

VIBRATING SYSTEMS

SVH / SVE

The concrete vibrating screed MARCITAL is based on the principle of high frequency vibration (7.000 r.p.m.). It is essential in compacting, levelling and finishing operations for concrete floors. Easy to use. Adjustment of the vibration in accordance with thickness of the concrete. Available with petrol engine or electric motor, and in 4 different lengths: 1,5-2-2,5-3 mt.

	Engine	Model	R.P.M.	Lenght
SVH	Honda	GX25 - 4 times	7000	from 1,5 mt to 3 mt
SVE	Electric	220-230 V - 110W	7000	from 1,5 mt to 3 mt



PENDULUMM SERIE "EF"

Petrol diesel or electric drive unit, complete with guard frame or turning base of motor, pendulum type mechanical vibrators in different diameters and hose length from 4mt to 6mt.



	Amplitude	Compacting power	Needle length	Ø Action	Centrifugal force	Rubber hose	Vibrations
	mm	m/h	mm	cm ²	Kg	m	l'
EF 35	1,2	6	420	50	125	4/5/6	12.000
EF 40	1,5	7	520	55	160	4/5/6	12.000
EF 45	1,9	9	520	60	230	4/5/6	12.000
EF 50	2,2	12	520	70	275	4/5/6	12.000
EF 60	2,5	12	600	80	310	4/5/6	12.000

PNEUMATIC VIBRATOR SERIE "PN"

Realised with anti-abrasive hose and tempered hardened steel, the internal pneumatic vibrators serie "PN" offer outstanding reliability and long work life; the technical choices adopted, assure that the vibrators are very handy and with few maintenance problems.



	diameter of head	length	weight	air consumption per minute	vibrations per minute	centrifugal force	average output
	mm	mm	Kg	Lt	n ^o	Kg	mc/h
PN 30	30	180	2,5	400	35.000	90	13
PN 40	40	230	4,0	500	25.000	145	18
PN 50	50	250	5,5	700	20.000	500	35
PN 60	60	280	7,5	900	17.000	600	40
PN 80	80	330	13,5	1.300	13.000	1.000	50

HYDRAULIC BREAKERS

LIGHT MEDIUM SERIES

High performance for mini and midi excavators from 0,5 tons to 10 tons

Model	Carrying machine (min-max)	Operating weight	Oil flow	Operating pressure	Blows per minute	Blow energy	Tool Diameter
	ton	Kg	l/min	bar	nr	joule	mm
VHX 60 EVO	0,5 - 1,0	60	9 / 18	80 - 100	900 / 1200	150	36
VHX 90 EVO	1,2 - 2,0	100	20 / 25	90 - 110	750 / 1000	265	45
VHX 120 EVO	1,8 - 2,5	130	23 / 27	95 - 120	700 / 950	295	48
VHX 150 EVO	2,5 - 3,0	150	27 / 30	95 - 120	700 / 950	324	50
VHX 200 EVO	3,5 - 4,5	200	30 / 45	120 - 140	900 / 950	442	57
VHX 250 EVO	4,5 - 6,0	250	33 / 55	130 - 145	750 / 900	740	65
VHX 331 EVO	6,0 - 8,0	310	60 / 90	130 - 145	710 / 880	785	65
VHX 400 EVO	7,0 - 10	400	60 / 110	140 - 150	700 / 850	840	80



TR SERIES

High performance applicable for all type of back hoe loaders

Model	Hammer weight	Oil flow (min-max)	Operating pressure (min-max)	Blows per minute	Blow energy	Tool Diameter
	Kg	l/min	bar	nr	joule	mm
VHX 200 TR	230	30 / 45	120 / 140	900 / 950	442	57
VHX 331 TR	330	60 / 90	130 / 145	710 / 880	785	65
VHX 400 TR	420	60 / 100	140 / 150	700 / 850	840	80



SKID LOADERS SERIES

High performance applicable for all type of skid loaders

Model	Hammer weight	Oil flow (min-max)	Operating pressure (min-max)	Blows per minute	Blow energy	Tool Diameter
	Kg	l/min	bar	nr	joule	mm
VHX 90SKL EVO	100	20 / 25	90 / 110	750 / 1000	265	45
VHX 150SKL EVO	150	27 / 30	95 / 120	700 / 900	324	50
VHX 200SKL EVO	200	30 / 45	120 / 140	900 / 950	442	57



HEAVY SERIES

High performance for excavators from 10 tons to 48 tons

Model	Carrying machine (min-max)	Hammer weight	Oil flow (min-max)	Operating pressure (min-max)	Blows per minute	Blow energy	Tool Diameter
	ton	Kg	l/min	bar	nr	joule	mm
VHX 700	9 / 15	750	85 / 110	160 / 170	500 / 890	2100	100
VHX 1000	12 / 18	1000	90 / 120	160 / 170	450 / 20	2800	110
VHX 1200	14 / 20	1200	100 / 130	160 / 170	350 / 800	2950	120
VHX 1500	16 / 25	1450	130 / 160	160 / 170	300 / 800	3900	130
VHX 1700	19 / 28	1700	140 / 170	160 / 170	360 / 830	4600	135
VHX 2400	24 / 35	2350	145 / 195	170 / 180	340 / 600	6000	150
VHX 3100	30 / 48	3090	190 / 240	170 / 180	290 / 590	7330	160



PNEUMATIC HAMMERS



Model	AS 280	AS 220	S 350	S 252	S 182	S 152	S 310	S 210
Chuck size	exg. 32x160	exg. 25x108	exg. 32x160	exg. 32x160	exg. 25x108	exg. 25x108	exg. 32x160	exg. 25x108
Weight [Kg]	30	23	35	26	20	18	28	20
Total length [mm]	745	660	678	710	605	596	730	630
Air Consumption [lt/min]	1500	1300	1700	1500	1200	900	1700	1100
Pressure [bar]	6:7	6:7	6:7	6:7	6:7	6:7	6:7	6:7
With lubrication	-	-	-	-	✓	✓	✓	✓



Model	V 108 K	V 108	S 71	S 41	V 276 AK
Chuck size	exg. 22x82,5	Ø 25x75	exg. 19x50	exg. 19x50	exg. 14,7x60
Weight [Kg]	9,5	8,5	7	4,5	6,5
Total length [mm]	508	508	420	350	373
Air Consumption [lt/min]	900	900	600	450	600
Pressure [bar]	6	6	6	6	6

POCKET VIBRATORS VVI

The VVI Pocket Vibrators are known for their reliable operation. They are of short construction, low weight, safe operation, high compacting, simple and robust design.

Model	Weight	Air consumption	Pressure	Frequency	Volume	Force output
	Kg	lt/min	bar	SI/min	VL/m³h.ca	Kp
VVI 25	3,5	350	6:7	25.000	3-4	80
VVI 30	4	400	6:7	20.000	4-5	100
VVI 40	5	500	6:7	19.000	14-15	200
VVI 50	6	600	6:7	18.000	22-23	350
VVI 60	7,5	900	6:7	17.500	27-28	500
VVI 70	9	950	6:7	17.000	28-30	600
VVI 80	13	1600	6:7	16.500	35-38	1200
VVI 100	18	1900	6:7	15.000	54-55	1500

FEATURES

- With lubrication
- Easy to disassemble
- Special anti-oil material for rotor blade
- Standard 2m handling hose, other lengths on request

