

# Urbanit



**HAARGAZ GROUP (1932)**  
HAARGAZ Taditel AutoMotive Ltd | Transportation



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[www.haargaz-transportation.com](http://www.haargaz-transportation.com)





With the global development of modern city roads, dedicated, specially designed and suitable for the unique Bus Rapid Transit (BRT lines) concept, the Urbanit BRT bus is a step forward toward a brighter future for the public transportation service, ensuring a faster, cheaper, high quality, comfortable urban transportation solution.

The Urbanit BRT bus, is fully approved and certified to the European Standard of WVTA 2007 /46 / EC. It is a 18.75 meter bus, capable of carrying up to 40 seated passengers and 100 standing passengers. The Urbanit has an impressive exterior and interior modern design four sets of self-operated doors, which are allow rapid boarding and disembarking of passengers. All, providing a faster, more efficient service than an ordinary bus. The aim of the Urbanit is to approach the service level of rail transit while enjoying the cost savings and flexibility of bus transit along with relatively, low cost infrastructure investment.





## Design set for comfort and safety

The Urbanit has been designed with an impressive presence and an ultra-modern design, made to resemble a Train. There are no sharp corners on the bus, all corners are curved, which raises the levels of safety and prevention of injuries and damage. The Urbanit sloped front end and aerodynamic cockpit allows an optimal broad, vision field, and maximum interior space for the driver. Special emphasis was given to ease bus maintenance procedures and to ensure convenient and easy access to internal components.

Some of the many features of the Urbanit include:

- An outstanding wiper system operation on the sloped front window.
- Front and rear lighting design, using LED modern lamps and lights, which comply with the strictest European standardization.
- Convex side walls, with adjoining large panoramic windows, provide spectacular views, which contribute to passenger traveling enjoyment.
- Front panoramic mirrors that mesh with the look and futuristic design of the bus.
- Hidden bus tires, allowing for the train like look and resemblance.



The interior of the train-like Urbanit allows for convenient passenger flow movement. Special emphasis was placed on the atmosphere inside the Urbanit, in order to create an exceptional and comfortable travel experience for the passengers.

The passenger-friendly bus design had everyone in mind; the driver is seating in an ergonomic compartment, separated from the passengers, allowing him to concentrate on driving, solely. Passengers seated in a comfortable surroundings, are enjoying a broad view, through the large windows. Both driver and passenger seats were designed ergonomically and are perfectly integrated with the spatial design of the Urbanit.

With attention to every little detail, the bus has a built-in solution for disabled passengers. A manual ramp and special seats are dedicated for their ease and safety. For those travelers, who do not get a spot to seat, holding on to the beautifully designed safety handrails, add a special contribution to the total interior design concept of the bus and safety to the passenger.

Built for every and any season, the Urbanit has both a powerful air-conditioning system that creates a high-quality pleasant climate inside the bus and a convectors heating system that provides the perfect atmosphere for the cold winter days.

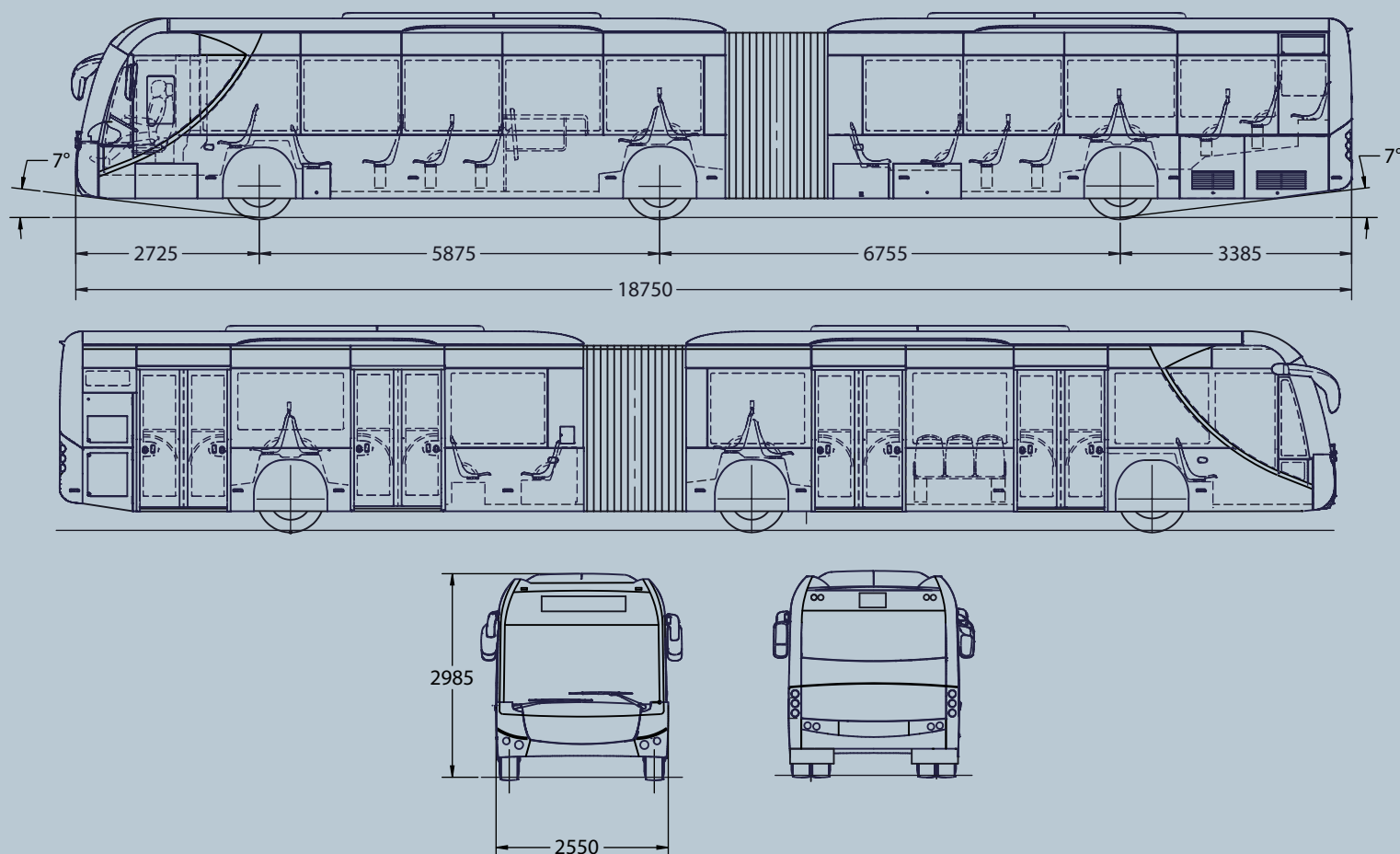
The Urbanit bus is equipped with an Information System for passengers through two 19" screens, located at the front end of each of the articulated bus wagons.





Equipped with intelligent Technological Systems, the Urbanit possess a Fleet Management System, Passengers Counting System, and an online driver and passengers Information System. The Urbanit, being a BRT, has a Priority Traffic System with a transmitter, which coordinates bus priority at traffic lights. In case of need, a Control & Communication System to a remote Operators Control Center, along with Emergency and Distress Push-Buttons, for the driver and passengers, enable controlling the situation in real-time.





## EC type-approval number

e4\*2007/46\*0306\*00

<b>Chassis</b>	MAN A24	<b>Power output</b>	360 hp/1900 rpm
<b>Overall length</b>	18750 mm	<b>Max torque</b>	1800 Nm/1400 rpm
<b>Overall width</b>	2550 mm	<b>Gear box</b>	VOITH D 864.5
<b>Total height</b>	2985 mm	<b>Rear axle</b>	MAN/ZF HONP-13100
<b>Internal height</b>	2320 mm	<b>Front axle</b>	MAN V9-72 GL
<b>Wheelbase</b>	5875/ 6765 mm	<b>Tires</b>	275/70 R22.5
<b>Gross vehicle weight</b>	28000 kg	<b>Air bellows</b>	Front-2, Midle-4, Rear-4
<b>Seating capacity</b>	40 + driver	<b>Steering</b>	ZF 8098
<b>Standing capacity</b>	100	<b>Brake units</b>	Disc brake
<b>AC unit</b>	35 KW X2	<b>Fuel tank</b>	350L+100L
<b>Engine</b>	MAN D 2066 LUH 48	<b>Kneeling system</b>	80mm lowering
<b>Stroke volume</b>	10518 cm <sup>2</sup>		



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# Haargaz Transportation

**T**he Haargaz Transportation plant, a member of the Haargaz Group founded in 1932, is a modern, innovative, high quality advanced plant. It is engaged in the development, design and production of buses, for the transportation market in Israel and in global markets, at competitive prices, using advanced management and engineering tools, such as SAP and Solid-Works.

Haargaz Transportation buses are built on quality advanced chassis, complying with the strictest European standards, and meet the latest environmental standards: Euro 5 and EEV, when Euro 6 is fast approaching.

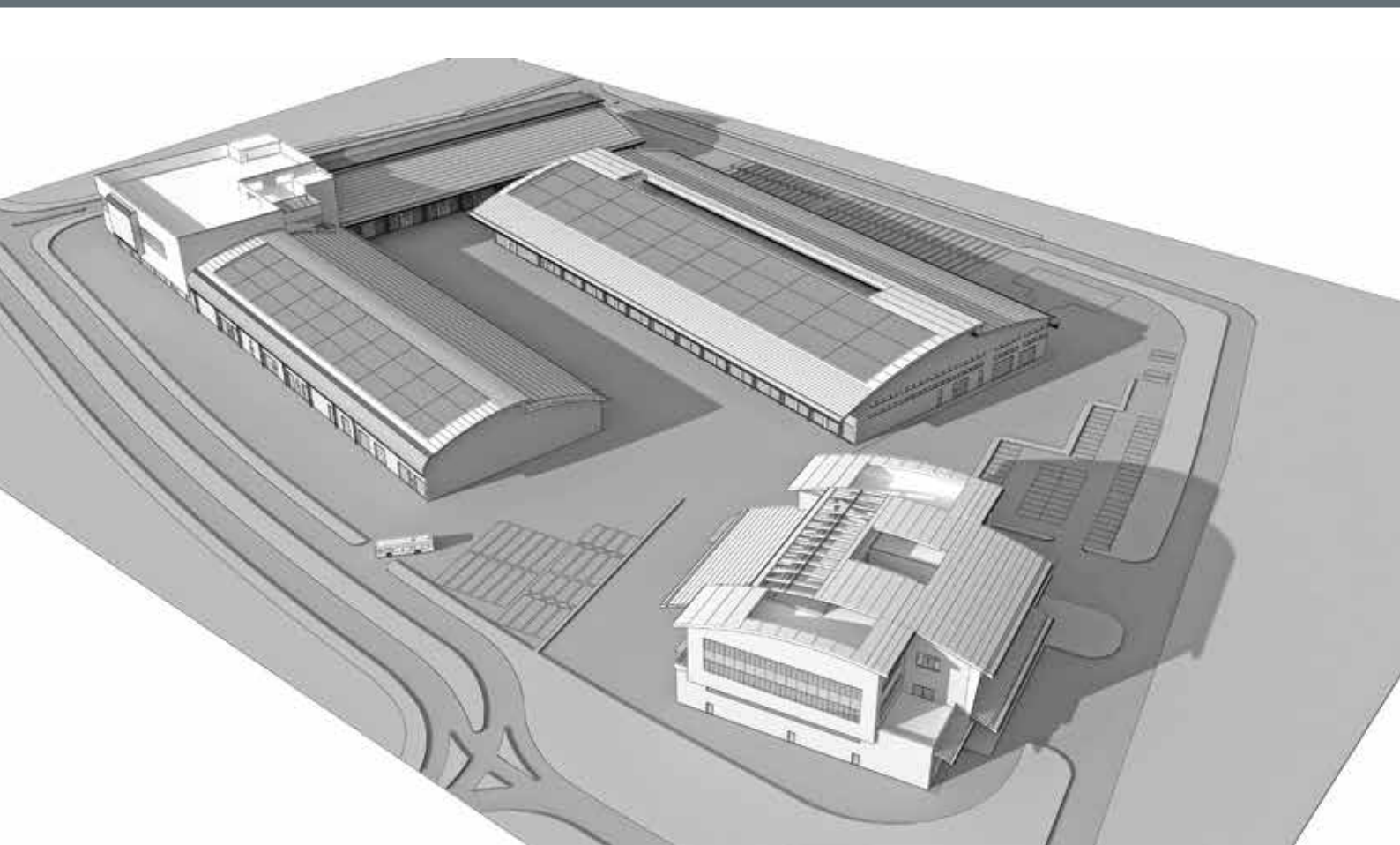
**Main platform chassis brands:** DAF, IVECO, MAN, MERCEDES, SCANIA.

**Main type of buses:** City, articulated, intercity, Coaches and Tourism buses, as well as Low Entry buses.

Haargaz Transportations plant's latest development is the Urbanit bus, for public urban transportation. Built under the worldwide trend of Bus Rapid Transit (BRT), the highly advanced and sophisticated Urbanit bus, possess a high quality stylish design.

The Urbanit is priced attractively so that, the rail quality ride of the BRT bus, allows one to enjoy a high quality product, while still maintaining the cost savings and flexibility of bus transit. Urbanit bus is developed on MAN-A24 chassis.

At the beginning of 2013, the Haargaz Transportation plant, will complete its move to the new, spacious modern factory site, with an area of 66,000 square meters, and significant new production potential, in order to meet bus customers global requirements.





## SAAR 31

A luxurious tourist coach which gives a comfortable pleasant driving experience and large-capacity luggage compartment.

Overall length	12.3 meters
Overall width	2.55 meters
Total height	3.72 meters
Capacity	Up to 55 passengers

Available on Mercedes and MAN chassis.

## NG- 363

Low floor articulated bus is a successful concept for high capacity carrying of passengers.

Overall length	18.75 meters
Overall width	2.55 meters
Total height	2.9 meters
Capacity	Up to 140 passengers

Manufactured on MAN A 24 chassis.

## NL- 313

An ideal low floor bus for city routes. High quality interior ensure comfort also over longer distances.

Overall length	12 meters
Overall width	2.55 meters
Total height	2.9 meters
Capacity	Up to 90 passengers

Manufactured on of MAN A 22 chassis.

## Barak 21

An optimal solution for intercity lines with increased luggage compartment.

Overall length	12.3 meters
Overall width	2.55 meters
Total height	3.6 meters
Capacity	Up to 55 passengers

Available on Mercedes, MAN, Scania and Iveco chassis.







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**H**aargaz Group ([www.haargaz.co.il](http://www.haargaz.co.il)) was founded in 1932 as a cooperative owned by the Histadrut labor federation and is one of the oldest industries in Israel. Today, it is a holding company operating in the retail field as the controlling owner of Tiv Taam Holdings Ltd. and in the industrial field as sole owner of industries active in the fields of transportation; prefabricated housing; metal processing and packaging; manufacture, marketing and installation of storage, cooling and display systems; and producing parts for the automotive industry.

### Haargaz Prefabricated Housing

The factory specializes in building transportable structures. It builds modules of reinforced cement (external) and plaster (internal) assembled onto a metal foundation and concrete floor. The customer can choose from a variety of external coatings, including external paint or a range of wood/stone coatings, roofs, including tiles; and internal finish at all levels of specification (sanitation, flooring, kitchen and woodwork, advanced electrical and communication systems, solar systems, aluminum, openings and more). These modules are transported to the site and assembled into a complete structure. This system ensures design flexibility for the customer, a high-quality finish and a lifestyle comparable to that of a regular building – all at a lower price and short timetable. The structures, built according to the American method, meet the Israeli standard for safety and construction. The factory is ISO-certified. The factory offers comprehensive service to the customer, with maximal design flexibility, and provides the design work, assistance in registration, quality assurance, transportation and on-site assembly, options for preparing the required infrastructure, service and warranty – all in a short period of time (just a few weeks from order to assembly!) and at an incomparable price. In addition to supplying private homes, the factory offers solutions for enlarging homes and existing structures. Using this method, it is possible to quickly enlarge an existing structure at low cost and without harming the quality of life or environment during construction.



### Haargaz Storage, Cooling & Display Systems

The factory, located in the Ramle industrial zone, specializes in manufacturing and turn key projects of shelving, displays, cooling display systems and heavy storage, including:

- Storage products at various loads, from light-weight to heavy-weight
- Display shelves for supermarkets
- Cashier tables for stores and supermarkets
- Special storage products, custom-made to meet requirements
- Refrigeration systems, display refrigerators for supermarkets. The factory has an epoxy powder paint facility for electrostatic painting and kiln roasting that offers paint services for external customers and flexibility in design for the factory's customers.



### Haargaz Technopach Metal Industries Ltd.

The company, located in the Barkan industrial zone, specializes in the turnkey design, manufacture, integration and supply of finished products, assembly parts, metal processing, and advanced packaging systems. The company utilizes an array of capabilities, including engineering, procurement, logistics, production management and mechanization: CNC milling machines, CNC processing centers, laser cutting, welding, assembly, painting and more. Technopach primarily serves the defense industries and the technology industry.



### Haargaz Taditel



Taditel with years of proven quality performance at various OEM customers and innovative state-of-the-art technologies, powerful production resources, highly skilled personnel and world-wide logistics; is an ideal partner for leading automotive OEM's.

Taditel has applied the most advanced electronic technologies and production facilities to develop and manufacture leading edge turn-key microelectronics solutions for the Automotive market. Taditel became a recognized brand name with 30 million cars that are using the Taditel product. Taditel current focus is on Voltage Regulator and Rectifiers, both for the OE and Aftermarket. Taditel designs, develops and manufactures its products for both Light and Heavy Duty vehicles.

### Tiv Taam Holdings Ltd.

Tiv Taam is the largest group in Israel in the field of non-kosher food products, focusing on the manufacture, import and marketing of food products from around the world. Tiv Taam operates a chain of supermarkets that provide a unique shopping experience and range of fresh, high-quality products. The supermarkets operate seven days a week.