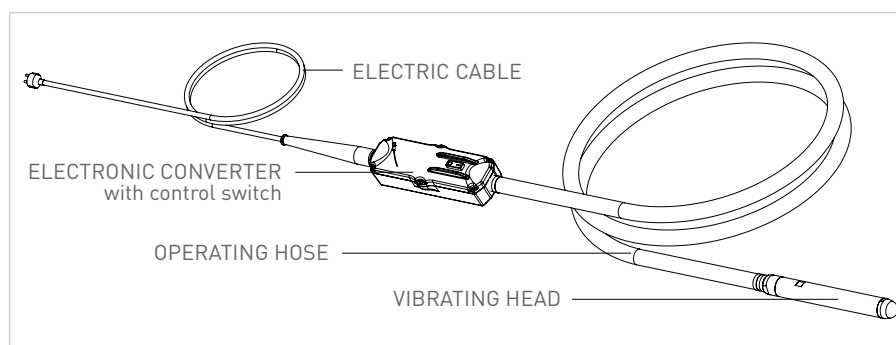




EWO - High frequency internal vibrators with built-in converter



		EW038C	EW050C	EW059C	EW065C
Head diameter	[mm]	38	50	59	65
Head length	[mm]	404	468	499	484
Head weight	[kg]	2.6	5.4	8.2	9.4
Operating weight	[kg]	12.2	17.4	20.2	22.4
Centrifugal force	[N]	1.700	3.760	5.640	7.330
Rated current [1]	[A]	1.5	2.7	3.0	4.5
Action diameter [2]	[mm]	45	70	90	110
Amplitude	[mm]	1.8	2.1	2.4	2.6
Power	[kW]	0.5	0.9	3.0	4.5
Input amperage converter	[A]	6	10	5	6
Compaction power [3]	[m³/h]	20	40	45	50

[1] Refer to centrifugal force for amperage assessment

[2] [3] Measurements vary according to concrete quality and thickness

EWO - HIGH FREQUENCY INTERNAL VIBRATORS WITH BUILT-IN CONVERTER

APPLICATION	Concrete consolidation
DESCRIPTION	Equipped with small electronic frequency converters integrated into the supply cable, characterised by high centrifugal forces, constant speeds and high wear resistance. Suitable for all concrete even the most consistent with continuous use.

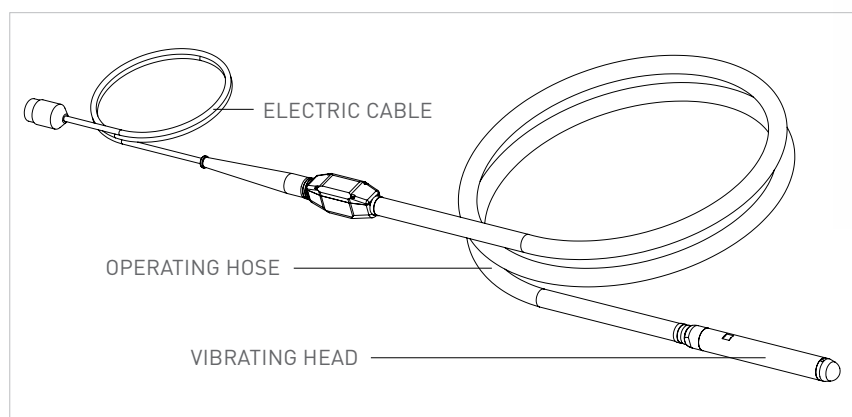
FEATURES

DUTY CYCLE	Continuous
INPUT	230V + 10% - 15% 50/60 Hz -1 ph
NOMINAL FREQUENCY	12.000 vpm
INSULATION CLASS	F (T° max = 155°C)
PROTECTION CLASS	Head protection IP68 Converter protection IP66 The inverter is protected against overload, overvoltage, excess temperature and short circuit. A LED light shows the presence of a fault.
THERMAL SWITCHES	Inside the stator (T° max =150°C)
WORKING TEMPERATURE	From -20°C to +40°C
HEAD	Equipped with 4 ball bearings greased for life Hardening treathment (EW038C), chrome plating (EW050C, EW059C, EW065C)
SWITCH BUILT-IN	Complete with reinforced gasket
PROTECTION HOSE	5m SBR rubber hose with textile reinforcement
SUPPLY CABLE	10m neoprene electric cable H07RN-F with SCHUKO 220V 2P+1T 16A plug
CONVERTER	Sturdy aluminum box, Ergonomic and lightweight (3 Kg)
INVERTER	Tropicalised and protected against vibration, moisture and shocks with a special resin
FINISHING	Painted orange RAL 1007 (EW038C) and chrome plating (EW050C - EW059C - EW065C)
CERTIFICATIONS	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, CEI EN 60745-2-12, UNI EN ISO 12100
OPTIONS	Rubber cap





VH - Electric high frequency internal vibrators



		VHN38	VHN50	VHN59	VHP50	VHP59	VHP65
Head diameter	[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
Operating weight	[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 [1]	[A]	8	10	12	15	17	23
Rated power [42V]	[kW]	0.5	0.6	0.9	0.9	1.1	1.3
Action diameter [2]	[cm]	45	60	80	70	90	110
Amplitude	[mm]	1.8	2	2.3	2.1	2.4	2.6
Noise level	[Db A]	70	76	76	76	79	79
Compaction power [3]	[m³/h]	20	25	35	40	45	50

[1] Refer to centrifugal force for amperage assessment

[2] [3] Measurements vary according to concrete quality and thickness

VH - ELECTRIC HIGH FREQUENCY INTERNAL VIBRATORS

APPLICATION	Concrete consolidation
DESCRIPTION	High frequency internal electric vibrators for concrete consolidation characterised by high performances, consistent speed and remarkable resistant to abrasion.

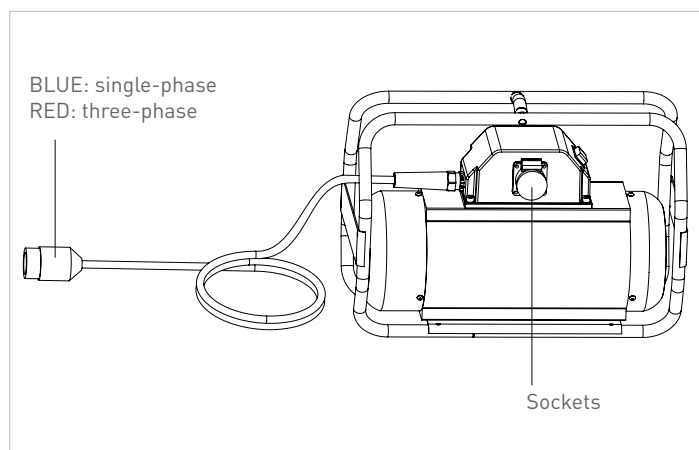
FEATURES

DUTY CYCLE	Continuous
INPUT	42V-3ph - 200Hz
NOMINAL FREQUENCY	12.000 vpm
INSULATION CLASS	F (T° max = 155°C)
THERMAL SWITCHES	Inside the stator. Max T°C = 150°C
WORKING TEMPERATURE	From -20°C to +40°C
HEAD	Equipped with ball bearings greased for life. 2 bearings (VH50_VHN59), 4 bearings (VHN38 and complete VHP range) Protection class IP68 Hardening treatment for VHN and chrome plating for VHP
SWITCH BOX	Polyamide (nylon +30% fiber glass) with gasket, cable protection, yellow colour IP66 protection Designed for continuous use and resistant to wear and tear
OPERATING HOSE	5m SBR rubber hose with inner textile reinforcement
SUPPLY CABLE	10m neoprene electric cable H07RN-F with 3 pin plug (42V - 3 phase, IP44)
FINISHING	Painted orange Ral 1007 (VHN), chromed (VHP)
CERTIFICATIONS	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, CEI EN 60745-2-12, UNI EN ISO12100
OPTIONS	Aluminium switch box Rubber cap





CM - Frequency and voltage converters



		CMM15	CMM25	CMT25	CMT35	CMT55	CMT85
Input voltage	[V]	230V, 1ph, 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]	42V \pm 10%, 3ph, 200Hz					
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		Wheeled		
Supply electric cable	[m]	3.5	3.5	3.5	5.0	5.0	5.0

CM - FREQUENCY AND VOLTAGE CONVERTERS

APPLICATION	Concrete consolidation
DESCRIPTION	Frequency and voltage converters equipped with permanent magnets, specifically designed to power high frequency concrete vibrators continuously.

FEATURES

DUTY CYCLE	Continuous
INSULATION CLASS	F (T° Max = 155°C)
PROTECTION	Overload protection
WORKING TEMPERATURE	From -20°C to +40°C
CONNECTION BOX	Polyamide (nylon + 30% fibre glass), complete with switch and sockets (42V three phase, IP44 protection)
SUPPLY CABLE	Neoprene electric cable H07RN-F with plug
FINISHING	Powder coating (body orange Ral 1007; fan covers, wheels and frame black Ral 9007)
CERTIFICATIONS	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, UNI EN ISO 12100
MORE	Smooth and robust aluminium body Forced ventilation

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