



**FINE EQUIPMENTS**



## LAP-45 Light Weight Pneumatic Power Trowel

Working Pressure	Capacity Air-Motor	Diameter Disc	Handle	Rotation Speed	Air Consumption	Working Height	Total Weight
6 bar	0.375 kW	450 mm	Extensible (Max 3 meter) 3/4" connection	200 RPM	450l/min	Max 1.6 m	8 kg. (incl. disc)



## K-150 Wet Screeds



Types	Types Drive Unit	Number of Vibrations	Weight (2M)
		per min	KG
K-150E	230V 1-Phase 50 Hz double insulated electric	11.000	9
K-150ER	230V 1-Phase 50 Hz double insulated electric with speed regulator	11.000	9
K-150B	4-stroke Honda petrol engine	8.500	11

## ETL23 Economical Hand Held Poker Vibrator

### Electric Motor

Voltage (AC)	Current (Max)	Frequency	Power	Speed (no load)	Phase	Weight
V	A	Hz	W	RPM		kg
230	6,5	50/60	2300	18.000	1	4.5

### Poker Head

Ø Diameter	Length	Weight	Capacity	Action Zone	Frequency
mm	mm	kg	m <sup>3</sup> /h	(cm)	rpm
25	315	0.8	1.2	20	12.000
38	455	2.5	7.7	7.	12.000
48	495	4.0	13.0	90	12.000
60	575	6.0	15.3	110	12.000



## P14E Electric Portable Concrete Internal Vibrator



Poker Head Ø	Weight	Vibrations	Centrifugal Force	Amplitude	Hose Length**
MM	KG	per min	N	MM	M
Ø 28	2.0	12.000	2.500	0.8	1.0-1.5-2.0-2.5-3.0-3.5-4.0
Ø 38*	3.4	12.000	3.900	1.0	1.0-1.5-2.0-2.5-3.0-3.5-4.0
Ø 45*	3.6	12.000	4.500	1.5	1.0-1.5-2.0-2.5-3.0-3.5-4.0

\* Also available with rubber tip

\*\* Hose length including poker head

## BV Mechanical Poker Vibrators

Type	Voltage	Amperage	Capacity	Shaft speed	Weight
	V/Fase/Hz	A	kW/PK	per minute	KG
BV 400	400/3/50	2.6	1.1/1.5	3.000	12
BV 230	230/1/50	5.1	0.75/1.0	3.000	12
BV Petrol (Honda)			3.0/4.0	3.000	25

Hose Length**	Pokerhead	Amplitude	Vibrations	Centrifugal force	Flex. Shaft Speed	Weight***
M	MM	MM	per minute	N	per minute	KG
4.5-6.5-10.5	28	0.8	12.000	2.500	3.000	13
4.5-6.5-10.5	38*	1.0	12.000	3.900	3.000	18
4.5-6.5-10.5	45*	1.5	12.000	4.500	3.000	25
4.5-6.5-10.5	60	3.0	12.000	6.500	3.000	35

\* Also available with rubber tip

\*\* Hose length including poker head

\*\*\* Weight applies to the standard length of 4.5 meters

On request also available with 115/1-phase/50-60 Hz or with diesel engine





## Shutter Vibrator Electric High Frequency External Vibrator

Model Number	Speed (rpm)	Centrifugal Force (kg)	Input Power (kw)	Nominal Current (A Max)		Weight (kg)
				50 Hz (3-Phase)	200 Hz / 42 V	
FV - 3/300	3000	325	0.27	0.52	-	9.7
FV - 3/500	3000	530	0.50	0.96	-	15.6
FV - 3/700	3000	765	0.66	1.25	-	16.5
FV - 3/800	3000	785	0.75	1.45	-	20.5
FV - 6/300	6000	297	0.27	-	5.0	4.5
FV - 156/42	6000	1440	1.1	-	18.2	19.4
FV - 166/42	6000	1600	1.50	-	23.50	22



Cradle for Shutter Vibrator  
Code: FVCR 1516

## LHF-E Value Line High Frequency Poker Vibrator with Integrated Inverter



Pokerhead Ø	Pokerhead Length	Pokerhead	Amperage	Effective Compaction	Total Weight LHF
MM	MM	per min	A	Ø CM	KG
Ø 36 standard	280	12.000	4.5	35	8.4
Ø 50 standard	320	12.000	6.7	55	13.0
Ø 57 standard	340	12.000	11.5	75	15.2
Ø 65 standard	400	12.000	16.0		17.2

## HFOEGB Electronic High Frequency Converter

Product Type	Power Output	Prim. Voltage	Sec. Amperage	Sec. Voltage	Primary Voltage	Primary Current
	KVA	V/Phase/Hz	A	V/Phase/Hz	Number	KG
HFO-E 1.8	1.8	230/1/50	25	42/3/200	2	16
HFO-E 1.8	2.5	230/1/50	35	42/3/200	2	18
HFO-E 1.8	3.6	400/1/50	50	42/3/200	3	26
HFO-E 1.8	5.3	230/3/50	75	42/3/200	4	31



## LHF High Frequency Poker Vibrators



Pokerhead Ø	Pokerhead Length	Pokerhead	Amperage	Effective Compaction	Total Weight LHF
MM	MM	per min	A	Ø CM	KG
Ø 36 standard	280	12.000	4.5	35	8.4
Ø 50 standard	320	12.000	6.7	55	11.6
Ø 57 standard	340	12.000	11.5	75	14.1
Ø 65 standard	400	12.000	16.0	100	17.2

## HFO High Frequency Converter

Type	Power Output	Pri					Outlets	KG
	kVa	V/Phase/Hz	A	V/Phase/Hz	A			
HFO 0.7/230	0.7	230/1/50	4.5	42/3/200	9.6	1	15	
HFO 1.2/230	1.2	230/1/50	7.0	42/3/200	16.5	1	19	
HFO 1.8/230	1.8	230/1/50	10.7	42/3/200	24.7	2	27	
HFO 2.5/230	2.5	230/1/50	13.4	42/3/200	34.4	2	33	
HFO 1.2/400	1.2	400/3/50	2.7	42/3/200	16.5	1	17	
HFO 1.8/400	1.8	400/3/50	4.0	42/3/200	24.7	2	22	
HFO 2.5/400	2.5	400/3/50	5.2	42/3/200	34.4	2	29	
HFO 3.0/400	3.0	400/3/50	6.0	42/3/200	41.2	3	40	
HFO 4.0/400	4.0	400/3/50	7.9	42/3/200	55.0	3	48	
HFO 6.0/400	6.0	400/3/50	11.0	42/3/200	82.5	4	68	
HFO 7.5/400	7.5	400/3/50	14.0	42/3/200	103.0	4	74	



\* Also available in 115V/1-phase/50 Hz - primary voltage  
 \*\* Also available in 115 & 250V/3-phase/200 Hz - secondary voltage  
 Also available in larger types with 12.5 - 15.0 - 20.0 kVA power output





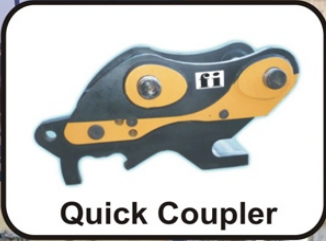
Mini Excavator



Motor Grader



Sand Washing Plant



Quick Coupler



Truck Mounted



Mini Crawler Crane



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