



**WACKER
NEUSON**
all it takes!

Internal Vibrators

Basic, Advanced, Premium and Backpack



Experience you can rely on

Since the 1930s, we have been developing products for concrete technology, including our large selection of high-quality concrete vibrators.



Cordless and emission-free

The battery-powered internal backpack vibrator with integrated converter offers the user maximum flexibility on the construction site during concrete consolidation.

Performance Data

BASIC Electric Flex-shaft Vibrators

	Unit	M1500	M2500
Drive system		Double-insulated universal motor	
Voltage 1~	V	120	120
Current	A	12.5	15
Power	hp	2.0	2.5
Weight	lb	10.9	11.9

Shafts

	Unit	SM1-E	SM2-E	SM3-E	SM4-E	SM5-E	SM7-E	SMO-S
Length	in	39.4	78.7	118.2	157.5	197	275.8	19.7
Weight	lb	3.3	5.5	7.5	9.5	11	15.4	2.9

	Unit	SM1-S	SM2-S	SM3-S	SM4-S	SM5-S	SM7-S	SM9-S
Length	in	39.4	78.7	118.1	157.5	196.8	275.6	354.3
Weight	lb	6	9.5	13	15.7	20.6	28.4	33.3

ADVANCED Electric Flex-shaft Vibrators

	Unit	IEC45	IEC58
Vibrator head diameter	in	1.8	2.3
Effective consolidation diameter*	in	23.6	33.5
Input voltage ~	V	120	120
Current	A	8	8
Frequency	Hz	50-60	50-60
Protective hose/power cable	ft	10-26.3 / 17.4	10-26.3/17.4

PREMIUM Electric Flex-shaft Vibrators FUFLEX

	Unit	FUFlex4/120
Input voltage ~	V	120
Current	A	12
Frequency	Hz	50-60
Power cable	ft	49.2

IRFLEX

	Unit	IRflex38	IRflex45	IRflex58	IRflex60HR
Vibrator head diameter	in	1.5	1.8	2.3	2.6
Effective consolidation diameter*	in	19.7	23.6	33.5	33.5
Protective hose length	ft	9.8 / 164	16.4	16.4/26.2 / 32.8/49.2	16.4 / 32.8
Head length	in	13.6	15	15.8	15.8

IRFU

	Unit	IRFU65
Vibrator head diameter	in	2.6
Effective consolidation diameter*	in	39.4
Input voltage ~	V	120
Current	A	15
Frequency	Hz	50-60
Protective hose length	ft	16.4 / 26.2

Heads

	Unit	H25S	H25HA	H35S	H35HA	H45S	H45HA
Diameter	in	1	1	1.4	1.4	1.8	1.8
Length	in	11.6	15	12.2	15.9	12	15.4
Weight	lb	1.8	2.9	3.5	5.1	6.2	7.3

	Unit	H50HA	H65	HR48	HR65	HR70	H70S
Diameter	in	2	2.6	1.9	2.5	2.75	2.75
Length	in	15.6	15.2	6	15	15	6
Weight	lb	8.5	13.7	6	8.4	11	6

Backpack Vibrators

	Unit	BV50A-H**
Length x width x height	in	23 x 19 x 23
Weight w/o shaft & head	lb	29
Shaft	ft	10, 13, 16.5
Head diameter	in	1, 1-3/8, 1-3/4, 2
Frequency (no load)	vpm	12,000
Engine type		4-cycle, overhead valve, single-cylinder, air-cooled, gasoline Honda GXH 50
Starter		Recoil
Operating speed	rpm	variable
Fuel tank capacity	gal	0.8
Fuel consumption	qt/h	0.9

Battery-powered Backpack Vibrators

	Unit	ACBE**
Length x width x height	in	11.7 x 9.3 x 22
Weight w/battery BOB10 / BOB14	lb	29.76 / 30.45
Shaft	ft	5.0 / 10.0 / 16.5
Head diameter (IEe38 / IEe45 / IEe58)	in	1.5 / 1.8 / 2.3
Power source		Electric, Battery BOB10 / BOB14, Li-Ion
Battery weight BOB10 / BOB14	lbs	20.5 / 21.2
Battery voltage	V	51.0
Battery content BOB10 / BOB14	Wh	1,008 / 1,425
Battery charge time (max) BOC7 / BOC13	min	90-276 / 50-112

Internal Vibrators

	Unit	IEe38	IEe45	IEe58
Head diameter	in	1.5	1.8	2.3
Weight with 1.5 m hose	lb	8.8	11.5	17
Weight with 3.0 m hose	lb	11.5	14	21
Weight with 5.0 m hose	lb	14.1	19.4	26.7
Rated current	A	6.2	9.9	14.8
Voltage (~3)	V	34	34	34
Output frequency	Hz	200	200	200
Output performance	Kw	0.29	0.47	0.7
Protection class		IP67	IP67	IP67

