

# Concrete Equipment...

offers a complete range of concrete equipment including :

An extensive range of Mechanical drive pokers, electric portable pokers, electric high frequency and pneumatically driven pokers.

offers a choice of beams and screeds to vibrate, compact and level concrete including walk behind screeds, double beams and modular screed systems as well as roller strikers.

also offers a range of trowels from 600 mm to 1200 mm together with hand tools and accessories.



Concrete poker vibrators



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# Megavib +

MEGAVIB + 型



## Portable electric poker 可攜帶型電動振動棒

A **high frequency** hand held poker system comprising interchangeable drives, flexible shafts and poker heads. Giving portable performance, ideal for small volumes of concrete.

**110**  
**230**



### ADVANTAGES

**Flexible Shaft:** Reinforced hose ends

**Electric Drive Unit :** Lightweight power - Double insulated

Concreting

Ref	Model	Power (v - kW)	Lenght (m)	Vibration amplitude (mm)	Action diameter (mm)	Force Output (N)	Speed rotation (rpm)	Weight (kg)
36, 48 or 57mm Megavib+ complete = Drive Unit + Flexible Shaft + Poker Head								
26mm Megavib+ complete = Drive Unit + Shaft/Head assembly								
<b>Electric Drive Unit</b>								
244/00100	Megavib+	110 - 1.6						6
244/00200	Megavib+	230 - 2.3 (Schuko plug - 2 pin european)						6
244/00300	Megavib+	230 - 2.3 (CEE 16A plug - 3 pin industrial)						6
<b>Flexible Shaft</b>								
244/00400	Megavib+ Flexible Shaft		2	for 36, 48 & 57mm poker heads				4
244/00500	Megavib+ Flexible Shaft		3	for 36, 48 & 57mm poker heads				5
244/00600	Megavib+ Flexible Shaft		4	for 36, 48 & 57mm poker heads				6
<b>Poker Head</b>								
244/00700	Megavib+ 36mm (1 1/2")		-	1.32	288	1750	12000	1.9
244/00800	Megavib+ 48mm (1 7/8")		-	1.84	400	5250	12000	3.6
244/00900	Megavib+ 57mm (2 1/4")		-	1.98	456	7400	12000	4.1
<b>Shaft/Head assembly 26mm</b>								
244/01000	Megavib+ 26mm (1")		2	1.25	208	910	12000	5.6
244/01100	Megavib+ 26mm (1")		3	1.25	208	910	12000	6.6
244/01200	Megavib+ 26mm (1")		4	1.25	208	910	12000	7.6



# VIBRATRONIC 高頻率

## 高頻率振動棒附有變頻器

### Vibratronic high frequency pokers with inbuilt inverter

Smallest electronic converter box in the market Vibratronic has been intensively tested under severe site and climate conditions.

**110**  
**230**



#### ADVANTAGES

- **Outstanding performance:** High compacting rate, reliable in operation, even under toughest site conditions. The motor speed remains constant no matter what the the properties of the freshly mixed concrete. Vibratronic provides maximum compaction diameter and compaction performance.
- **Simply plug in:** suitable for either 230V-1-50/60 Hz or for 110V-1-50/60 Hz. The converter is an integral part of the switch box.
- **Compact design:** smallest frequency converter on the market. All components are fully protected and moulded into a sturdy but light-weight aluminium box.
- **Flexibility for many applications:** Connection to a single phase electric network with no need for an additional external converter
- **High equipment safety:** (thermal protections, switch protected against hazardous start-ups). All phases are short circuit proof. Progressive start-up controlled by electronic ramp, avoiding peak startup intensities. Can be plugged straight into a standard wall socket.



Concreting

Ref	Model / Diameter (mm)	Power output (Kva)	Vibrations (rpm)	Tube Length (mm)	Frequency (Hz)	Centrifugal Force (N)	Rated Current (A)	Total overall Weight (kg)
BHF01	Vibratronic 35 - 110V	1.8	12000	283	200	750	7.8	9.5
BHF04	Vibratronic 35 - 230V	1.8	12000	283	200	750	7.8	9.5
BHF02	Vibratronic 51 - 110V	1.8	12000	294	200	2500	7.8	14
BHF05	Vibratronic 51 - 230V	1.8	12000	294	200	2500	7.8	14
BHF03	Vibratronic 57 - 110V	1.8	12000	337	200	4000	7.8	15.5
BHF06	Vibratronic 57 - 230V	1.8	12000	337	200	4000	7.8	15.5



# BGN+ / BGN Turbo



## Electric High Frequency Pokers 電動高頻率振動棒

High performance pokers using the latest technology to give safe and reliable performance. A low voltage but high frequency electric supply powers a vibration motor in the poker head.

*A converter is required to adapt the standard mains supply to the right voltage and frequency. For efficiency and reliability BGN pokers should be used with BGF converters.*

### ADVANTAGES

- Safe low voltage (42v) system
- Very low maintenance
- Powerful vibration specification
- High visibility in-line switch
- 10m of cable to the switch
- 5m of abrasion resistant hose to the poker
- Stretchable hydraulic hose
- Can be used with most 42v, 200hz 3 phase supplies  
(Always check that the supply current is sufficient)



### BGN-Turbo added benefits :

- Top of the range electric HF poker vibrator covering the largest sizes of internal vibration for the most extreme conditions and intensive use
- Special designed eccentric mass of heavy steel alloy resulting in centrifugal 40% increased centrifugal force and double amplitude
- 5 metre abrasion resistant 5mm thick reinforced operating hose
- Strong, protected switch box
- 10 metre electric cable with 42v plug, 200hz.

Concreting

Ref	Model	Diameter (mm) - (inch)	Head Length (mm)	Action diameter (mm)	Vibration amplitude (mm)	Centrifugal Force (N)	Supply Current (A)	Weight (kg)
245/00100	BGN+ 35	36 - 1 3/8	280	304	0.98	1390	5	12
245/00200	BGN+ 50	50 - 2	350	416	1.01	3485	7	14
245/00300	BGN+ 60	58 - 2 5/16	380	480	1.12	5165	8.5	15
245/00400	BGN+ 70	65 - 2 9/16	394	520	1.11	6670	13.2	18
245/00800	BGN 52 Turbo	52 - 2	382	520	1.02	3815	12.5	14
245/00500	BGN 58 Turbo	58 - 2 5/16	410	580	1.09	5520	13.5	16
245/00600	BGN 65 Turbo	65 - 2 9/16	425	650	1.13	7275	15.5	18
245/00700	BGN 75 Turbo	75 - 3	430	750	1.22	8460	17	21





## High Frequency Converters 高頻率變換器

The most advanced converters available. A fully electronic design eliminates all common converter problems. All the electronic components are fully protected electrically and mechanically to make the BGF extremely reliable.

5 models are available to power BGN pokers or other 42v 200Hz 3 phase equipment.



### ADVANTAGES

- Provides safe 42v 200Hz 3ph Electric supply
- Zero maintenance required
- Protected by a tubular steel frame
- Compatible with 50 or 60Hz supply
- Adjustable output frequency
- Full technical support available

### BGF 24

- 230v Single phase input with two outlet sockets 42v
- 1.5 (kva) - Protection index IP 44
- Operating temperature: -10°C to +90°C

### BGF24T

- 400v Three phase input with two outlet sockets 42V
- 1.5 (kv A) - Protection index IP 44
- Operating temperature: -10°C to +90°C

### BGF 28M

- 230v Single phase input with two outlet sockets 42V
- 2 (kv A) - Protection index IP 65 -
- Operating temperature -20°C to +40°C

### BGF 28T

- 400v Three phase input with two outlet sockets 42V
- 2 (kv A) - Protection index IP 65
- Operating temperature: -20°C to +40°C

### BGF 74

- 400v Three phase input with four outlet sockets 42V
- Complete with transport wheels and handle
- 5 (kv A) - Protection index IP 65 - Operating temperature: -20°C to +40°C

Select the correct model to ensure output current is greater than the anticipated load.



Concreting

Ref	Model	Supply Input		No. of Output Sockets	Output Current (A)	Dimensions (mm)			Weight (kg)
		(V)	Phase			W	H	L	
112.9.903	BGF 24 Frequency converter	230	1	2	21	270	385	525	32
112.9.904	BGF 24T Frequency converter	400	3	2	21	270	385	525	32
112.9.900	BGF 28M Frequency converter	230	1	2	28	400	500	500	25
112.9.901	BGF 28T Frequency converter	400	3	2	28	400	500	500	25
112.9.902	BGF 74 Frequency converter	400	3	4	65	450	600	550	42



## Mechanical poker 機械式振動棒

Flexible shaft poker Vibrators for high vibration power in concrete and designed to meet the toughest site conditions.

Available with a wide range of diameters from 25 to 68mm

HONDA



LOMBARDINI



### ADVANTAGES

- Single-piece rotating pendulum vibrator, generating 12000 rpm.
- Designed to the highest quality standard for long and trouble free working life.
- Over 5 metres of flexible shaft made of special spun steel and steel coil casing hose reinforcement.
- Choice of petrol or diesel power units with compact protective steel frame, easy to move on sites.
- Delivered with a universal Two-Dog drive coupling (compatible with Dynapac and Wacker), also Asian coupling kit available
- No special maintenance needed.

Concreting

Ref	Model	Poker Diameter (mm) (inch)	Head length (mm)	Shaft length (m)	Frequency (Hz)	Amplitude (mm)	Weight (kg)
165.9.000	BGA 25 Flexible Shaft Poker	25 1	295	5	187	0.8	9.5
165.9.001	BGA 35 Flexible Shaft Poker	35 1 3/8	330	5	187	1.2	11.6
165.9.002	BGA 45 Flexible Shaft Poker	45 1 3/4	375	5	187	1.2	16
165.9.003	BGA 55 Flexible Shaft Poker	55 2 3/16	390	5	187	1.2	17
165.9.004	BGA 68 Flexible Shaft Poker	68 2 11/16	410	5	187	1.0	21



### MAINTENANCE KIT P.54

Ref	Power Unit Model	Motor Power (hp / kW)	Engine Speed (rpm)	Dimensions (mm)			Weight (kg)
				W	H	L	
165.9.038	Power Unit Honda GX160 Petrol	5.5 / 4					
165.9.036	Power Unit Robin EX17 Petrol	6 / 4.4	2800	420	520	445	26
165.9.049	Power Unit Lombardini Diesel	4 / 3	2800	430	630	500	38
165.9.034	Power Unit Hatz 1B20 Diesel	4 / 3	2800	430	630	500	43



## Pneumatic poker 氣動振動棒

A range of pokers that include special features to improve reliability and reduce downtime.

### ADVANTAGES

- Twist grip throttle control
- Claw coupling and 4m of air hose included
- Oil feed from the in-line oiler
- Vibration specification for high productivity
- Removable nose cone, on site servicing possible
- Only one wearing part (Tufnol Vane)
- BGP155 for the heaviest duty applications



Ref	Model	Diameter (mm) (inch)		Head Length (mm)	Frequency (rpm)	Amplitude (mm)	Centrifugal Force (N)	Air supply (cfm) (m <sup>3</sup> /min)		Weight (kg)
166.9.021	BGP 27 poker	28	1 1/8	235	21000	1.0	1440	17.7	0.5	4.4
166.9.022	BGP 37 poker	35	1 3/8	288	20000	1.3	1924	21.2	0.6	5.8
166.9.019	BGP 47 poker	45	1 3/4	312	18000	1.7	3500	26.1	0.74	7.6
166.9.017	BGP 57 poker	55	2 3/16	331	18000	2.4	6050	29	0.82	8.7
166.9.020	BGP 67 poker	65	2 1/2	352	17500	2.0	9301	36	1.02	10
166.9.012	BGP 77 poker	75	3	391	16000	1.8	14851	43	1.2	13.9
166.9.018	BGP 87 poker	85	3 5/16	410	15900	2.0	27730	56.5	1.6	19
166.9.016	BGP 107 poker	105	4 1/8	415	15000	3.0	33309	74	2.1	23
166.9.009	BGP 155 poker solid shaft	140	5 1/2	430	12000	3.5	32460	99	2.8	35

Concreting



MAINTENANCE KIT P.54



BGP 155