



Omarlift is always up-to-date on the new certifications.

Lift directive 95/16/EC  
Norm EN 81-2 + A3  
Norm EN 81 41  
Machine directive 2006-42-CE

Lift directive 2014/33/EU  
Norm EN 81-20  
Norm EN 81-50

With Proper Installation carried out by qualified persons the electrical devices are capable to satisfy: EMC requirements (EN 61800-3).

#### CUSTOMER SERVICE

Scan and download OMARLIFT Mobile App

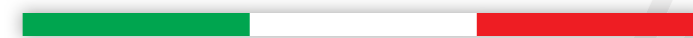


#### OMARLIFT SRL

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MADE IN ITALY





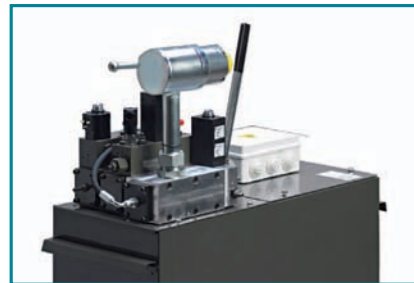
THE COMPANY

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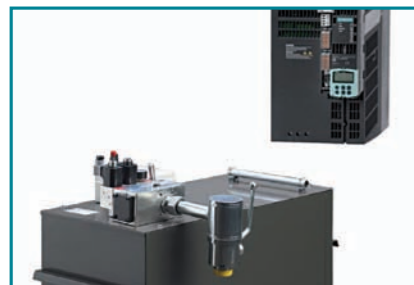
HYDRAULIC CYLINDERS  
CS, CT, HC, C97

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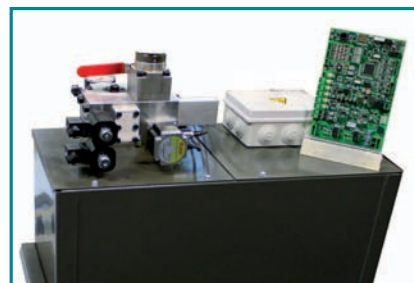
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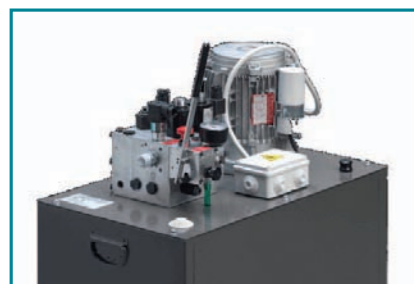
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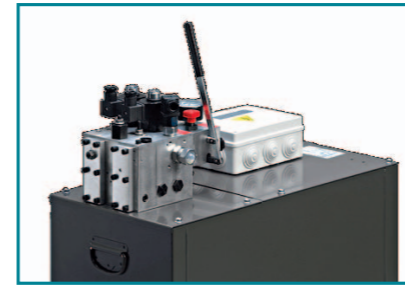
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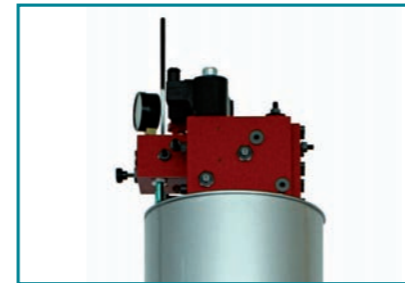
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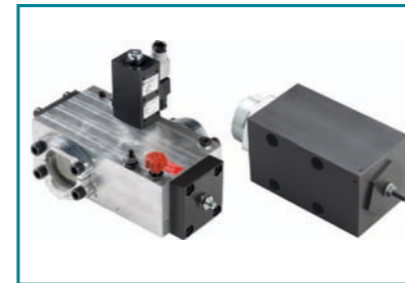
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## THE COMPANY

OMARLIFT SRL comes from a past on which has been able to build, through great and important changes, its present image always endeavouring to keep in sight its target: to realize quality products and to provide efficient services.

We want to look ahead, without forgetting our past (that we proudly claim) but concentrating on what we will do today to build our tomorrow.

Together with the present leading managers we invested in a firm willing to find in its own identity the main reason of pride and the right push to go on with passion and to progress with its customers and partners.

Our history and roots are a boost for our future to find its fulfilment in the company growth via the excellence of the offered service so that all the passion spent in making very good products can combine with the determination to be always a reference for our market.

***OMARLIFT, elevate for passion.***



ALESSANDRO MORDINI  
CEO

## HC, CT, CS, C97

Wide pistons range to satisfy different types of installation, respondent MD2006/42/EC, LD 95/16/EC; EN81.2 / EN81.10-50, EN 81.41



### 1. HC - Homelift

- Cylinder with overall dimension for Homelift application
- Available 50, 60, 70 diameters with thickness up to 12 mm
- Upper cushioned end
- Extremely low oil quantity

### 2. CT - Telescopic

- Available the Homelift version with reduced size
- Multistage synchronized telescopic
- Suitable for panoramic installations
- Standard plate included

### 3. CS - Slim

- Cylinder with overall dimension
- Available 80, 90, 100, 110 diameters
- Least amount of filling oil
- Easier handling due to less weight

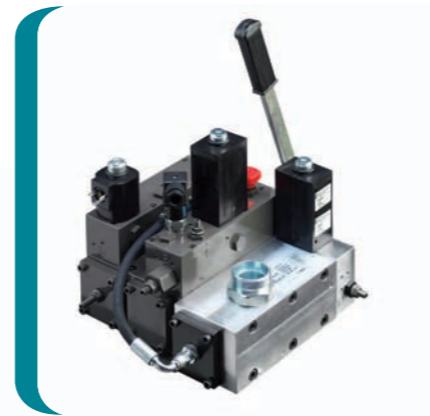
### 4. C97 - Standard

- OMARLIFT standard solution
- Available from 80 to 230 diameters
- Square flange joint for an easier assembly
- Rupture valve can be easily assembled in non-standard position

## CYLINDERS APPLICATIONS EXAMPLES

CAPACITY [Kg]	TRAVEL [mm]	SPEED [m/s]	CYLINDER TYPE	Ø ROD DIAMETER	MOTOR* [Kw]	PUMP FLOW* [l/min]
250	3500	0.15	HC	70	1.5	16
480	6500	0.52	CS	80	7.7	75
630	9500	0.63	C97	100	11	150
2000	11500	0.40	C97 (tandem)	2 x 130	22	250
800	6500	0.52	2 stages Telescopic	85/2	18.4	180

\*Indicative data, for technical details check the technical catalogue



Hydraulic pump unit for elevators directed towards maximum silence and comfort during travel.

- Easy to set and maintain, body of the block is modular and friendly accessible
- Pit, shaft and cabinet application available with 4 side connection
- Available with NL-S valve with Soft Stop and UCM integrated (in option)
- Up to 600 l/min also available in double version
- Compatible for EN 81.20/50

HM PUMP UNIT							
VALVE TYPE	TANK TYPE	USEFUL CAPACITY [l]	MAX OUTPUT* [kW]	MAX CAPACITY* [l/min]	OVERALL DIMENSIONS [mm]		
					DEPTH	HEIGHT	WIDTH
NL - 210	110/S	65	14.7	150	300	702	700
	135/S	100	14.7	150	300	902	700
	210/S	140	18.4	215	400	810	830
	320/S	220	22	215	460	950	950
	450	310	22	215	700	952	1000
NL - 380	320/S	220	29.4	300	460	950	950
	450	310	36.8	380	700	952	1000
	680	490	36.8	380	800	1002	1250
NL - 600	680	490	58.8	600	800	1002	1250
	900	690	58.8	600	800	1202	1250
	1000	790	58.8	600	800	1302	1250

\*Indicative data, for technical details check the technical catalogue

## INVERTER DRIVE

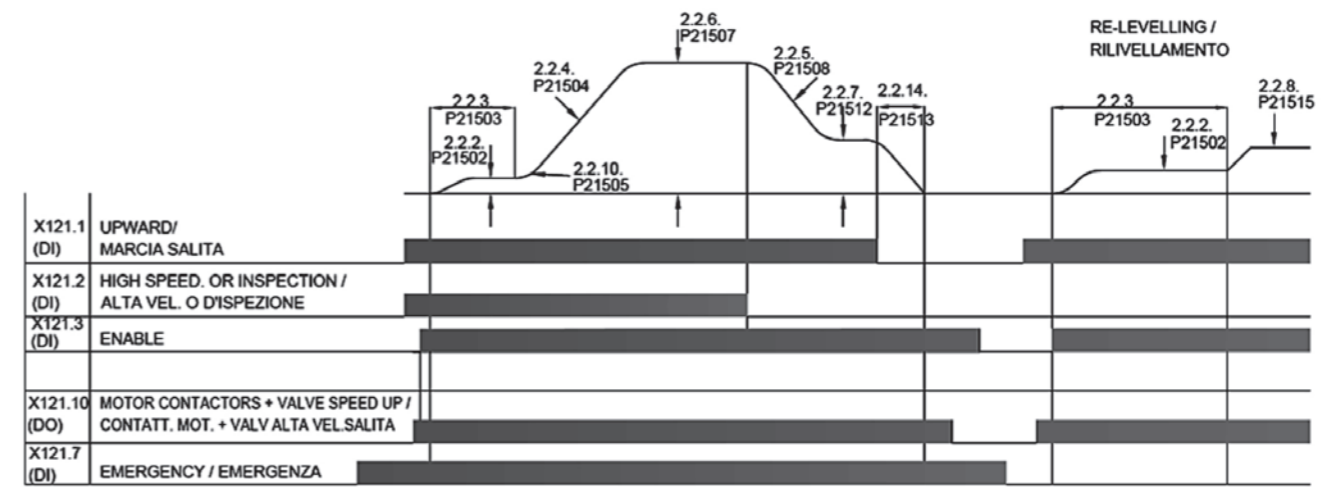


Hydraulic pump unit with inverter (VVVF), ideal solution for new installations and modernizations.

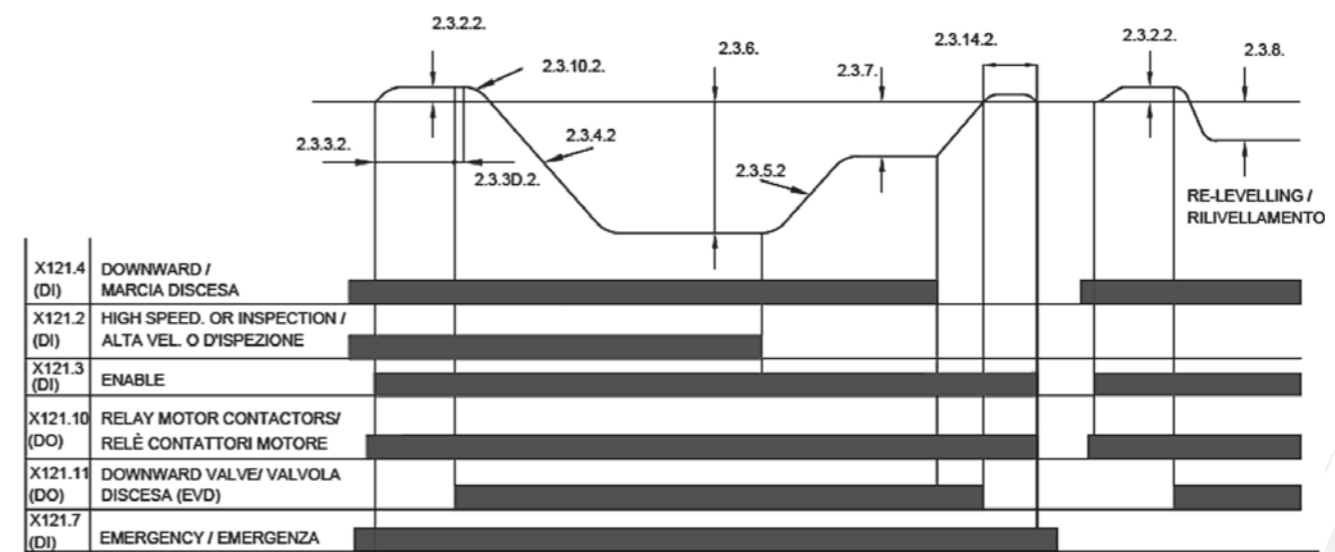
- Precise floor approach independent on the load and temperature
- Up to 1 m/s speed
- Inspection and re-levelling speed are adjustable
- Connectable with remote control system
- Up to a 600 l/min available

Easy interface for configuration and management of inverter PM240-2:

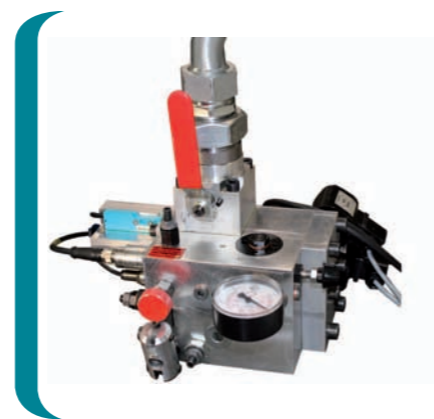
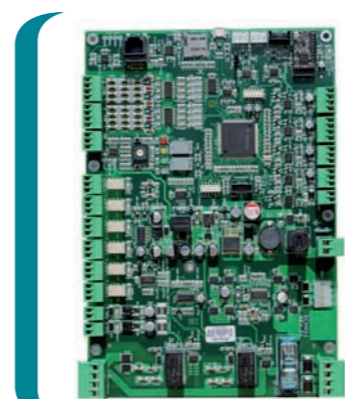
Upward Diagram DI = INPUT / DO = OUTPUT



Downward Diagram DI = INPUT / DO = OUTPUT



\*Indicative data, for technical details check the technical catalogue



OMARLIFT – HEVOS HE: hydraulic pump unit for passenger lifts with electronic valve.

- Electronic control board with Self-learn mode and Wifi connection
- Control panel interface with CANopen (1 master board + 7 slave max)
- Integrated UCM/A3 device monitoring
- Do not need encoder in the shaft
- Totally programmable by smartphone with:  
OMARLIFT HEVOS – HE App

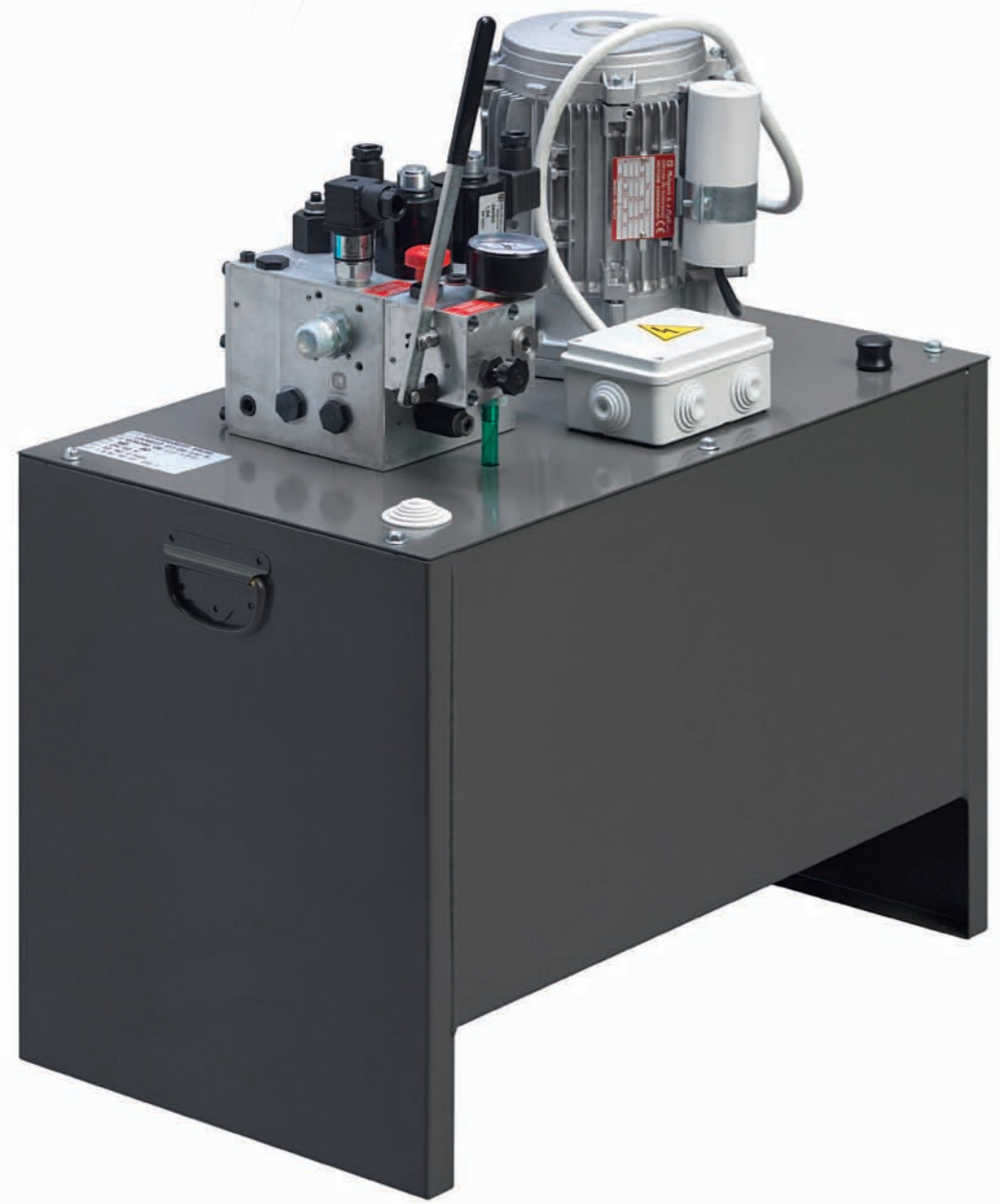


Self-learn mode: after the activation, the control board recalculates the time and the main valve opening curve allowing the optimization of deceleration distance and stop, independently of the load and temperature conditions.



### HEVOS HE E-DRIVE CONTROL SYSTEM

VALVE TYPE	MAX CAPACITY [l/min]	PRESSURE RANGE [bar]
250	30 - 250	10 - 45
650	300 - 600	10 - 45



- Eco Dry Solution



### Low energy consumption.

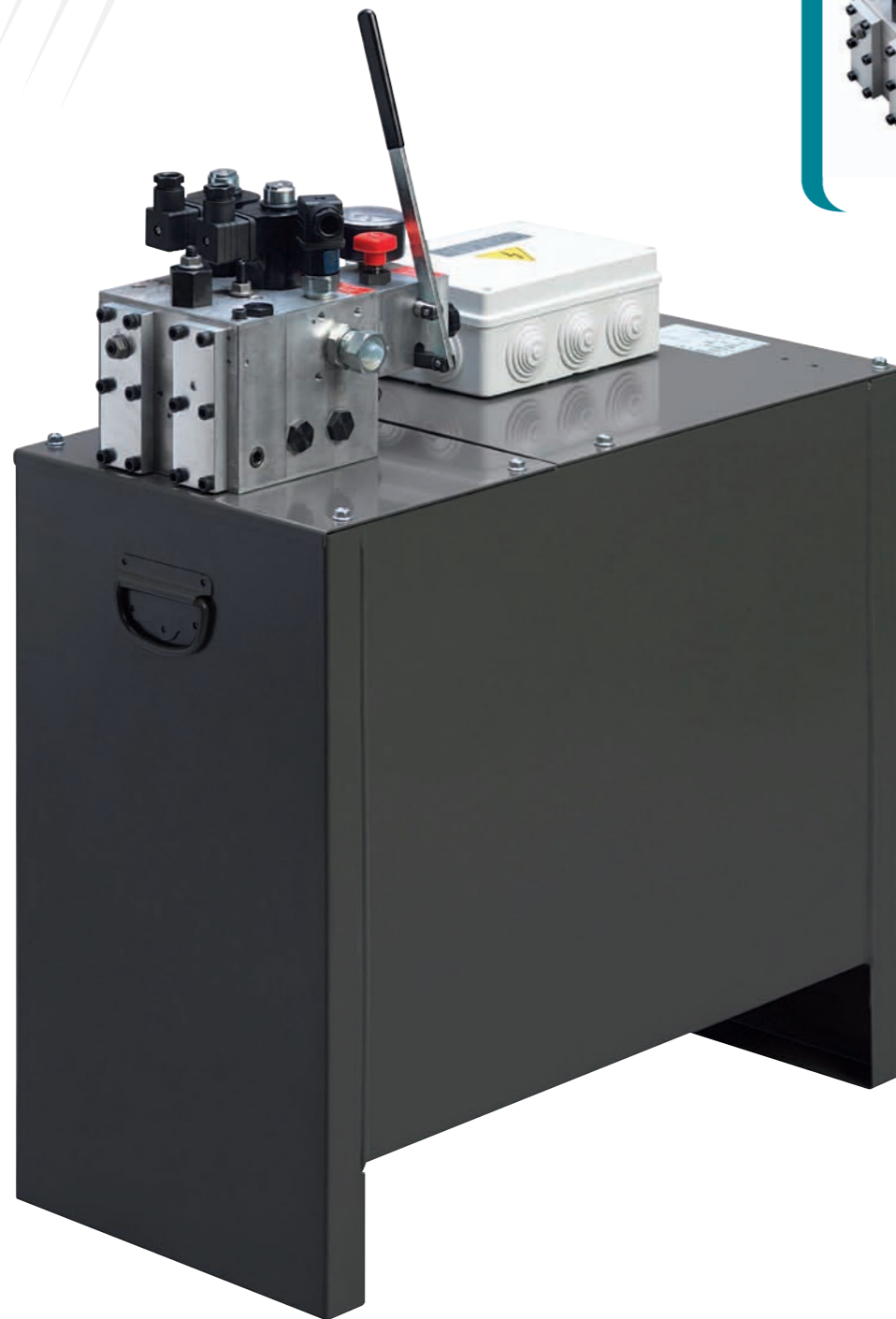
- Low energy consumption and low quantity of oil
- Easy access to the external motor
- Available between 1 (up to 27 l/min) or 2 speed, with single or three phase 50/60 Hz dry electrical motors
- Eco dry version with Settima Continuum® pump for high efficiency and low consumption
- Compatible for EN 81.41 (optional)

### HOMELIFT HC AND ECO DRY AIR COOLED

MODEL	USEFUL CAPACITY [l]	MAX OUTPUT* [kW]	MAX CAPACITY* [l/min]	DEPTH	HEIGHT	WIDTH
C40	29	2.9	27	350	352	600
C50	41	2.9	27	350	405	600
C50 (ECODRY)	41	3.7	42	350	405	600

\*Indicative data, for technical details check the technical catalogue





Homelift HC pump unit with submerged motor ensure comfort and silence.

- More consecutive travel than the air cooled motor
- Available between 1 (up to 27 l/min) or 2 speed, with single or three phase 50/60 Hz submerged motors
- Maximum low noise
- Available HDU device
- Compatible for EN 81.41 (optional)

### HOMELIFT SUBMERGED MOTOR

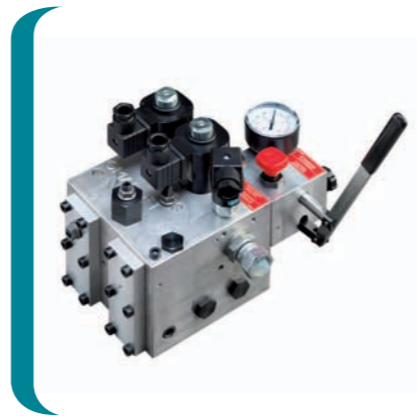
MODEL	USABLE VOLUME [l]	MAX OUTPUT* [kW]	MAX CAPACITY* [l/min]	DEPTH	HEIGHT	WIDTH
40	18	2.2	27	300	330	500
50/S	23	2.2	27	250	500	550
60/S	34	3.3	35	300	525	600
90/S	51	3.3	35	300	702	540
110/S	65	3.3	35	300	702	700

\*Indicative data, for technical details check the technical catalogue



**Neat design ideal for panoramic installation.**

- Special application for no-space installation
- Easy accessible motor
- Provided with Settima continuum® pump
- Remote hand pump for emergency operation
- Available HDU device (door lock option)



### HDU Valve against unintended car movement (UCM)

- Available for flow rate up to 600 l/min
- In according to EN 81.2 / 81.20-50
- Can also be installed on (stand-alone version) non OMARLIFT pump units
- Certified TÜV SÜD EN 81-2 81-20/50

OMARLIFT S.r.l. - Italy F.lli Kennedy, 22/D - 24060 Bagnatica	
Tipo HDU / Type HDU	HDU 600
Matricola imp. / Job Nr.	324634-02
Data / Date	07-set-15
Portata / Flow range	600 l/min
Pressione stat. max. / Max.stat. press.	45 bar
LD 95/16/EC	0036
	LD 2014/33 EU
	CE
	EU-UCM 021



### Rupture valve

- Available for flow rate up to 600 l/min
- Available in different versions (3/4", 1" 1/4, 1" 1/2, 2")
- Certified by TÜV SÜD

OMARLIFT S.r.l. - Italy F.lli Kennedy, 22/D - 24060 Bagnatica	
Tipo VP / Type VP	VP 112-118
Data / Date	07-set-15
Matricola imp. / Job Nr.	324634-02
Flusso intervento / Tripping flow	599 l/min
Portata / Flow range	500 - 600 l/min
Pressione stat. max. / Max.stat. press.	80 bar
LD 95/16/EC	0036
	LD 2014/33 EU
	CE
	ALBV 005
	EU-RV 005



SCILIAR



STELVIO



ETNA



RESEGONE

Gearless motors are for MRL system and machine rooms.

- All the motors are three phase 380V standard and single phase 220V on request
- Disc brake DC 205V
- With 1.6 m/s motors speed, request an offer for car travel higher than 95m

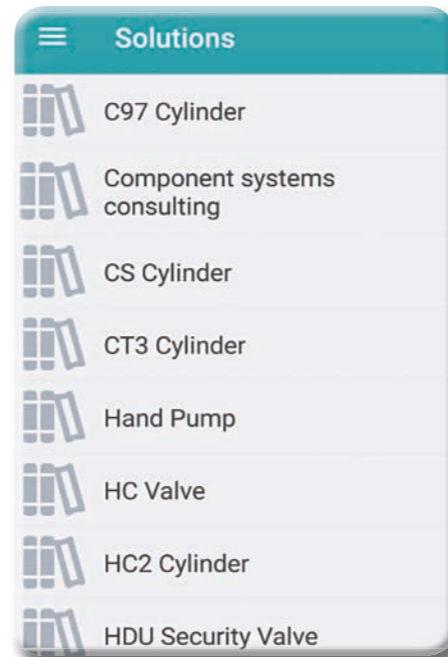
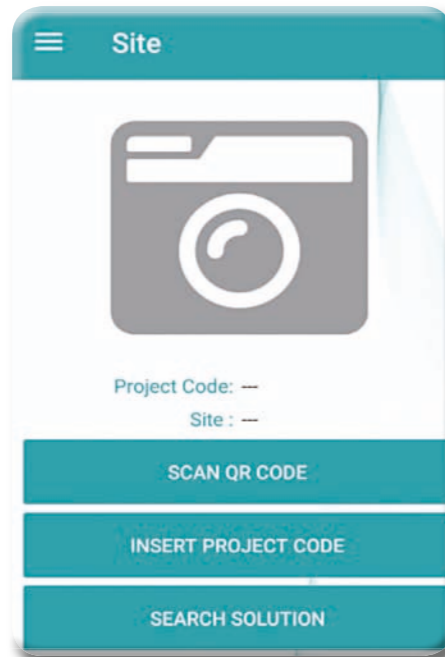
MODEL	CAPACITY [Kg]	ROPING	Ø SHEAVE [mm]	ROPES	SPEED [m/s]	RATED OUTPUT [kW]	RATED CURRENT [A]	POLES	TORQUE N.m	FREQU. [hz]
STELVIO	480	2:1	240	5xØ6.5x10	1.0	3.00	8	20	180	26.4
	480	2:1	240	5xØ6.5x10	1.6	4.80	13	20	240	42.2
	630	2:1	240	6xØ6.5x10	1.0	4.20	10	20	270	26.4
	630	2:1	240	6xØ6.5x10	1.6	6.70	17	20	270	42.2
	800	2:1	240	8xØ6.5x10	1.0	5.30	12	20	340	26.4
SCILIAR	400	2:1	240	3xØ8x12	0.5	1.40	10	20	160	13.3
	480	2:1	320	4xØ8x12	1.0	3.00	8	20	240	19.9
	480	2:1	320	4xØ8x12	1.6	4.80	13	20	240	31.8
	630	2:1	320	5xØ8x12	1.0	4.20	10	20	337	19.9
	630	2:1	320	5xØ8x12	1.6	6.70	17	20	337	31.8
ETNA	800	2:1	320	6xØ8x12	1.0	5.30	12	20	428	19.9
	1000	2:1	320	6xØ8x12	1.0	6.60	15	20	536	19.9
	1250	2:1	320	8xØ8x12	1.0	8.40	20	20	669	19.9
	1600	2:1	320	10xØ8x12	1.0	10.70	26	20	857	19.9
RESEGONE	1000	2:1	480	5xØ10x16	1.0	6.60	15	20	665	23.8
	1250	2:1	480	6xØ10x16	1.0	8.70	20	20	886	15.9
	1600	2:1	480	8xØ10x16	1.0	11.10	26	20	1108	15.9
	2000	2:1	480	6xØ12x18	1.0	13.10	32	20	1570	13.3
	2500	2:1	480	7xØ12x18	1.0	15.90	39	20	1904	13.3

\*Indicative data, for technical details check the technical catalogue

## SERVICES

Always update

- Customer Portal with automated tracking service and state of goods updating
- Calculation software and Online Spare parts store
- Automated system for management technical assistance ticket
- OMARLIFT Mobile App, with help solutions to the most frequent problems:



## APPLICATIONS

### Mechanical Packages

- Composed by car frame, guides e accessories for hydraulic and gearless installations
- 1:1, 2:1, 4:1 Applications
  - Hydraulic for single or double piston, gearless for MRL system and machine room
  - Homelift with reduced pit, lift, goods lift and special installation
  - Available hydraulic solutions for installation without machine room or with pit / shaft



HYDRAULIC INSTALLATION



HYDRAULIC INSTALLATION



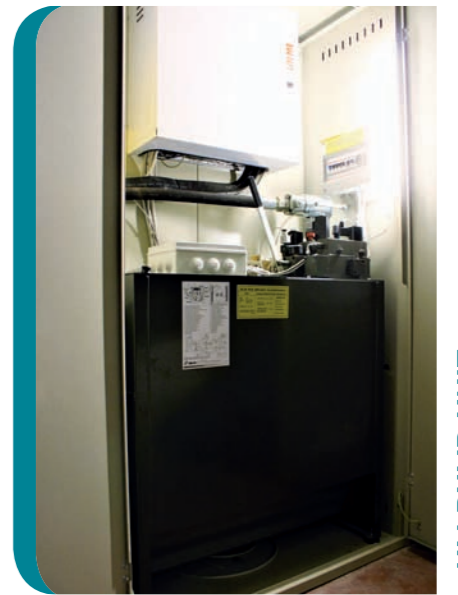
HYDRAULIC INSTALLATION



HYDRAULIC INSTALLATION GUIDES



SHAFT VIEW CABIN



HM PUMP UNIT



PANORAMIC GEARLESS INSTALLATION



PANORAMIC GEARLESS INSTALLATION



PANORAMIC GEARLESS INSTALLATION