



SANCAKLI FIRE TRUCKS AND SPECIAL AIMED VEHICLES



Our Company was founded in 1993 to manufacture equipment such as fire truck, garbage compactor truck, water tanker, vacuum & jetting trucks and lifting platforms and many other heavy equipments for municipalities, public and private sector. In our facility of 5.000 m², 1.500 m² of which is open, we have the capacity to manufacture on vehicle equipment.

In line with the increasing demands, we are taking quick steps to expand our market and to brand in our current markets.

Our Company has served to Turkish Armed Forces, Province Municipalities, Town Municipalities and hundreds of public and private organizations by means of building vehicles. Vehicles have been exported to countries, Saudi Arabia, UAE, Qatar, Syria, Iraq, Nigeria, Kenya, Morocco, Sudan, Pakistan, Indonesia, Vietnam, Azerbaijan, Macedonia and Kosovo as well.

Our company manufactures its products for export with ISO9001 and CE certificate conforming to EU laws. Our Company, which ranks differently due to its post-sale services, displays its difference by means of procuring 24-hour on-site service with its mobile service team.

Our fundamental principle is to provide products and services in conformity with accepted standards for this aspect, pursue employee health and safety, increase the competence of our human resources with training activities and procure constant development and improvement of our quality management system in order to make complete, timely and quality production by following the technologies that change constantly. SANCAKLI brand is the place that meets trust and stability.

27.
YEARS



SANCAKLI FIRE TRUCKS AND SPECIAL AIMED VEHICLES

GARBAGE COMPACTOR TRUCK



BODY VOLUME	5m ³ - 26m ³
BODY IRON - PLATE THICKNESS	Floor 4-5mm, Sides 3-4 mm, Ceiling 3-4mm
HYDRAULIC CYLINDER	9-13 Units
REFUSE COLLECTING HOPPER	0,5 m ³ - 2,0 m ³
TOTALWEIGHT	Depends on the vehicle.
BODY WEIGHT	1700 Kg - 7200 Kg
CHASSIS WEIGHT	Depends on the vehicle.



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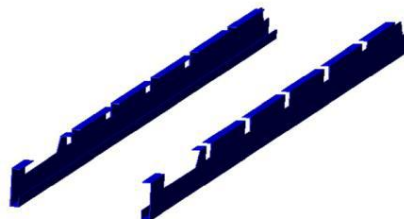
GENERAL

DESIGN	The design construction and mounting of the body meet the Health and Safety Regulations with regard to its use and operation.
QUALITY CERTIFICATE & CAPABILITY	Currently registered with relevant registration standards for construction & welding, and is to be able to proof production and sales in case it's necessary.
INSTALLATION	The superstructure's assembly shall be realized according to the trucks superstructure installation directives. The superstructure shall be mounted with rigid connection at rear, and flexible connection in front to provide the required elasticity.



BODY

DIMENSIONS	Can only be given according to truck chassis dimensions.
TRAVERSES (BRACES)	All reinforcements of body, shall be in the form "U" shaped braces and full-seam welded on the body sheets, of thickness ST-52/5.0 mm.
SUBFRAME	"U" shape - ST-52
MUDGUARDS	Will be plastic mudguards.





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TAILGATE

COLLECTING &
COMPACTING

The loose garbage inside the hopper is taken into to the body via a sweeper shovel being actuated by two double-acting hydraulic cylinders, and then after being pushed into the body by two double-acting sledge cylinders.





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COMPACTION RATIO	The compaction ratio (volumetric) varies between 3:1 to 6:1 according to the characteristic of the garbage.
LIFTING	The tailgate raise is achieved by two double acting hydraulic cylinders, which must be equipped with safety devices to prevent the tailgate from falling abruptly in the event of hydraulic failure or hose burst.





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HOPPER	Hopper (tailgate) Floor 5-6 mm, (Hardox 400 optional) Hopper Sides under the rail ST-52 / 3-4 mm, (Hardox 400 optional) Hopper Sides above the rail ST-52 / 3-4 mm, (Hardox 400 optional) Hopper extension into body ST-52 / 6 mm, (Hardox 400 optional)
SLIDING RAILS	There used 50x20mm and 30x50mm steel profiles to guide compacting system. The compacting panel slides up and down over these rails thanks to a set of Kestamide wear blocks in four points.
LOCKING	Hydraulic locking by means of reverse action of two hydraulic tailgate lifting cylinders, which also prevents the leakage of the wastewater when the truck bounces due to road conditions.
CONTAINER LIFTING DEVICES	There will be lifting device; * Suitable to lift 1,100 lt. (1,1 m ³) containers.(Standard lifting system) ** Suitable to lift from 120 lt. plastic bins to 1,100 lt. (1.1 m ³) metal containers. (Optional lifting system)



LOADING HEIGHT (mm)	The loading height is 1100-1300 mm around, and the design lets the manual loading from hand-held containers.
SAFETY PROPS	The tailgate is provided with safety props between the body and tailgate for safety purposes during maintenance or cleaning.
EJECTOR PANEL	There shall be a totally automatic hydraulic system to allow the panel to advance forward as garbage is packed against it.



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RAIL	The ejector panel shall move on an U profile, centered by means of friction resist polyamide bases. The ejector panel shall slide forward and rear over these rails thanks to a set of Polyamide wear plates.
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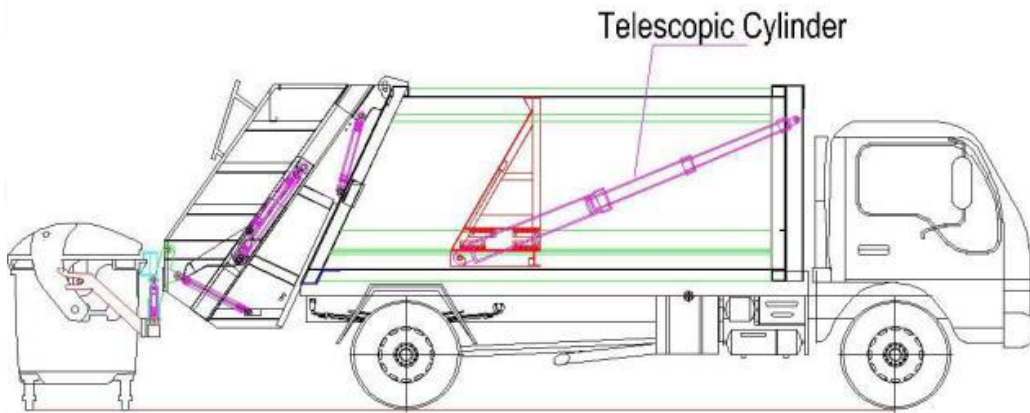


SEWAGE TANK	Sewage tank 70 lt.-120 lt. (depending on the volume of the garbage body) under the body is made by means of body floor plate
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OPERATION	<ul style="list-style-type: none">- By means of double acting hydraulic cylinders.- The operation is to be capable of continuous cycle or single cycle.- A main switch with warning light inside the cabin.- System can be operated electrically (automatically).- The system is controlled from the control box, which enables, start, stop, 1- cycle, continuous cycles, driver buzzer and emergency button.
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CONTROL	<ul style="list-style-type: none">- Tailgate and ejector controls are in front of the body.- All devices for loading control are mounted on tailgate right side, and all are manual control for safety purposes.- Compaction is controlled electrically via push buttons and manually in case.
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HYDRAULIC SYSTEM

P.T.O.	Original PTO that is Controlled inside the cab, will be supplied by customer in accordance with truck.
WORKING PRESSURE (bar)	170 bar
OIL TANK	70 lt.-125 lt. oil tank equipped with breather and gauge.
FRONT DISTRIBUTOR	Operates the ejector panel and tailgate, mounted on front wall and on left/right side.
CONTAINER VALVE	Operates the container lifting device manually.
COMPACTION VALFE	This is arranging the order of the sweeping and sledge cylinders



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HYDRAULIC CYLINDERS	<ul style="list-style-type: none">- All the hydraulic cylinders are double-acting cylinders.- The pipes on hydraulic cylinders are made of honed drawn steel pipe according to DIN 2391 C Norms, and cylinder miles are grinded and chrome coated against corrosion.- The dimensions of cylinders are designed to accomplish the required cycle times and compaction ratio.
HYDRAULIC PUMP	PTO driven hydraulic gear pump 30 – 80 – 120 cm ³ / max.1500 rpm.
HYDRAULIC HOSES	<ul style="list-style-type: none">- All high pressure hydraulic oil hoses have a burst rating 3-4 times more than the specific system working pressure (SAE 100R2)- The hoses in motion and has risk of friction or contact, are covered and protected
PAINTING	All steel parts surfaces free of rust and oil residue will be applied with two primers, and one final paint coating in color of demand. Minimum dry film thickness of the paint is 60 microns.

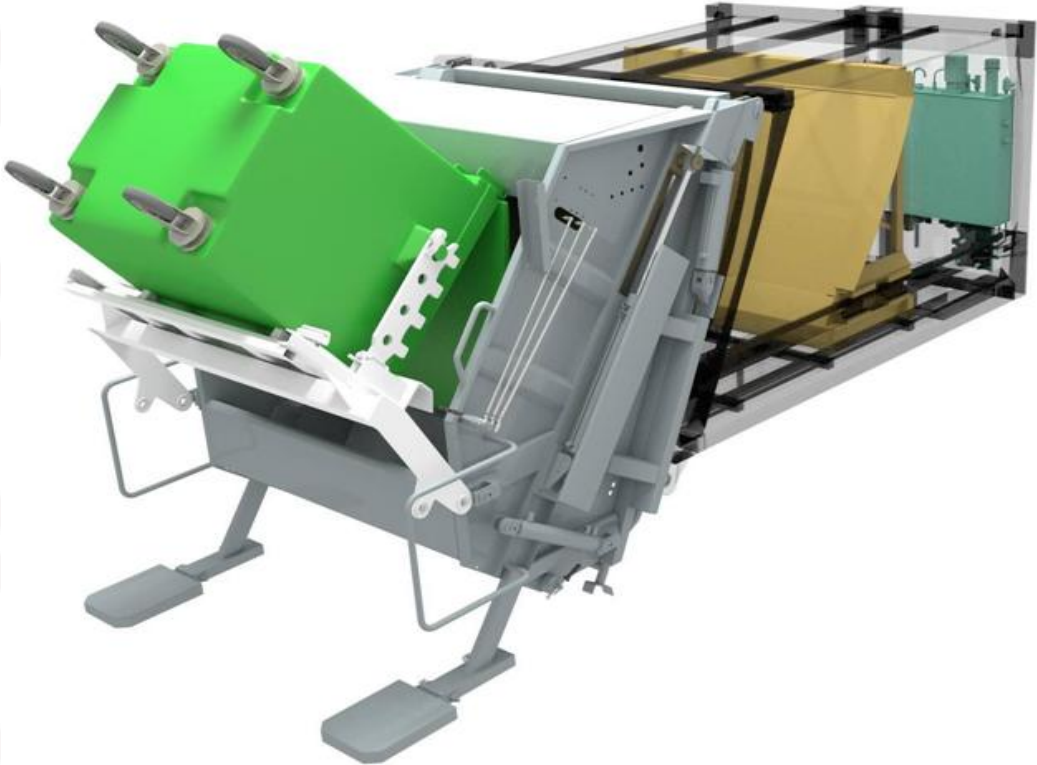




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GENERAL

- Two steel mudguards with rubber flaps at rear ends.
- 1 rotating beacons (gyro fare) light at the tailgate.
- 2 illumination lights on top of the hopper
- Two foldable type rear foot boards for crew to stand on
- One elliptical handle at each side ¾" pipe handle for the crews to grasp
- The necessary traffic lights, reflectors, and warning devices shall be mounted at rear proper to regulations.
- Specifications and dimensions are not binding. Manufacturer's tolerance may apply.





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CERTIFICATE

*This is to Certify that the
Quality Management System
of*

SANCAKLI İTFAİYE ARAÇLARI YAPIMI SANAYİ TİC.LTD.ŞTİ.

Fevzi Paşa Mahallesi Kasaba Caddesi No:38/C Çobanisa Manisa

has been independently assessed and is compliant
with the requirements of

ISO 9001:2015

This Certificate is applicable to the following product or service ranges:

**MANUFACTURING OF FIRE ENGINES,VACUUM, GARBAGE TRUCK ETC.
VEHICLE TOP EQUIPMENT**

:: Certificate No:: **50327-A001**

Date of initial registration	24 January 2019
Surveillance Audit on or before	23 January 2021
Certificate expiry	23 January 2022
Recertification Due	23 January 2022

This certificate is property of LMS Certifications and remains valid
subject to satisfactory annual surveillance audits.

Director

Accreditation
IAS-ANZ



www.ias-anz.com.au/register



LMS Certifications Private Limited
Visit : www.lmscert.com

Accredited by Joint Accreditation system of Australia and New Zealand (accreditation No: M4540210/L)

FECCA House, 4 Phipps Close, DEAKIN, ACT 2600, AUSTRALIA

For precise and updated information concerning the present certificate mail to info@lmscert.com



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SANCAKLI FIRE TRUCKS AND SPECIAL AIMED VEHICLES

*Fire Truck - Ladder Firefighting Truck - MiniPack Compactor
Garbage Compactor Truck - Water Truck - Vacuum Truck
Sewer Jetting Truck - Jet&Vac Combine Truck - Dumper
Telescopic&Articulated Platforms - Hooklift - Skip Loader
Recovery Truck - Food/Theater/Workshop Truck - Mobile Cafe*

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