

## BGP – Pneumatic (Air) Poker Vibrators

When compressed air is available on site, pneumatic pokers are often the most economical solution. The BGP pokers include many advanced features to reduce down time and improve productivity.



Integrated oiler



BGP155 with handles



High quality rotor with  
replaceable impeller



### The BGP – Pneumatic Air Poker Vibrator Features

- In line oiler offers good lubrication to maintain top performance
- On/off twist valve built in for maximum control
- High grade material used for all parts
- Low maintenance and easy servicing
- Large choice of head diametres from 28 to 140mm (1 to 5in)
- Comes complete with 2m (6ft) hose (0.8m solid shaft hose BGP155)
- Special hose lengths upon request up to 6m (18ft) available
- Economical solutions



### BGA Flexible Shaft Pokers

Model		BGA25	BGA35	BGA45	BGA55	BGA68
Diameter	(mm)	25	35	45	55	68
	(in)	1	1½	1¾	2¼	2½
Frequency	(Hz)	187	187	187	187	187
Amplitude	(mm)	0.25	0.25	0.3	0.5	0.7
Weight	(kg)	9.5	11.5	16	17	21
	(lb)	21	26	35	37	46

Boxed Dimensions all models W x H x L: 700 x 100 x 900mm

### BGA Power Units

Model		Honda GX120	Yanmar	Hatz 1B20
Power	(kW/hp)	3/4	3/4	3.5/4.6
Engine Speed	(rpm)	2800	2800	2800
Dimensions	(mm)	445 x 420 x 520	535 x 430 x 545	535 x 430 x 545
	(in)	17.5 x 16.5 x 20.5	21 x 17 x 21.5	21 x 17 x 21.5
Weight	(kg)	24	38	40
	(lb)	53	84	88

Boxed Dimensions (Honda) W x H x L: 470 x 440 x 545mm

Multi-fit 2 dog couplings fit - Errut, Benford, Dynapac, Wacker. Call for details of other options.

### MEGAVIB Poker Heads

Diameter	(mm)	25	38	48	58
	(in)	1	1½	2	2¼
Frequency	(rpm)	14,000	13,500	12,500	12,000
Weight	(kg)	1.6	1.9	3.6	4.1
	(lb)	3.6	4.2	8	9

### MEGAVIB Flexible Shafts

Length	(m)	2	3	4
	(in)	79	118	156
Weight	(kg)	4.0	5.0	6.0
	(lb)	8.8	11	13

Boxed Dimensions W x H x L: 570 x 60 x 780mm

### MEGAVIB Motor Drive Units

Model		115v	230v
Weight	(kg)	4.8	4.8
	(lb)	10.6	10.6
Power	(kW)	1.6	2.3
	(hp)	1.5	3

Boxed Dimensions all models W x H x L: 360 x 170 x 200mm

### BGP Air Pokers

Model		BGP27	BGP37	BGP47	BGP57	BGP67	BGP77	BGP87	BGP107	BGP155
Diameter	(mm)	28	35	45	55	65	75	85	105	140
	(in)	1¼	1¾	1¾	2¼	2½	3	3¼	4¼	5½
Frequency	(Hz)	300	300	283	283	300	300	283	225	167
Amplitude	(mm)	1	1.3	1.7	2.4	2	1.8	2	3	3.5
Weight	(kg)	4.4	6	8	9	10	14	19	23	35
	(lb)	10	13	18	20	22	33	42	51	77
Head Length	(mm)	235	288	312	331	352	391	430	386	430
	(in)	9	11	12	13	14	15	17	15	17
Air Consumption	m³/min	0.5	0.6	0.74	0.82	1.02	1.22	1.6	2.1	2.8
	(cfm)	17	21	26	29	36	43	56	74	99

Boxed Dimensions W x H x L: (BGP27-67: 530 x 110 x 530mm), (BGP77-155: 530 x 220 x 530mm)

### BGN Electric High Frequency Pokers

Model		BGN 35	BGN 50	BGN 60	BGN 70
Diameter	(mm)	35	50	58	65
	(in)	1¼	2	2¼	2½
Current	(A)	8	12	16	22
Frequency	(Hz)	200	200	200	200
Amp	(mm)	0.9	2.8	3.2	4
	(in)	¾	¼	¼	¼
Weight	(kg)	12	14	15	18
	(lb)	26	31	33	40

Boxed Dimensions W x H x L: 760 x 560 x 130

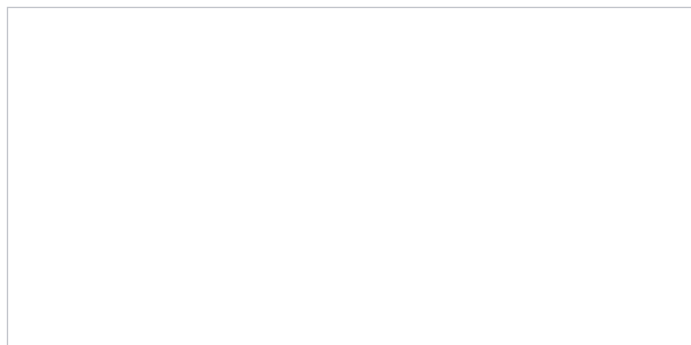
### BGF High Frequency Electric Converters

Model		BGF 28	BGF 28	BGF 74
Type		Electronic	Electronic	Electronic
Input		230V 1ph	230V 3ph	400V 3ph
Output Current	(A)	28	28	74
No. Sockets		2	2	4
Weight	(kg)	25	25	42
	(lb)	53	55	93

Boxed Dimensions W x H x L: 530 x 710 x 920



Additional Concreting Products: Mixers, Trowels, Vibrating Screeds, Floats



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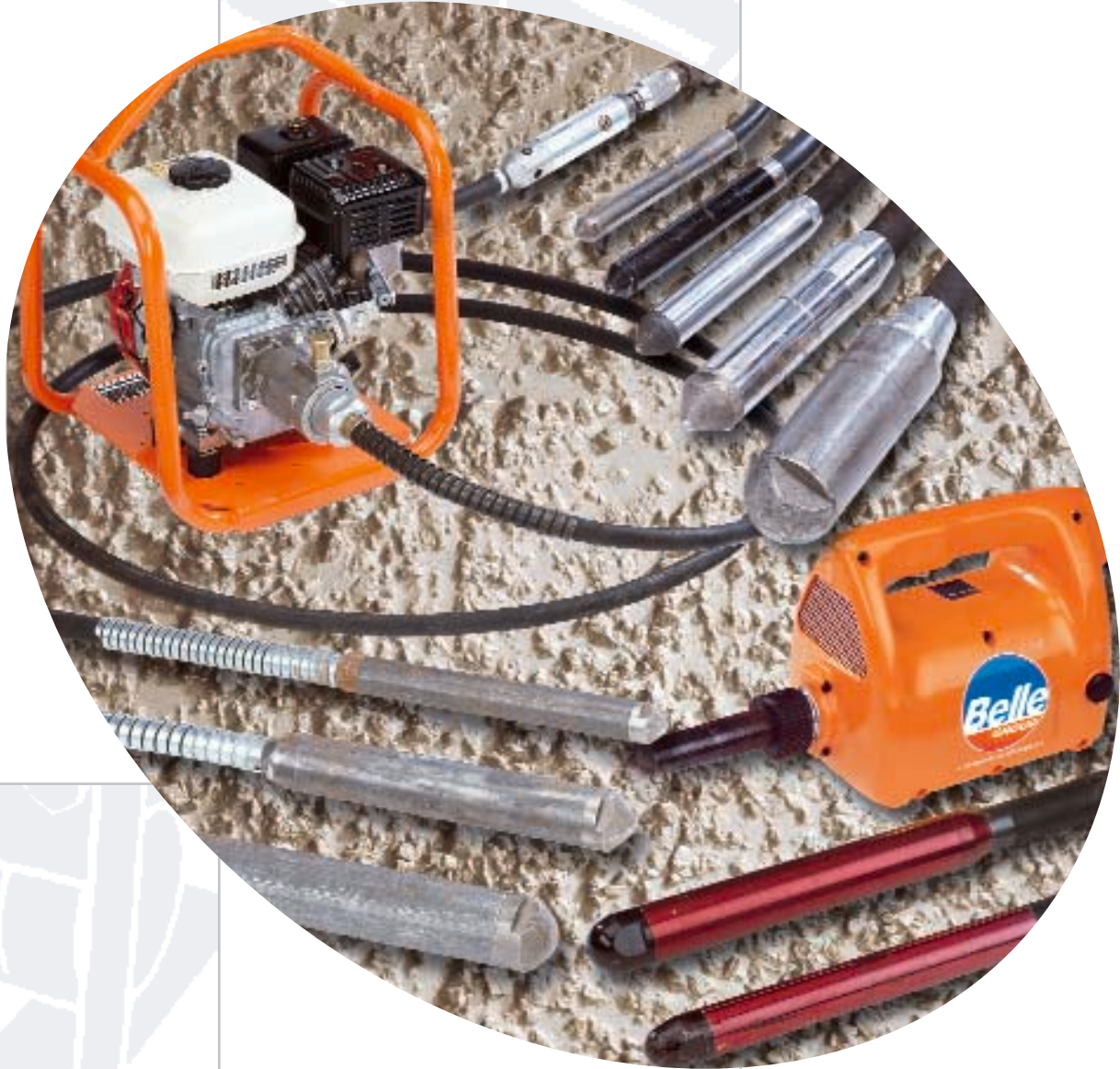
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820-POKER-GB

concreting

concrete poker  
vibrators



# concreting

## First Choice for Concrete Equipment...

Belle Group are experts in concreting technology with over thirty years manufacturing experience.

Offering a comprehensive range of concrete equipment including mixers, vibrating screeds, vibrating floats, hand tools, finishing equipment and trowels.



## Poker Vibrators

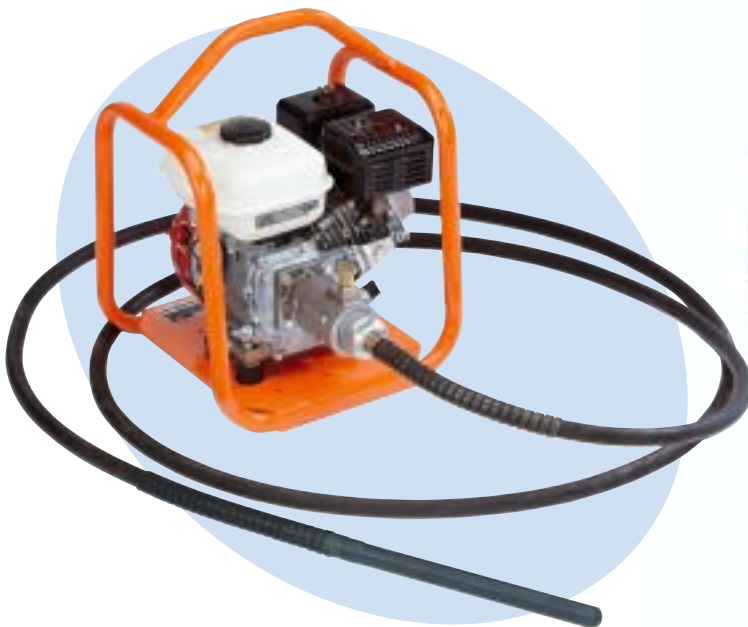
The poker vibrator range from Belle Group includes a variety of types of pokers to suit all types of sites and different concrete applications. Lightweight and portable the whole range offers powerful vibration performance from high specification design and components.

The range includes hand held electric models, flexible shaft driven, pneumatic powered and high frequency low voltage electric for added safety on site.

## The Poker Vibrators Range Features

- Flexible Shaft
- Hand Held Electric
- High Frequency Electric
- Pneumatic



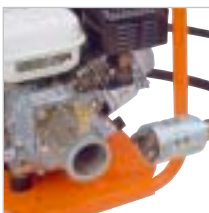


**BGA**



**MEGAVIB**

## BGA – Flexible Shaft Poker Vibrators



Multi-fit drive couplings

BGA Flexible Shaft Pokers are suitable for the widest range of applications.

Flexible shaft pendulum type pokers are powered by petrol or diesel power units. The freedom from external power sources makes this flexible shaft system popular for use on a wide variety of applications.

- Poker Vibrators are available with 5 head diametres
- Complete with 5m of heavy duty reinforced flexible shaft
- Excellent vibration frequency
- Complete with multi-fit 2-dog coupling as standard
- Strong shaft protection with reinforced spiral
- Compact power unit with swivel base option for easy operation
- Good engine protection
- Fully compatible with other makes and models
- Diesel option also available

## MEGAVIB – Handheld Electric Pokers



Easy coupling attachment

A hand held electric drive unit powers the poker head via a flexible drive shaft.

The 'plug in and switch on' convenience of this system makes it ideal for small jobs.

- Extra safe double insulated power unit
- Tough reinforced flexible shafts - 2, 3 or 4m (16, 10 or 12ft)
- Choice of interchangeable head sizes
- Well ventilated reliable motor unit
- Shoulder strap for easier carrying
- Strong, yet lightweight design
- Portable and lightweight



**BGN**



**BGF**

## BGN – Electric High Frequency Poker Vibrators



Safe and strong, highly visible switch

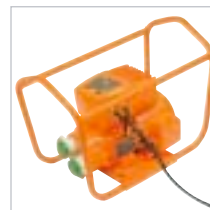
- Large eccentric weight provides high centrifugal force
- Sealed motor in-head poker gives excellent reliability and vibration
- Cable protected with 5m abrasion-resistant hose

BGN Pokers have an electric motor mounted in the head fitted with eccentric weights. A safe low voltage supply (42V) is required from a converter at a frequency of 200Hz to give optimum vibration.

BGN Poker Vibrators are available in 4 sizes, with proven safe and reliable performance. Ideal for the larger, heavy duty sites and applications.

- Ultra safe 42v operation
- Double sealed aluminium switch for added safety
- 10m additional cable with plug for increased working flexibility
- Strong, protected switch box
- Thermal overload prevents over-heating

## BGF – Electronic High Frequency Converters



BGF double outlet converter

- Ultra safe 42v operation
- Detects and adjusts automatically to supply frequency, can accept voltage drop variations on site
- Full overload and short circuit protection

The next generation of converters are totally electronic, brushless with no moving parts for ultimate reliability.

- Powers BGN pokers or other 200Hz 3 phase 42v equipment
- No brushes or bearings to wear out - longer life
- Higher output than conventional converters by 15%
- Multiple sockets - 2 or 4 outlets
- Transport trolley and handle on BGN74
- Frequency adjustment from 200 to 150Hz for precast applications
- Low weight, for easy handling on site
- IP65 providing optimum protection