

# CONCRETE VIBRATION



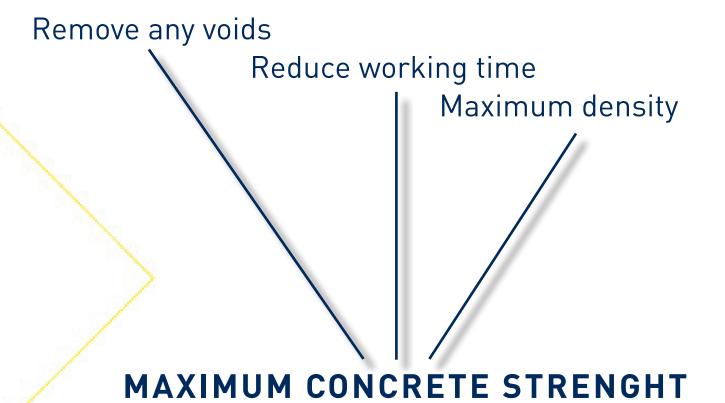


## **SINCE 1961**

Our history in concrete consolidation has solid foundations.



## **OUR PRODUCTS**





### VH Electric High Frequency Internal Vibrators



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 extraheavy-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**

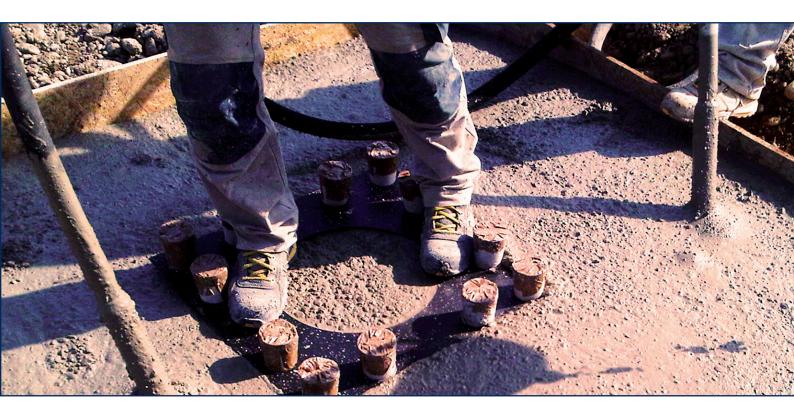


Cast aluminium ON/OFF switch housing



Rubber Head





		VHN38	VHN50	VHN59	VHP50	VHP59	VHP65
Head Ø	[mm]	38	50	59	50	59	65
Head Lenght	[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.



## **CM** Frequency and Voltage Converters



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

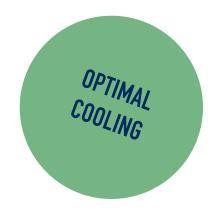
A new design, high quality materials and innovative construction solutions ensure this new generation high reliability and a total absence of maintenance.

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









#### **KEY FEATURES**

Overload protection

Smooth alluminium body

Forced ventilation

#### **BENEFITS**

No overheating

Optimal cooling

Easy cleaning



		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	4	5	8	12
Input Power	[kW]	1,1	1,8	2,2	2,8	4,4	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	32	32	55	63	80
Frame Type	Std	Handle	Frame	Frame	Wheeled	Wheeled	Wheeled
Supply Cable	[m]	3,5	3,5	3,5	5	5	5

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	



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



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





		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





## 0LI

### 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 begun 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 assistence close to the customers with our worldwide local base.

## Products you can trust

Reliable, Efficient, Safe

