhang	1.050/1.850 mm	1.050/1.450 mm
W	Maximum body lenght	4.200 mm	4.600 mm
D	Distance steer axle - front of body	300 mm	300 mm
C1	Front track	1.600 mm	1.600 mm
C2	Rear track	1.325 mm	1.325 mm
t	Ground to top of frame (unladen)	1.050 mm	1.050 mm

WEIGHTS		2.600 mm wheelbase	3.000 mm wheelbase
Gross vehicle weight (GVW)		12.000 kg	12.000 kg
Gross front axle weight		4.400 kg	4.400 kg
Gross rear axle weight		8.400 kg	8.400 kg
Towable mass		9.500 kg	9.500 kg
Vehicle Unladen weight (chassis cab only)		3.940 kg	3.940 kg
Front axle weight unladen		2.540 kg	2.540 kg
Rear axle weight unladen		1.400 mm	1.420 mm
Centre of gravity (from the ground)		790 mm	790 mm
Distance centre of gravity - steer axle		925 mm	1.075 mm
Fuel tank capacity		100 l	100 l
AdBlue tank capacity		8 l	8 l



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