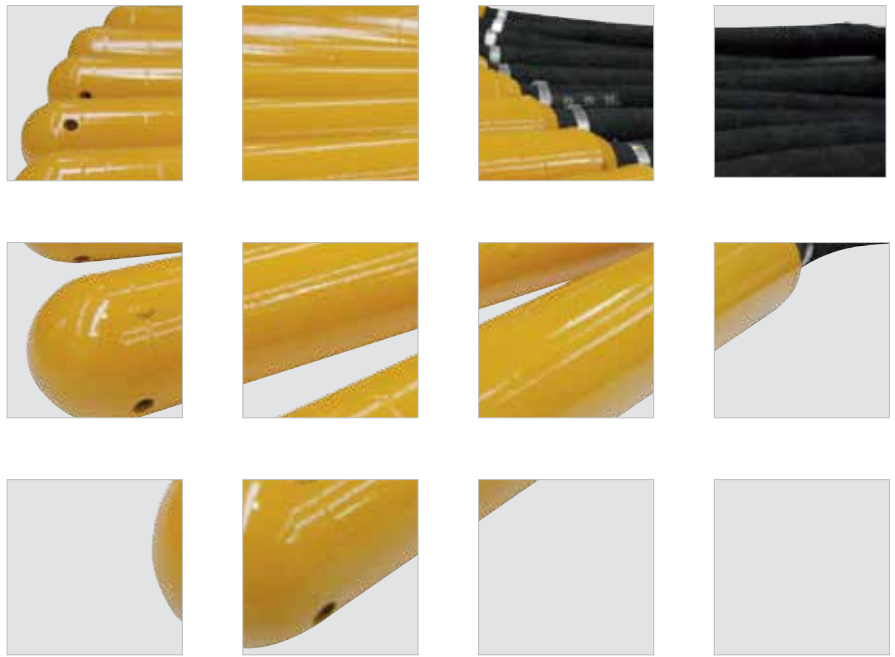


CONCRETE CONSOLIDATION



THE WORLDWIDE LEADER IN VIBRATION TECHNOLOGY





SINCE 1961

Our history
in **CONCRETE CONSOLIDATION**
has solid foundations.



OLI



OUR PRODUCTS

No voids

Reduced
working time

Maximum density

**MAXIMUM
CONCRETE STRENGTH**

VHN and VHP (the professional line) are electrical high frequency internal electric vibrators for the concrete compaction.

The professional line (VHP) develops higher centrifugal forces and the shaft is built with four bearings for extra-heavy-duty working requirements.

All of the models are characterised by their high performance, constant speed and a remarkable resistance to abrasion.



Community Directives and subsequent modifications:
2006/42/CE 2004/108/CE 2006/95/CE

Conformity verified according to the standard documents:
CEI EN 60745-1

KEY FEATURES

- Equipped with 10 metres electric cable and 5 metres internally reinforced working hose.
- Thermal protection.
- IP 68 head protection class.
- Exclusive sealing system.
- Hardening treatment for VHN and chrome plating for VHP.

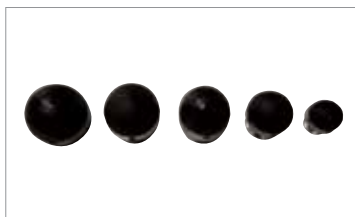
BENEFITS

- No overheating.
- Easy maintenance.
- Long life of the vibration head.
- Perfect water tightness.

OPTIONS



Cast aluminium
ON/OFF switch casing



Rubber tip



VHN SERIES
DIAM. 38, 50, 59



VHP SERIES
DIAM. 50, 59, 65

MAXIMUM
DURABILITY



		VHN38	VHN50	VHN59	VHP50	VHP59	VHP65
Head Ø	[mm]	38	50	59	50	59	65
Head Length	[mm]	404	403	420	468	498	484
Head Weight	[kg]	2.6	4.6	6.8	5.4	8.2	9.6
Total Weight [1]	[kg]	9	13.4	15.6	15.6	17.8	19.8
Centrifugal Force	[N]	1.700	3.080	4.560	3.760	5.640	7.330
Rated Current [2]	[A]	8	10	12	15	17	23
Power (42V)	[kW]	0.5	0.6	0.9	0.9	1.1	1.3
Voltage - Frequency - Speed	42V 3ph, 200Hz, 12,000 vib/min						
Vibrator Needle Head Protection Class	IP 68						

[1] Packaging excluded.
 [2] At full load.

CM Frequency and Voltage Converters are equipped with permanent magnets and have been specifically designed to power the high frequency concrete vibrators continuously.

A new design, high quality materials and innovative solutions ensure this new converter generation high reliability and a total absence of maintenance.

Multiple high frequency concrete vibrators (VHN and VHP) can be connected simultaneously to a single unit, as long as the total power consumption does not exceed the rated current of the converter.



Community Directives and subsequent modifications:
2006/42/CE 2004/108/CE 2006/95/CE

Conformity verified according to the standard documents:
EN 12100-1 EN 12100-2 CEI EN 60745-1

KEY FEATURES

- Overload protection.
- Smooth aluminium body.
- Forced ventilation.

BENEFITS

- No overheating.
- No maintenance.
- Optimal cooling.
- Easy cleaning.

OPTIMUM
COOLING





		CM15M	CM25M	CM25T	CM35T	CM55T	CM85T
Input Voltage	[V]	230V 1ph 50Hz	230V 1ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz
Input Current	[A]	6	10	5	6	9	12
Input Power	[kW]	1.1	1.8	2.8	3.3	5	6.6
Output Voltage - Frequency	[V]	42 V ± 10%, 3ph, 200 Hz					
Output Current	[A]	14	25	25	36	55	85
Output Power	[kVA]	1	1.8	1.8	2.6	4	6.2
Outlets	[N°]	1	2	2	3	3	4
Weight	[kg]	24	34	33	41	45	58
Frame Type	Std	Handle	Frame	Frame	Wheeled	Wheeled	Wheeled
Supply Cable	[m]	3.5	3.5	3.5	5.0	5.0	5.0

COMPATIBILITY TABLE (maximum number of vibrators that can be connected)						
CM15M	1x VHN38	1x VHN50	1x VHN59	–	–	–
CM25M	2x VHN38	2x VHN50	2x VHN59	1x VHP50	1x VHP59	1x VHP65
CM25T	2x VHN38	2x VHN50	2x VHN59	1x VHP50	1x VHP59	1x VHP65
CM35T	3x VHN38	3x VHN50	3x VHN59	2x VHP50	2x VHP59	1x VHP65
CM55T	3x VHN38	3x VHN50	3x VHN59	3x VHP50	3x VHP59	2x VHP65
CM85T	4x VHN38	4x VHN50	4x VHN59	4x VHP50	4x VHP59	3x VHP65

Electric High Frequency concrete vibrators equipped with their own small electronic frequency converter integrated into the power cable suitable for connection to a single phase main power socket.

This product line is characterised by high performance, constant speed and a remarkable resistance to abrasion, which make our vibrators suitable for even extremely dense concrete.

The converter is equipped with protection against overload, over or under voltage, excess temperature and short circuits.



Designed according to the following standards:
IEC 60745-1 IEC 60745-2-12

Directives:
2004/108/EC 2006/95/EC 2006/42/EC

KEY FEATURES

- Ergonomic housing.
- Lightweight (3Kg).
- Tropicalised electronic board.
- IP 68 head protection class.
- Exclusive sealing system.
- Hardening treatment and chrome plating.
- Equipped with 10 metres electric cable and 5 metres internally reinforced working hose.

BENEFITS

- Reliable.
- Safe.
- Easy to handle.
- No overheating.
- Easy maintenance.

OPTION

- Rubber tip



EWO38



EWO50, EWO59, EWO65

**NO-EXCUSE
WARRANTY ON
ELECTRONIC
PANEL**



		EWO 38C	EWO 50C	EWO 59C	EWO 65C
Head Ø	[mm]	38	50	59	65
Head Length	[mm]	404	468	499	484
Head Weight	[kg]	2.4	5.4	8.2	9.4
Total Weight	[kg]	12.2	17.4	20.2	22.4
Centrifugal Force	[N]	1,700	3,760	5,640	7,330
Rated Current	[A]	1.5	2.7	3.0	4.5
Power	[kW]	0.5	0.9	1.0	1.4
Vibrator Needle Head Protection Class	IP 68				

CONVERTER	
Input Voltage	230V +10% -15% 1ph
Input Frequency	50/60Hz ± 5%
Input Amperage	5.5 A



OLI

Solid Foundations

Since 1961 OLI has been committed to delivering market-oriented products. Specialising originally in immersion vibrators for concrete consolidation, in the late 1980s the company started production of electric and pneumatic external vibrators.

Today

OLI is a global player in industrial vibration technology, with six manufacturing plants and seventeen trading subsidiaries.



CHOOSING OLI MEANS

Services you can count on

OLI's approach is based on consultancy, quick response, with a "ex-stock" delivery.

Competent assistance close to OLI customers with worldwide through the Group's own subsidiaries.

Products you can trust

Reliable, Efficient, Safe.

WHEN YOU NEED IT, WHERE YOU NEED IT

THE WORLDWIDE LEADER IN VIBRATION TECHNOLOGY

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OLI Brazil

OLI China

OLI France

OLI Germany

OLI India

OLI Italy

OLI Middle East

OLI Nordic

OLI Romania

OLI Russia

OLI South Africa

OLI Spain

OLI Turkey

OLI UK

OLI USA