



# CONCRETE VIBRATION

**SINCE 1961**

**Our history in concrete consolidation  
has solid foundations.**



# OUR PRODUCTS

Remove any voids

Reduce working time

Maximum density

**MAXIMUM CONCRETE STRENGTH**

# VH Electric High Frequency Internal Vibrators

HIGH  
PERFORMANCE

VHN and VHP (Professional Line) are electrical high frequency concrete vibrators.

The Professional Line develops higher centrifugal forces and the shaft is equipped with four bearings for extra-heavy-duty job requirements.

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



## KEY FEATURES

Equipped with 10 meter electric cable and 5 meter internally reinforced control hose

Thermal protection

Exclusive sealing system

Hardening treatment (VH) and chrome plating (VHP)

## BENEFITS

No overheating

Easy maintenance

Long life of the vibration head

Perfect water tightness



## OPTIONS



Cast aluminium ON/OFF switch housing



Rubber Head



		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]	2,4	4,5	6,8	5,5	7,9	9,1
Total Weight	[kg]	9,2	13,6	15,8	14,6	17	18,1
Centrifugal Force	[N]	1700	3080	4560	3760	5640	7330
Rated Current [1]	[A]	8	11	12	15	17	24
Power (42V)	[kW]	0,5	0,7	1,1	0,8	1,2	1,5
Voltage - Frequency - Speed	42V 3ph, 200Hz, 12000 vib/min						
Vibrator Head Protection Class	IP 68						

[1] At full load.



Frequency and Voltage converters equipped with permanent magnets are suitable for powering high frequency concrete vibrators continuously.

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

Multiple internal vibrators can be connected simultaneously as long as the total power consumption does not exceed the rated current of the converter.



OPTIMAL  
COOLING

### KEY FEATURES

- Overload protection
- Smooth aluminium body
- Forced ventilation

### BENEFITS

- No overheating
- Optimal cooling
- Easy cleaning



		CM15M	CM25M	CM25T	CM35T	CM55T	CM85T
<b>Input Voltage</b>	[V]	230V 1ph 50Hz	230V 1ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz	400V 3ph 50Hz
<b>Input Current</b>	[A]	6	10	4	5	8	12
<b>Input Power</b>	[kW]	1,1	1,8	2,2	2,8	4,4	6,6
<b>Output Voltage - Frequency</b>	[V]	42 V $\pm$ 10%, 3ph, 200 Hz					
<b>Output Current</b>	[A]	14	25	25	36	55	85
<b>Output Power</b>	[kVA]	1	1,8	1,8	2,6	4	6,2
<b>Outlets</b>	[N°]	1	2	2	3	3	4
<b>Weight</b>	[kg]	24	32	32	55	63	80
<b>Frame Type</b>	Std	Handle	Frame	Frame	Wheeled	Wheeled	Wheeled
<b>Supply Cable</b>	[m]	3,5	3,5	3,5	5	5	5

COMPATIBILITY TABLE (Maximum number of vibrators that can be connected)						
<b>CM15M</b>	1x VHN38	1x VHN50	1x VHN59	—	—	—
<b>CM25M</b>	2x VHN38	2x VHN50	2x VHN59	1x VHP50	1x VHP59	1x VHP65
<b>CM25T</b>	2x VHN38	2x VHN50	2x VHN59	1x VHP50	1x VHP59	1x VHP65
<b>CM35T</b>	3x VHN38	3x VHN50	3x VHN59	2x VHP50	2x VHP59	1x VHP65
<b>CM55T</b>	3x VHN38	3x VHN50	3x VHN59	3x VHP50	3x VHP59	2x VHP65
<b>CM85T</b>	4x VHN38	4x VHN50	4x VHN59	4x VHP50	4x VHP59	3x VHP65

## EW0 High Frequency Internal Vibrators with built-in converter

COMPACT  
SOLUTION

Electric High Frequency Concrete Vibrators equipped with small electronic frequency converter integrated in the power cable, suitable to be connected directly to any single-phase mains power socket.

This product line is characterized by a high performance, constant speed of the motor and remarkable resistance to the wear, that make them suitable for all types of concrete, even the most dense.

The converter is equipped with protection against overload, over and undervoltage, over temperature and short circuit.

Designed according the following norms IEC 60745-1, IEC 60745-2-12 and the Directive 2004/108/EC\_2006/95/EC\_2006/42/EC.



### KEY FEATURES

- Ergonomic housing and lightweight (only 3Kg)
- Tropicalized electronic board
- Exclusive sealing system
- Hardening treatment and chrome plating
- Equipped with 10 meter electric cable and 5 meter internally reinforced control hose

### BENEFITS

- Reliable
- Safe
- Easy handling

### OPTIONS

- Rubber Head

NO EXCUSE  
WARRANTY ON  
ELECTRONIC  
BOARD





		EW0 38C	EW0 50C	EW0 59C	EW0 65C
Head Ø	[mm]	38	50	59	65
Head Length	[mm]	404	468	499	484
Head Weight	[kg]	2,2	5,5	7,9	9,1
Total Weight	[kg]	12,4	17,6	20	21,1
Centrifugal Force	[N]	1700	3760	5640	7330
Rated Current	[A]	1,5	2,7	3	4,5
Power	[kW]	0,5	0,9	1	1,4
Vibrator Head Protection Class	IP 68				

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



# 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 1980's the company began the production of electrical and pneumatic external vibrators.

## **Nowadays**

OLI is a truly global player in industrial vibration technology, with six Manufacturing Plants and seventeen Trading Subsidiaries.



# CHOOSE OLI MEANS

## Services you can count on

OLI's approach is based on consultancy, quick response, with a "ready-on-stock" delivery. Competent assistance close to the customers with our worldwide local base.

## Products you can trust

Reliable, Efficient, Safe

The background features several large, abstract yellow geometric shapes. On the left, a large triangle points towards the center. To its right, there are several rectangular and trapezoidal shapes of varying sizes, some of which are nested or adjacent to each other. The overall composition is minimalist and modern.

**WHEN YOU NEED IT, WHERE YOU NEED IT.**