



HEULIEZBUS

France – typical vehicle
Technical data sheet

May 2008

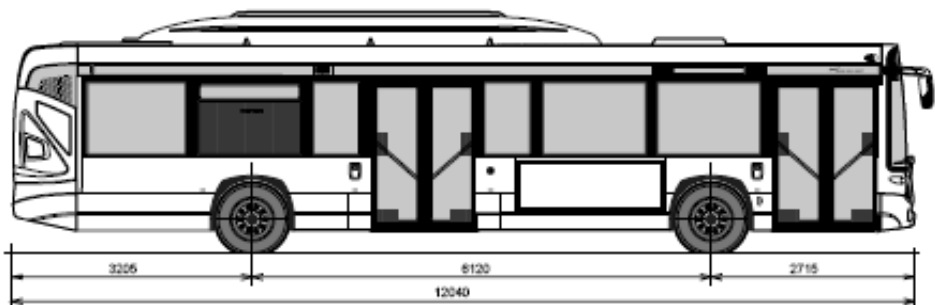
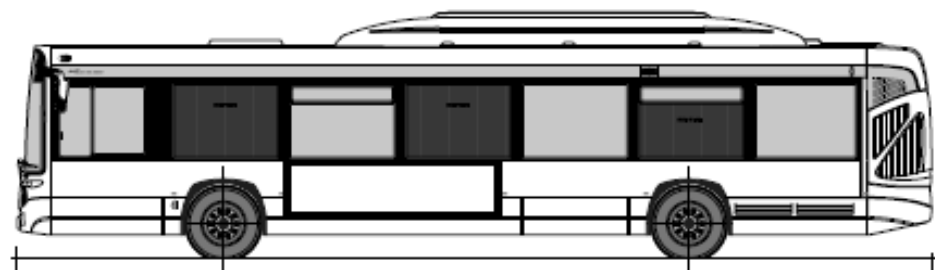
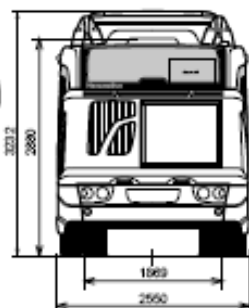
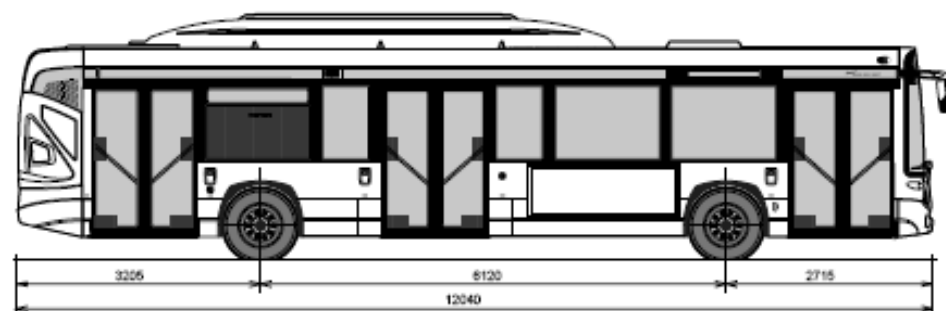
WEIGHTS

Gross kerb weight	according to equipments
G.V.W.....	19 845 kg
on front axle.....	7 245 kg
on rear axle.....	12 600 kg

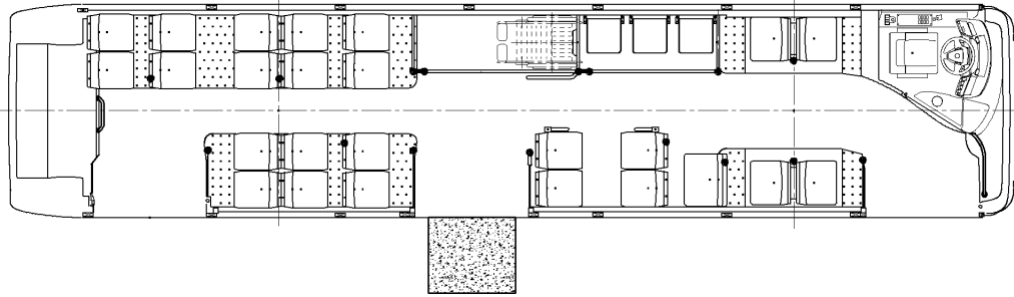
DIMENSIONS

Overall length.....	12.040 m
Front overhang.....	2.715 m
Wheelbase.....	6.120 m
Rear overhang.....	3.205 m
Overall width.....	2.550 m
Total height, full load.....	3 232 m
Inside headroom	
front part.....	2.384 m
rear part.....	2.262 m
step-height	
front door.....	0.320 m
mid/rear-door.....	0.330 m
Width of front/centre/rear doors.....	1.200 m
Floor height in the middle.....	0.340 m
Ground clearance, under skirt.....	0.300 m
Front/rear tracking.....	2.087 m/1.869 m
Inner turning radius.....	8.862 m
Front outer turning radius.....	10.616 m
Angle of attack/escape.....	7,4°/7,4°

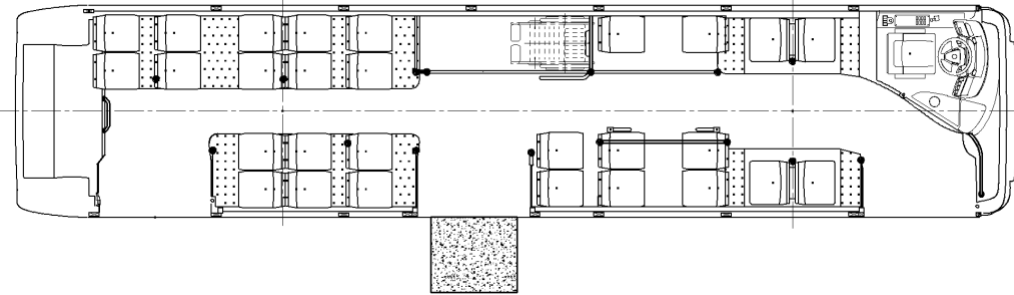
Access
BUS GX 327 GNV



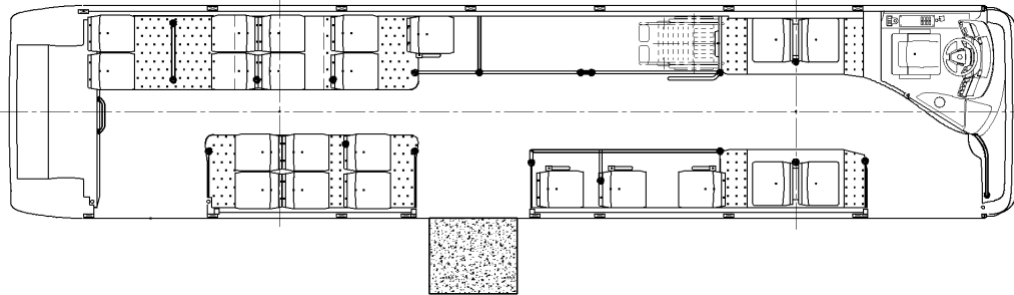
3 door-version



25 seats + driver + 83 standees + 3 jump seats + Wheelchair

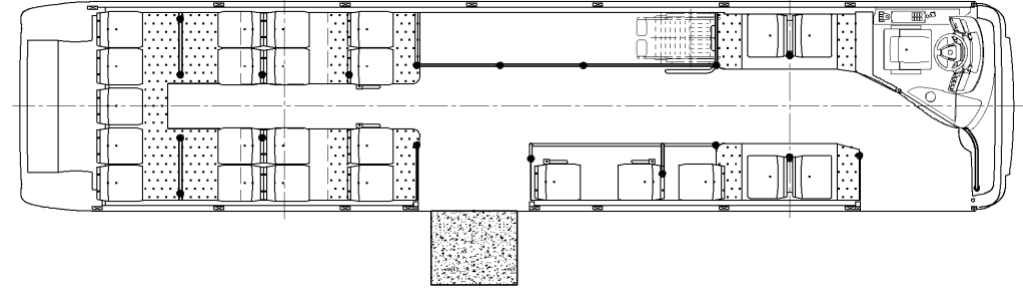


28 seats + driver + 82 standees + Wheelchair

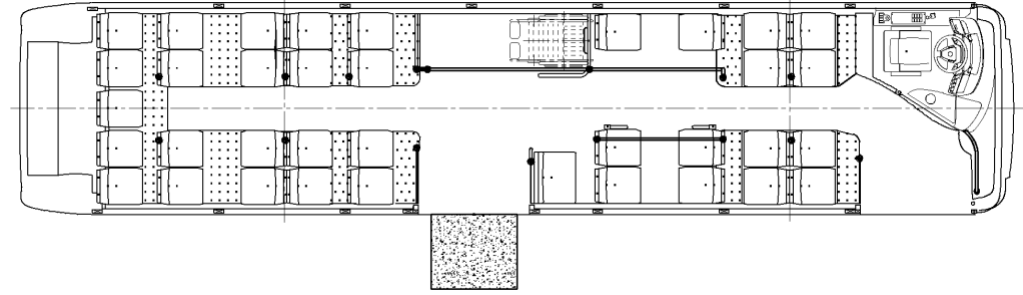


22 seats + driver + 84 standees + Wheelchair

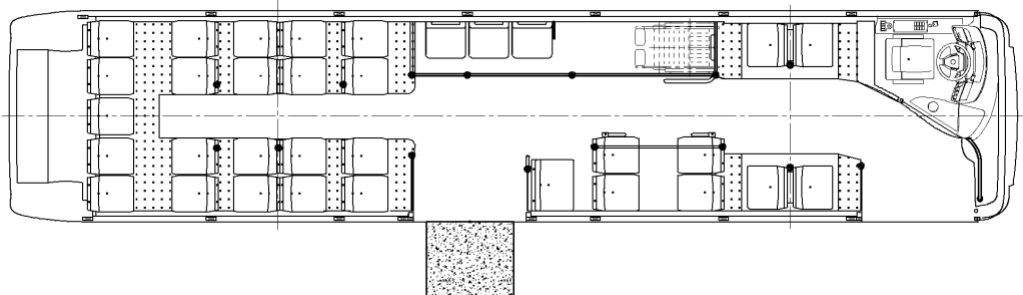
2 door-version



24 seats + driver + 80 standees + Wheelchair



36 seats + driver + 74 standees + Wheelchair



30 seats with rotunda + driver + 78 standees + wheelchair + 3 jump seats

For alternative layouts, please contact us.

CHASSIS AND STRUCTURE

Self-supporting integral structure. Irisbus CS.S type steel chassis protected by electro-cataphoresis. Body structure consisting in 5 panels (front/rear/left/right/top) made of welded stainless steel sections and sheet panels. Assembling of the 5 panels to the chassis by bolting. 12mm thick plywood floor, protected by phenolic resin on both sides and wax-based resin on ground side.

OPTIONS :

. Fire detector in engine compartment.	. Fire detector and extinguisher in engine compartment.
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PAINT & DECORATION

Exterior paint : polyurethane lacquer finish (white, RAL 9010), without customising.

OPTIONS :

. Custom finish.	. Lettering and adhesives .
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EXTERIOR EQUIPMENT

Left and right rear-view mirrors. Integrated flag holders. Wheel nut guards on front wheels.

OPTIONS :

. Self de-frosting rear-view mirrors.	. Motor driven and self de-frosting rear-view mirrors controlled from driving position.
. Side and rear advertising Frames.	. Front and rear wheel caps .
. Fender skirt.	

EXTERIOR TRIM

Composite front and rear ends, roof and side panels. Bonded assembly. Gravel resistant wheel arches. Composite front and rear bumpers in 3 parts. Composite compartment for the bottles protection.

GLAZING

TSA tinted panoramic laminated glass windscreen bonded on front face. Tinted curved rear window. Bonded side windows : right-hand side : 3 fixed single-panel windows and 1 tilting window / left-hand side : 4 fixed single panel windows, 2 tilting windows. Driver's window : sliding in front part type. TSA tinted glass all around.

OPTIONS :

. Heat-reflecting w indscreen.	. Heat-reflecting side windows.
. Sliding type side windows.	. Right side : 2 tilting windows
. Lower w indows on platform	and left side 5 tilting ones.

ACCESS AND DOORS

2 inward swing doors. 2-leaf doors are air-driven. Both leaves of front door are double glazed. Parallelogram opening of the engine compartment cowl. Brakes applied by opening of the

central and/or rear door(s). Manual access ramp on the central door. Buzzer on doors.

OPTIONS :

. 3 rd door at the rear.	. Brakes applied by opening of the front door.
. Floor mounted BIRCHER step-on sensors on front and/or rear doors.	. Electrical access ramp .
. Safety by photo-cells on doors.	. Center sliding doors.
. Passenger counting system on LCD screen.	. Door opening by passenger.
. Motor-driven access doors.	. Self service.
	. Front door 2 leaves independent opening.

INTERIOR TRIM

High wear resistant floor covering up to plinths top. Laminated roof and side panels. Thermo-formed wheel arches. Polyester ceiling arches.

DRIVER'S COMPARTMENT

Adjustable steering wheel (height and angle). Air-suspended driver's seat with adjustment control on right-hand side. VDV instrument panel with warning lamps and control display panel. Pivoting door, wall behind the driver with a glazed upper part. Interior rear-view mirrors. Left front and side hand-actuated roll sunvisor. Driver's individual light, luggage box.

INTERIOR FINISHES

Front destination indicator with full opening door. TSA tinted glazed partitions on doors. 4 loudspeakers. 3 or 4 « emergency exit » hammers. Fire extinguisher location close to the driving position. 5 « stop requested » push buttons with acoustic warning. « wheelchair » space with padding and sensitive « stop requested » push button with acoustic warning.

OPTIONS :

. Padding on platform	. Fire extinguisher.
. Additional « stop requested » push buttons .	. Interior information frames
. Video surveillance	. First-aid box (empty).
	. Driver loudspeaker.

HEATING - COOLING

Front heating/de-frosting unit used for driver's compartment (air from outside or re-circulated air). 4-speed control (power : 17 500 W). 1-off passenger heater (forced air, 8 140 W) with 2 speeds controlled from the dashboard. 2-off air extracting fans in ceiling rear part. Insulated roof..

OPTIONS :

. Motor driven roof hatches .	. Heat-reflecting glazed roof-hatches, motor-driven.
. Passenger and driver's compartment air conditioning.	. Hand actuated roof hatches.
. Driver's compartment air conditioning.	. Additional heater in passengers compartment

SEATS LAYOUTS

Seat layouts according to the number of doors. 4 seats dedicated to people with reduced mobility. Epoxy stanchions and handrails. Grey epoxy-painted seat legs.

OPTIONS :

. Multi-branch stanchion on central platform	. For passenger seats options (anti-vandalism upholstered, or other seat models etc) please contact us .
. Stainless steel stanchions and handrails.	

DESTINATION AND INFORMATION EQUIPMENT

Preparation for front or lateral electronic destination indicator. 1-off illuminated « stop requested » sign box at the front. Preparation for illuminated strip display behind the driver. Preparation for acoustic and visual information.

OPTIONS :

. Line stops map (single or double sided) near the ceiling.	. Additional illuminated « stop requested » sign boxes .
. Lateral destination indicator flush mounted with roof arch or side window top.	. Line number display at rear window .
. Front destination indicator.	. Acoustic and visual information of destination.

ELECTRICAL EQUIPMENT

24 Vdc nominal voltage. 2-off 12 V 225 Ah maintenance-free batteries mounted on a sliding tray located in an outside compartment at the vehicle front left-hand side . Battery re-loading and engine start FENWICK socket. 2-off 140 + 80 Ah alternators. Thermal circuit-brakers. Front lights : parking lights, dipped headlights, driving lights hinge fitted and turning lights. Rear lights : parking lights, stop lights, fog lights, reverse lights and turning lights. Marker lights visible from the driver's compartment thanks to exterior rear-view mirrors. 3-speed electrical windscreen wipers with intermittent speed. Electrical windscreen washer with wiper mounted nozzles. Passenger compartment lighted by fluorescent overhead lights (staggered lighting possible). Door step lighting at door opening. Lighting of driver's compartment, paying position and steps. Engine compartment lighting. Electricity-saving system for intensive use whilst engine is off. Electrical cabinet located in the lower section of the wall behind the driver's seat. Multi-function buzzer. Diagnosis system on board (1st level)

OPTIONS :

. Front fog lights	. Complete radio equipment
. flashing/stop indicators on the top of rear end.	. Monoring gong for pedestrian zone
. Atmosphere lightings.	. 3 rd stop light

