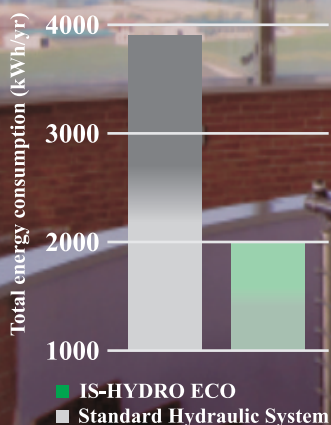


IS-HYDRO-MRL

IS-HYDRO-MRL is a Modern Machine Room Less Hydraulic Elevator. This Unique Product Offers Advanced Characteristics Regarding Space Requirements, Energy Consumption, Safety, Noise and Vibration Levels.

IS-HYDRO-MRL is an Ideal Choice for Low Rise residential or commercial Buildings and Combines Effective Engineering with Reduced Total Cost of the Application (Material Cost / Installation / Operational Cost / Lack of Machine Room).

IS-HYDRO-MRL Complies with EN81.2, EN81.28, EN81.70, EN81.71, EN81.72, EN81.73



For Reduced Power Consumption up to 30% 2 Options are Available

- VVVF Drive Controller with Special Inverter for Hydraulic Applications
- NGV Electronic Valve Instead of Classic 3010-SS GMV Block

ADVANTAGES

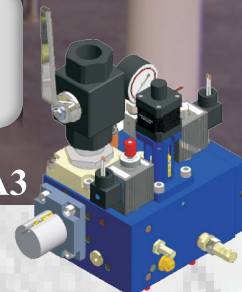
- Costs Less to Install
- Short Lead Times
- Requires Smaller Shaft Dim.
- Machine Room Less

ECO OPTIONS

VVVF



NGV-A3



HYDRAULICS

A Big Range of Pistons and Power Units are Available for MRL Applications. All Hydraulics are Produced in Italy By GMV with High Quality, Brand Recognition and Reliable Operation.

3010-SS Valve Block is a Standard Selection with Accurate Leveling Performance in a Wide Oil Temperature Range. Optionally NGV Electronic Block Valve can be Used for Unique Ride Quality and Reduced Power Consumption.

According to the Power Unit Selection, 3 Types of Cabinets are Available. All MRL Units are Carefully Designed For Low Noise Emission With Reduced Space Layout.

Powered By



Direct Acting
1000/1000SL Series
Ø60-Ø150mm



TYPE "D"
For GL Power Unit
350x780x2100mm

Indirect Acting
1008/1008SL Series
Ø60-Ø238mm



TYPE "B"
For F1 Power Unit
570x950x2100mm



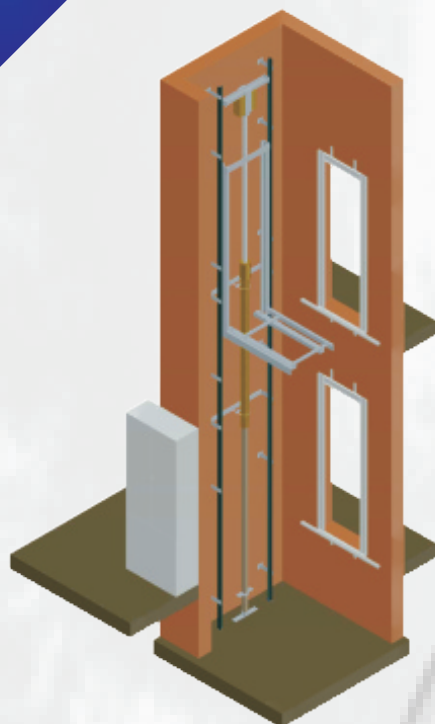
TYPE "F"
For T2 Power Unit
650x1000x2100mm





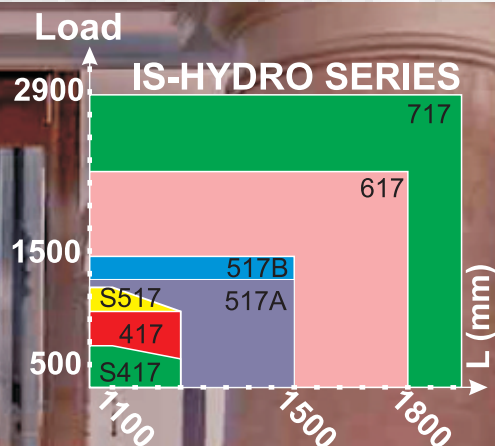
Technical Description

- Nominal Load Range: 225 - 1600kg (3 - 21 Persons)
- Max Travel Height: 30m
- Nominal Speed Range: 0.15 / 0.30 / 0.50 / 0.62 m/sec
(0.8m/sec with Progressive Safety Gear Option)



MODEL	S417	S517	417	517-A	517-B	617	717
Max Nom. Load / kg	300	450	525	630	750	1000	1600
Max Capacity / Pers.	4	6	7	8	10	13	21
Max Load P+Q / Kg	680	1180	1220	1250	1450	2200	2850
Max Forks Length (Lmax) / mm	1250	1250	1250	1500	1500	1750	1900
Min DBG (Distance between Rails) / mm	450	450	550	750	850	950	1150
Min Headroom / mm	2550	2550	2550	2550	2600	2700	2900
Min Pit Depth / mm	280	320	350	400	430	650	900
Min Room Required for Frame (Wall to Cabin Distance) / mm	315	315	330	340	340	350	370

IS-HYDRO is one of the most commercial Products of IS technology.
A mature and Reliable Product with Professional Constant Technical Support



Applications:

- Business - Office Elevators (Up to 7 Floors)
- Home Lifts
- Cargo Lifts
- Residence Buildings (Up to 8 Floors)
- Public Buildings (Public Stores / Banks)

HEAD QUARTERS:

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