

V59 DOLCE VITA TECHNICAL DATA

System of transport for a seated person

- In conformity with the European Directive 2014/30 on Electromagnetic Compatibility
- In conformity with the European Directive 2006/42 Machinery Directive

Available in a left-or right-hand version (at the foot of the staircase, looking from the bottom upwards, if the rail is on the left, then it is the left-hand version; if it is on the right, it is the right-hand version).

INSTALLATION

The system can be installed either indoors or outdoors. In case of equipments for outdoor use, the rail will be treated with cataphoresis and sandblasting. Waterproof PVC cover on request.

COLOUR: Bodywork and rail **standard** White RAL 1013

GRADIENT: From 0° to 40° for curved rail, up to 55° for straight rail.

RAIL

Double rail, each one formed by a pipe with an elliptical cross-section, slotted at a certain distance for the traction; the rail can be installed either on the internal side or on the external side of the stairs ; it basically follows the staircase and the landings. Additional intermediate stop on request.

MINIMUM WIDTH OF STAIRCASE:

- 770 mm with straight rail
- 790 mm with curved rail for internal and external side of the stairs

PLATFORM LANDING SPACE: 850 mm minimum; with droptail – 750 mm minimum

RAIL DIMENSIONS: 130 mm minimum for internal and external rail

RAIL DIMENSIONS AT BOTTOM: 800 mm minimum; with droptail – 700 mm minimum

PLATFORM CLOSED DIMENSIONS: 445 mm minimum

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Capitale Sociale Euro 1.000.000,00 i.v.
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FASTENINGS

With feet that allow fixing onto the steps with screw anchors or chemical anchors; on request, on the side of the steps, on the wall behind or to the handrail, with brackets, tie-rods or whatever else is necessary.

ELECTRIC SUPPLY

220 V - 4A - 50/60 Hz switching power supply unit that meets the CEI 64-8 standard on safety power supply units, installed upstream of the stair lift on the single-phase 220 V line. The power supply unit must be no more than 8 m from one of the two ends of the rail. The cable with the plug is 2 m long. The electric supply comes from two 12 V – 9 AH batteries on the appliance that at the machine electric supply become 24 V - 9 AH, ensuring on an average run of 10 m an autonomy of 9 complete cycles (up + down) and the anti-blackout function; in case of runway exceeding 15 m, the electric supply is guaranteed by a 24 V – 9AH lithium battery with specific power charger on the machine.

SPEED

0,1 m/sec. in a straight line; gradual departure and arrival at the landing with an adjustable speed reduction near bends; in addition the maximum and minimum up and down speed can be programmed at the time of installation with a specific programming console made at the time of installation.

WORKING LOAD: 130 kg.

CONTROLS

They are always dead-man's controls; joystick on the machine for directional up and down control; delayed operation to avoid operation in case of accidental and unintentional knocks; removable key and emergency stop button on the product.

The standard supply includes nos. 2 remote floor controls. Additional radio controls are available on request for intermediate stops. Column support for radio controls also on request.

DRIVE

Positive engagement of a sprocket on a perforated rail, with an irreversible reduction gear; if the machine is equipped with rail exceeding 12 m and/or it is installed in common spaces available to several users, it is compulsory to buy the high-resistant roller kit for heavy use.

MOTOR

0.5 kW 24 Volt DC BRUSHLESS , self-braking, installed on the machine, with electromechanical brake in case of power failure.

SEAT

With dimensions of 380x330 it is equipped, as standard, with shear-proof, shockproof and anti-crushing devices. Manual swivel seat up to 75°, with two fixed armrests and a safety belt.

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The footrest is closed by folding up the seat, with a simple movement which doesn't ask efforts.

The seat, in brown sky as standard, can be supplied in red or beige sky on request.

OVERSPEED GOVERNOR

Mechanical type with progressive engagement, controlled by safety microswitch with forced disconnection; its operation is governed by a speed limiter. The whole mechanism acts on its own rack and on its own rail, independent from the drive rail

SAFETY FEATURES FOR THE TRANSPORTED PERSON

Extra low voltage; overspeed governor, emergency circuit breaker with manual reset; electric safety limit switches with forced disconnection.

SAFETY ALONG THE RUNWAY

Shear-proof, shockproof and anti-crushing devices with safety microswitches with forced disconnection; audible warning for movement if necessary; call and return from the landings with all the shear-proof, shockproof and anti-crushing devices active; rear guard on request.

STATE OF SUPPLY

The system is supplied with rail colour **RAL1013, leatherette brown** seat, 2 landing radio controls. It is divided into the following components:

- rail beam
- carriage and seat
- 2 transformer

AT THE CUSTOMER'S EXPENSE

The customer must at his own expense not only handle the delivered parts, but also (before delivery) make all the necessary changes to the shaft, carry out the construction of the dedicated electric line with conductors of minimum cross-section 1.5 mm^2 , to our panel, which can be disconnected with a residual current circuit breaker of nominal capacity 16A and sensitivity 0.03A and earthed with a cable of 1.5 mm^2 . In addition, to avoid bare cables, he must install a 30 mm pipe from the position of the power supply unit to one end of the rail.

Also at the customer's expense are the costs for all the restoration work and any testing.

The customer is responsible for the strength of the walls and steps.

N.B.: The data are indicative and not binding. Vimec S.r.l. reserves the right to make any changes that it may consider appropriate with no obligation to give any advance notice thereof.

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