



IS technology . Elevators

technology Elevators
Lifts in Style

Green Engineering



Cottage Lift IS-technology



Hydraulic Cottage Lift
English Catalog



IS-HYDRO COTTAGE

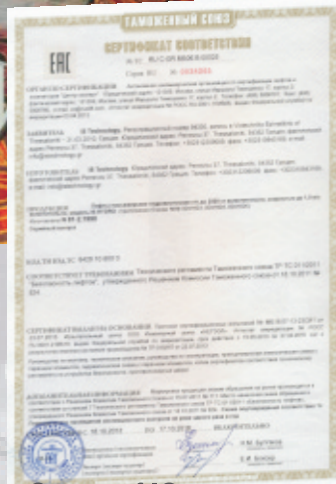
IS technology designed the **IS-HYDRO-Cottage** for Home Lift applications.

The unique aesthetics and stylish design of **IS-HYDRO-Cottage**, makes the lift an architectural element of the overall construction while it functions as a value added to the real-estate.

The experience of our engineers, the quality of all components and the reliability of **IS technology** makes the **IS-HYDRO-Cottage** an ideal choice for home lifts.

The **IS-HYDRO-Cottage** is designed and certified for the European and Russian market.

IS technology can deliver a complete **IS-HYDRO-Cottage** lift in just four weeks.



deal for existing or new buildings. Some of **IS-HYDRO-Cottage** lift highlighted features are:

- Smooth and Quiet Operation
- Top quality and reliability
- Modern and contemporary design
- Variety of interior and exterior design options
- Low consumption and ecological design
- Reduced installation space requirement
- Quick and easy installation
- Designed for indoor and outdoor installations



INDOORS INSTALLATION

The **IS-HYDRO-Cottage** lift can be supplied for indoors installation with or without the metal shaft.

In this case special attention is given to keep the noise to a minimum level.

The **IS-HYDRO-Cottage** lift can be used to also in commercial buildings, where the lifting load requirements are within the permitted range.



OUTDOORS INSTALLATION



IS-HYDRO-Cottage metal shaft highlighted characteristics:

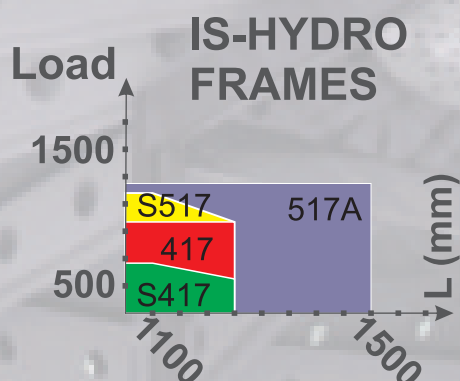
- Water resistant metal shafts
- Wide variety of coating options
- 3 shaft construction support options
- Detailed finish and modern design with respect to the building's architecture.





IS-HYDRO COTTAGE LIFT

MECHANICAL PARTS



Technical Description

MODEL	S417	S517	417	517-A
Max Nom. Load / kg	300	450	525	630
Max Capacity / Pers.	4	6	7	8
Max Load P+Q / Kg	680	1180	1220	1250
Max Forks Length (Lmax) / mm	1250	1250	1250	1500
Max Travel Height / mm	13000	13000	13000	13000
Min Headroom / mm	2550	2550	2550	2550
Min Pit Depth / mm	220	320	350	400
Min Room Required for Frame (Wall to Cabin Distance) / mm	340	340	350	350

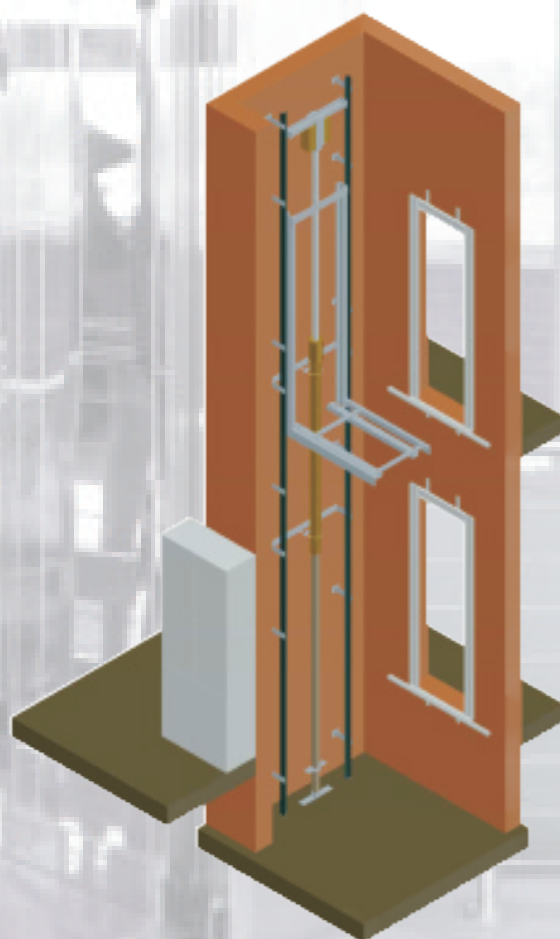
IS-HYDRO-Cottage technical features:

- Maximum load: 630kg
- Minimum pit depth: 220mm
- Minimum headroom: 2550mm
- Maximum travel: 13000mm

All components of **IS-HYDRO-Cottage** share the same high quality level and ensure the long life and trouble free operation of the lift.

The mechanical part of **IS-HYDRO-Cottage** is consisted of:

- Car sling (with accessories, Pulley, Piston support etc.)
- Steel ropes (with accessories, rope rods etc.)
- Guide rails & Brackets
- Pit buffers and Pit probe



HYDRAULICS

A wide range of pistons and power units are available for **IS-HYDRO-Cottage** lifts. All hydraulics are produced in Italy by GMV with high quality, brand recognition and reliable operation.

3010-SS standard valve block offers accurate leveling within a wide oil temperature range. Optionally NGV electronic block valve can be used for unique ride quality and reduced power consumption.

Depending on the available space for the power unit, **IS technology** offers 3 different versions of the **IS-HYDRO-Cottage** lift:

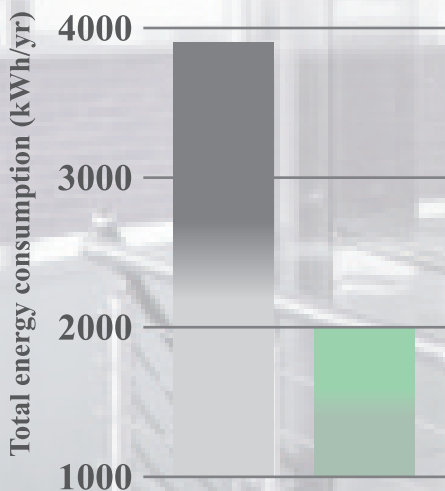
- **MR** - Machine room is required
- **MRL** - 700x350x2100mm space is required
- **TMRL** - Almost no additional space is required

MR Version
GL Power Unit
335x750x1150mm
Placed inside
the machine room

MRL Version
Controller & Power Unit
Cabinet
350x780x2100mm

TMRL Version
Power Unit
300x300x2000mm
Placed inside
the shaft

Powered By



■ **IS-HYDRO ECO**
Standard Hydraulic System

Direct Acting
1000/1000SL Series
Ø60-Ø150mm



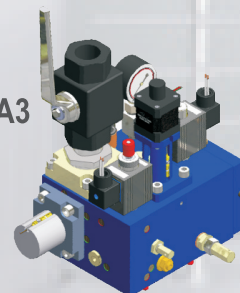
Indirect Acting
1008/1008SL Series
Ø60-Ø238mm



ECO OPTIONS

For reduced power consumption up to 30% NGV Electronic Valve is available instead of classic 3010-SS GMV Block

NGV-A3

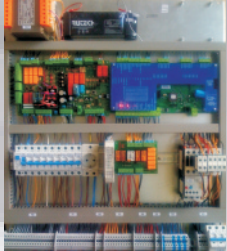




IS-HYDRO COTTAGE LIFT

LIFT CONTROLS

HYDRO-Y/D
Controller
for typical
applications



VVVF-HYDRO
Controller
for reduced power
consumption up to 25%



TMRL Version
Controller's Cabinet
Hairline Stainless Steel
400x250x2000mm



IS technology designs and produces lift controllers for all lift applications.

Robust and innovative products are produced in our automation department. From simple projects to the more complex ones, **IS technology** can study, design and finally offer the best possible solution for each case.

All **electrical** components are produced, assembled and tested carefully in our facilities to ensure maximum safety and easy installation.

Standard Options



BVH430A



BVL111



BAS12B



BXG165



BXG167



BXG165/167
Full Collective
or
Access Key

LANDING & CABIN STATIONS

IS technology provides a wide range of options for landing and cabin stations.

Except the standard options, **Executive** and **Luxury** series are also available for a unique aesthetic result

(more in "IS-Cabins-Fixtures Catalog")



AUTOMATIC DOORS

IS technology provides a complete range of brand name automatic doors, manufactured in EU.

All **IS technology** doors are delivered with:

- Complete installation manuals
- **EN** and **GOST** certificates
- 2 years guaranty for the motor
- 1 year guaranty for electronics

Automatic doors highlighted characteristics:

- High quality and brand name mechanisms
- Complete range of Door Types
- Openings from 600mm
- Easy installation.
- Car door operators with VVVF
- Factory pre-set of the function parameters (RTR)
- DC motor with low noise emission
- Fire execution E30, EW120, EI60, EI90

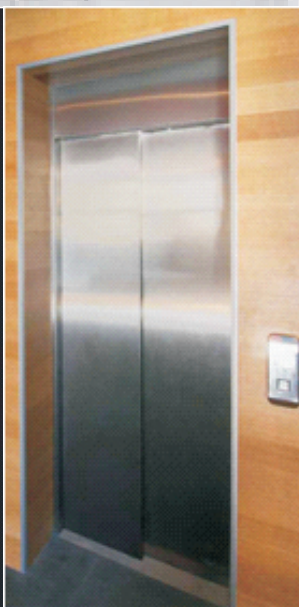
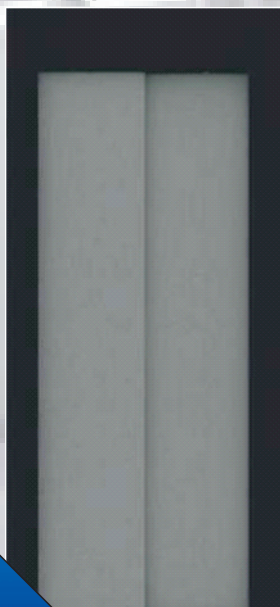


Epoxy painted panels

Hairline st/st panels

st/st mirror panels

Glass Panels with st/st frames





IS-HYDRO COTTAGE LIFT

SWING DOORS

8 swing doors models are the standard options provided by **IS technology**.

A variety of materials and colors are used for **IS technology** swing doors coating.

- Epoxy paint (9 color options)
- Stainless steel (Mirror, Hairline, Patterned)
- Wood panels
- Glass (Transparent, Vitro or Milk).

M1100 - Standard



M1400 - Twin Color



M1700 - Breeze



M1600 - Cobalt Blue



M3100 - Forest



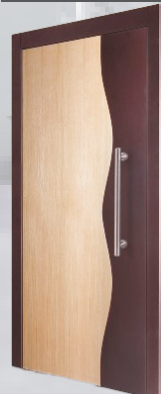
M1200 - Stained Glass



M3200 - Essence



M3300 - Executive



AUTOMATIC CABIN FOLDING DOORS

The automatic folding cabin door **Alpha 01BB** series is considered to be the most reliable bus type door model in the market.

Alpha 01BB bus door comes with 5 years warranty.



EPOXY PAINT COLOR OPTIONS

1900 FIME MATT	1800 ANTHRACITE MATT	2000 GREY MATT	1700 TITANIUM MAT
1100 RUST MATT	1300 DARK RED MATT	1200 BEIGE MATT	1400 GREEN MATT



CABINS

BASIS (EPOXY)



IS technology offers 6 basic cabin models with a variety of different colors combinations for each one of them.

Highlighted features of **IS technology** cabins:

- High quality paint job
- Detailed finish
- Stiff construction with improved noise insulation

VENUS (LAMINATO)



URANUS (INOX)



ARMONIA



AMBASSADOR



HELIOS (PANORAMIC)





IS-HYDRO COTTAGE LIFT

Ceilings



Minimal - O1



Chess - O2



Meandros - O3



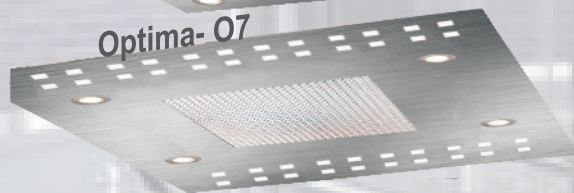
Spiral - O4



Vergina - O5



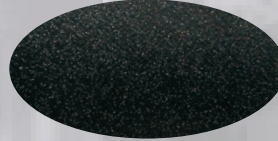
Blaze - O6



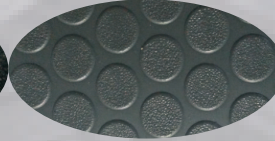
Optima - O7

Elastic Floors

2Φ-A G428



2Φ G429



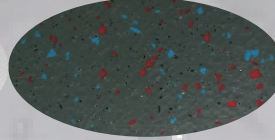
1.50Φ G810



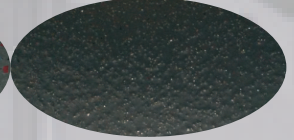
2Φ G825



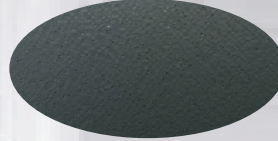
2Φ G827



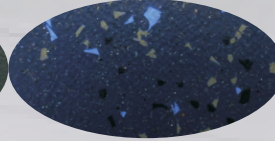
2Φ G830



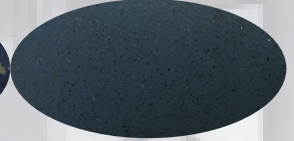
2Φ-A G857



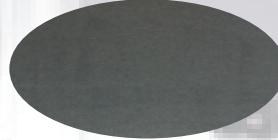
2Φ-A G852



2Φ-A G854



2Φ-A G857



2Φ-A G858



2Φ-A G859



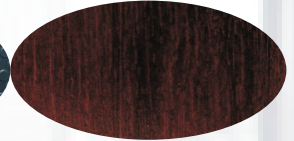
2Φ-A G856



1.50Φ-A G855



2Φ-A G860



2Φ G812



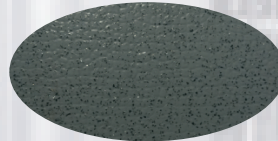
2Φ-A G850



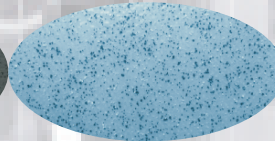
2Φ G833



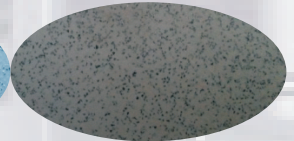
1.50Φ-A G4



1.50Φ G803



2Φ G819



Hand Rails



K01



K02



K03



K04



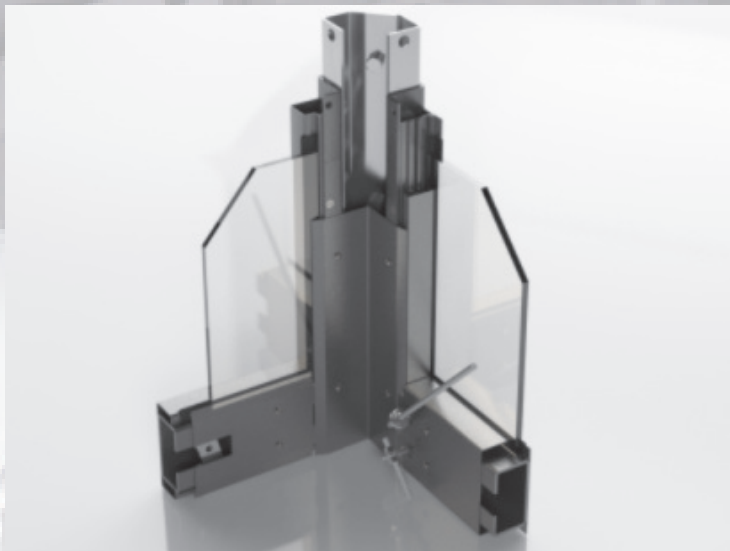
K05



K06



Laquila Steel Loads up to 1000kg



METAL SHAFTS

The metal shafts **Laquila Steel**, are made from formed steel and produced to be fully modular.

Offered in a variety of colors, with or without claddings with 3 different options for the structure support.

Installation is easy and requires 3-4 days of a 2 person team for their completion.

Their finish, construction and durability can satisfy even the most demanding customer.

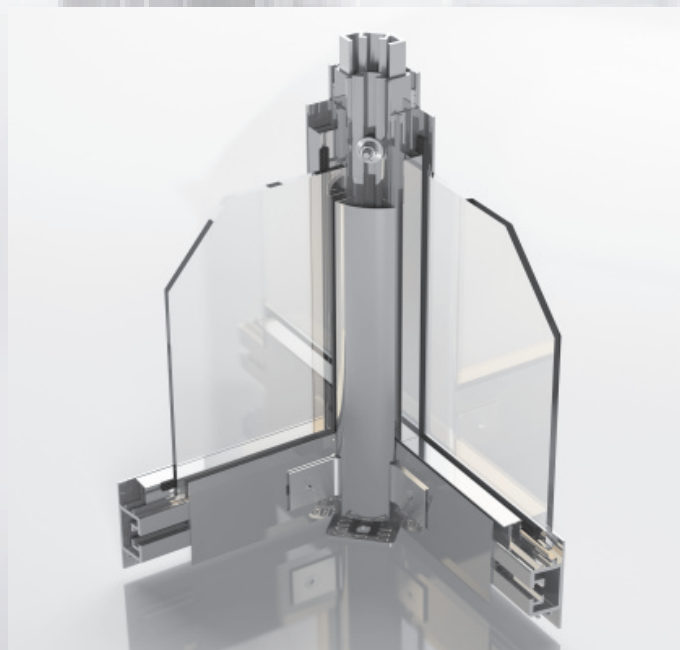
Like **Laquila Steel**, the **Helios Aluminum** shafts, are designed and produced by the same principles.

The difference between them is in the construction material, as for the series Helios is aluminum.

It can be used for freight elevators up to 450kg and can be installed both indoors and outdoors.

Installation time is the same as the **Laquila** while similar is the quality.

Helios Aluminum Loads up to 450kg



IS technology . Lift Manufacturer



IS technology

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