

# batmatic



# GENERAL CATALOGUE



ENG

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## “Your partner in compaction”

Since **1971**, **Batmatic** has been producing compactors for the building sector.

Batmatic has attained an important position in the field of compaction on the Italian market as well as on foreign markets.

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We have been producing vibrating plates, compactor rollers and tamping rammers since 1971. Constant research, the high level of expertise and **quality standards** are a guarantee for avant-garde products capable of satisfying all our customers requirements.

**PETROL****FP1342****batmatic****FORWARD PLATES**

15-25 cm



22 m/min



20°



90 Hz



13 kN

Ideal for repairing asphalted surfaces, for small compacting jobs and for preparing green areas



with hoisting system

with ROLLBAR and water tank

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
FP1342 G with hoisting system	420 x 550 mm	76 kg	PETROL	Robin EX 16	3,3 kW (4,5 HP)
		76 kg		Honda GX 160	3,6 kW (4,8 HP)
		77 kg		Kohler SH 265	4,8 kW (6,5 HP)
FP1342 R with Rollbar		77 kg		Robin EX 16	3,3 kW (4,5 HP)
		77 kg		Honda GX 160	3,6 kW (4,8 HP)
		78 kg		Kohler SH 265	4,8 kW (6,5 HP)
FP1342 W with Rollbar and water tank	78 kg	Robin EX 16	3,3 kW (4,5 HP)		
	78 kg	Honda GX 160	3,6 kW (4,8 HP)		
	79 kg	Kohler SH 265	4,8 kW (6,5 HP)		

Transport wheels included

**PETROL****FP1650****batmatic****DIESEL****FORWARD PLATES**

Ideal for small compacting jobs of sand, gravel or ground

**DIESEL****with hoisting system****with ROLLBAR and water tank****15-25 cm****25 m/min****20°****90 Hz****16 kN**

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
FP1650 G with hoisting system	500 x 560 mm	88 kg	PETROL	Robin EX 16	3,3 kW (4,5 HP)
FP1650 R with Rollbar		88 kg		Honda GX 160	3,6 kW (4,8 HP)
		89 kg		Kohler SH 265	4,8 kW (6,5 HP)
		90 kg		Robin EX 16	3,3 kW (4,5 HP)
FP1650 W with Rollbar and water tank	91 kg	Honda GX 160		3,6 kW (4,8 HP)	
	91 kg	Kohler SH 265		4,8 kW (6,5 HP)	
	92 kg	Robin EX 16	3,3 kW (4,5 HP)		
FP1650 G with hoisting system		94 kg	DIESEL	Kohler 15LD225	3,5 kW (4,7 HP)

Transport wheels included

**PETROL****FP2150****batmatic****DIESEL****FORWARD PLATES**

20-30 cm



25 m/min



20°



90 Hz



21 kN

Repairing of asphalted surfaces, self-locking tile flooring, landscaping and pipelines maintenance, compacting any type of ground

**with ROLLBAR****with ROLLBAR and water tank**

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
FP2150 R with Rollbar	500 x 610 mm	103 kg	PETROL	Robin EX 16	3,3 kW (4,5 HP)
		103 kg	PETROL	Honda GX 160	3,6 kW (4,8 HP)
		104 kg	PETROL	Kohler SH 265	4,8 kW (6,5 HP)
		116 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		116 kg	DIESEL	Kohler 15LD225	3,5 kW (4,7 HP)
FP2150 W with Rollbar and water tank	500 x 610 mm	105 kg	PETROL	Robin EX 16	3,3 kW (4,5 HP)
		105 kg	PETROL	Honda GX 160	3,6 kW (4,8 HP)
		106 kg	PETROL	Kohler SH 265	4,8 kW (6,5 HP)
		118 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		118 kg	DIESEL	Kohler 15LD225	3,5 kW (4,7 HP)

Transport wheels included

**PETROL****DIESEL**

# CB1450 - CD1450

## FORWARD PLATES

**batmatic**

Maintenance of asphalted surfaces. Laying porphyry and paving tiles, compacting any type of ground

**15-25 cm****20 m/min****20°****90 Hz****16 kN**

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CB1450	500 x 580 mm	89 kg 89 kg 90 kg	PETROL	Robin EX 17	4,2 kW (5,7 HP)
				Honda GX 160	3,6 kW (4,8 HP)
				Kohler SH 265	4,8 kW (6,5 HP)
CB1450W with water tank		92 kg 92 kg 93 kg		Robin EX 17	4,2 kW (5,7 HP)
				Honda GX 160	3,6 kW (4,8 HP)
				Kohler SH 265	4,8 kW (6,5 HP)
CD1450	500 x 580 mm	102 kg 102 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
				Kohler 15LD225	3,5 kW (4,7 HP)
CD1450W with water tank		105 kg 105 kg		Hatz 1 B20	3,7 kW (5,0 HP)
				Kohler 15LD225	3,5 kW (4,7 HP)

Transport wheels included

**PETROL****DIESEL**

# CPB13 CPD15-17 FORWARD PLATES

**batmatic**

30-40 cm



22 m/min



20°



90 Hz



20 kN

Compacting floor foundations, subsoil basements, sand or gravel  
Laying porphyry and self-locking tile flooring

**PETROL****DIESEL**

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CPB13	440 x 700 mm	131 kg	PETROL	Robin EX 17	4,2 kW (5,7 HP)
		131 kg		Honda GX 160	3,6 kW (4,8 HP)
		132 kg		Kohler SH 265	4,8 kW (6,5 HP)
CPD15	440 x 700 mm	144 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		144 kg		Kohler 15LD225	3,5 kW (4,7 HP)
CPD17	550 x 700 mm	156 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		156 kg		Kohler 15LD225	3,5 kW (4,7 HP)

Transport wheels included



**PETROL****CR2140****batmatic****DIESEL****CR2150****REVERSIBLE PLATES**

Repairing asphalt, compacting excavations and trenches, laying floors in paving tile or in porphyry



Water tank system for reversible plates (optional)

**PETROL****DIESEL**

30-40 cm



25-30 m/min



20°



90 Hz



21 kN

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR2140	400 x 632 mm	112 kg 112 kg 113 kg	PETROL	Robin EX 17 Honda GX 160 Kohler SH 265	4,2 kW (5,7 HP) 3,6 kW (4,8 HP) 4,8 kW (6,5 HP)
		121 kg 121 kg	DIESEL	Hatz 1 B20 Kohler 15LD225	3,7 kW (5,0 HP) 3,5 kW (4,7 HP)
CR2150	500 x 632 mm	127 kg 127 kg 128 kg	PETROL	Robin EX 17 Honda GX 160 Kohler SH 265	4,2 kW (5,7 HP) 3,6 kW (4,8 HP) 4,8 kW (6,5 HP)
		136 kg 136 kg	DIESEL	Hatz 1 B20 Kohler 15LD225	3,7 kW (5,0 HP) 3,5 kW (4,7 HP)

Transport wheels included

[www.batmatic.it](http://www.batmatic.it)

**PETROL****CR3050****batmatic****DIESEL****CR3265****REVERSIBLE PLATES**

Repairing asphalt, compacting excavations and trenches, laying floors in paving tile or in porphyry



40-50 cm



22 m/min



20°



90 Hz



30-32 kN

**CR3265 – Base plate width 650 mm****DIESEL****PETROL**

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR3050	500 x 700 mm	177 kg	PETROL	Robin EX 17	4,2 kW (5,7 HP)
		177 kg		Honda GX 160	3,6 kW (4,8 HP)
		178 kg		Kohler SH 265	4,8 kW (6,5 HP)
		190 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		190 kg		Kohler 15LD225	3,5 kW (4,7 HP)
CR3265	650 x 700 mm	182 kg	PETROL	Robin EX 17	4,2 kW (5,7 HP)
		182 kg		Honda GX 160	3,6 kW (4,8 HP)
		183 kg		Kohler SH 265	4,8 kW (6,5 HP)
		195 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		195 kg		Kohler 15LD225	3,5 kW (4,7 HP)

Transport wheels included

**DIESEL**

# CR4550

## REVERSIBLE PLATES

**batmatic**

Deep compaction of small and medium-sized areas. Foundations and subsoils



All Batmatic reversible plates are supplied with a strong and safe handle fixing for transport



60-75 cm



22 m/min



20°



70 Hz



45 kN

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR4550	500 x 750 mm	238 kg	DIESEL	Hatz 1 B30	5,0 kW (6,8 HP)
		236 kg		Kohler 15LD350	5,5 kW (7,5 HP)
CR4550-AE	253 kg	Hatz 1 B30		5,0 kW (6,8 HP)	
	251 kg	Kohler 15LD350		5,5 kW (7,5 HP)	

AE: model with electric starter

**DIESEL****CR5570****batmatic****REVERSIBLE PLATES****Batcontrol® measures degree of soil compaction**

0% - Area to be compacted



40% - Area to be compacted



100% - Area correctly compacted



70-85 cm



21 m/min



20°



70 Hz



55 kN

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR5570-AE	700 x 955 mm	395 kg	PETROL	Honda GX390	8,3 kW (11,8 HP)
		410 kg	DIESEL	Kohler 15LD440	8,0 kW (10,9 HP)
		414 kg		Hatz 1 B40	7,4 kW (10,0 HP)
		444 kg		Hatz 1 D50	7,9 kW (10,7 HP)

AE: model with electric starter

Available also with base plate widths 600 mm and 850 mm

Available also with only recoil start on request

**DIESEL**

# CR9075

**batmatic**

## REVERSIBLE PLATES

Deep compaction of medium and large-sized areas.  
Foundations, excavations and subsoils



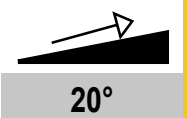
**Dashboard starter and  
fast handle attachment**



90-100 cm



20-25 m/min



20°



50 Hz



90 kN

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR9075-AE	750 x 1075 mm	680 kg	DIESEL	Kohler 25LD425	14,0 kW (19,0 HP)

AE: model with electric starter

Available also with base plate width 800 mm

[www.batmatic.it](http://www.batmatic.it)

**DIESEL**

# VR22-E "GIP"

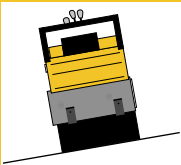
**batmatic**

## 716 kg

### WALK-BEHIND DOUBLE DRUM VIBRATORY ROLLER



Manual driven roller with double hydraulic traction and vibration insertion activated by electromagnetic transmission and belts. Suitable for compacting asphalt or granular surfaces. The extremely compact frame allows the operator to work almost along the wall. Thanks to an efficient cooling radiator it has been possible to use few oil in the hydraulic circuit, allowing use in any climatic condition



17°



48-60 Hz



14-22 kN



4,8 km/h



2,4 km/h



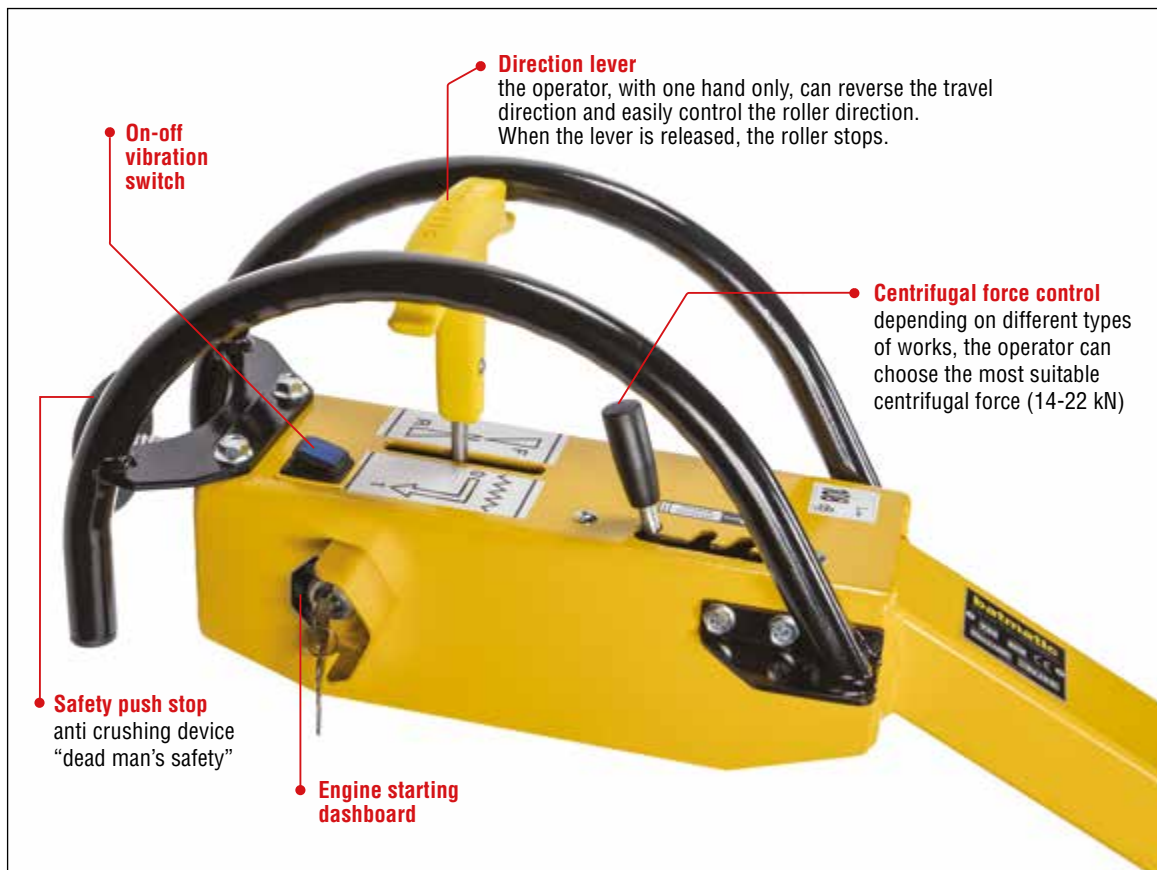
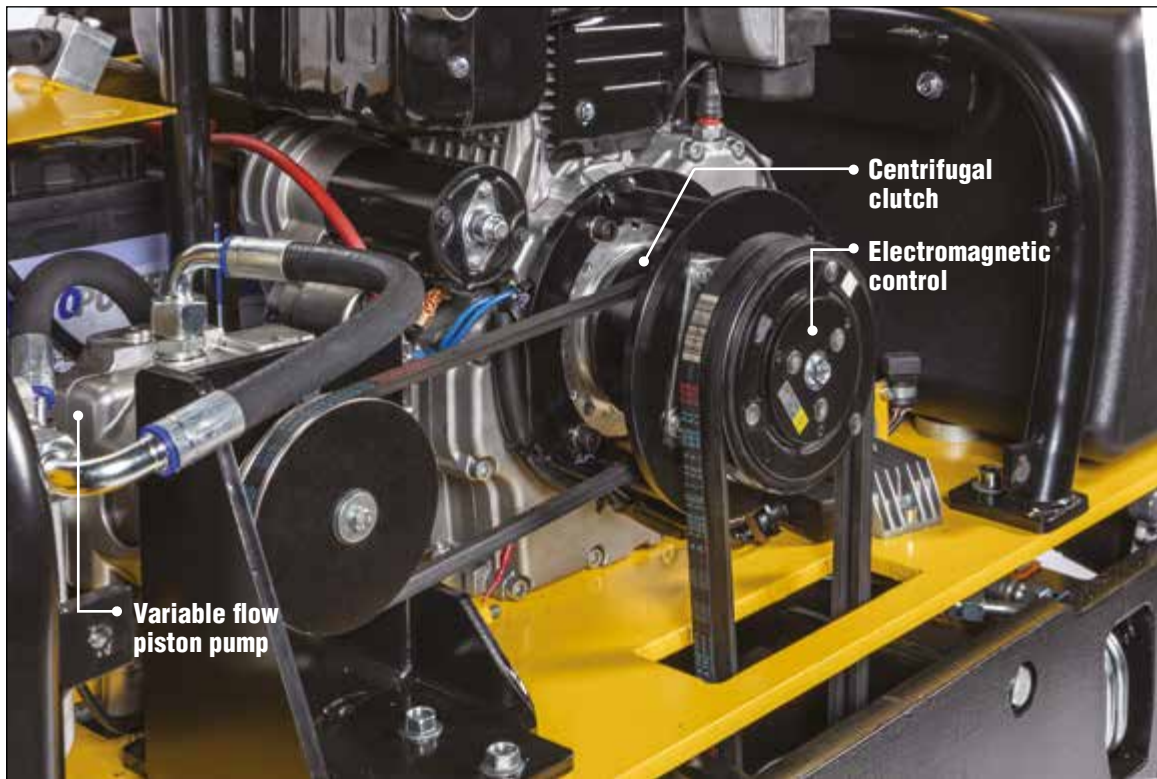
22°



# VR22-E "GIP"

batmatic

14-22 kN ELECTROMAGNETIC TRANSMISSION



**DIESEL**

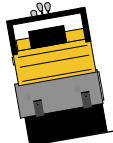
# VR22-H 725-753 kg

**batmatic**

## WALK-BEHIND DOUBLE DRUM VIBRATORY ROLLER



Manual driven roller with traction and vibration insertion controlled by an hydraulic system. Suitable for compacting asphalt or granular surfaces. The extremely compact frame allows the operator to work almost along the wall. Thanks to an efficient cooling system it has been possible to use few oil in the hydraulic circuit, allowing use in any climatic condition



17°



48-60 Hz



14-22 kN



4,8 km/h



2,4 km/h



22°

**Ergonomic handle**

the handy controls positioned on the handle allow to activate the vibration, to change the compaction force and to establish the direction of the roller travel

**Lifting point**  
easy and safe lifting and transportation

**Complete engine cover**  
gives maximum engine protection

**45 lt water tank capacity**  
large diameter filling cap gives easy access for cleaning

**Parking brake**

**Safety belt**

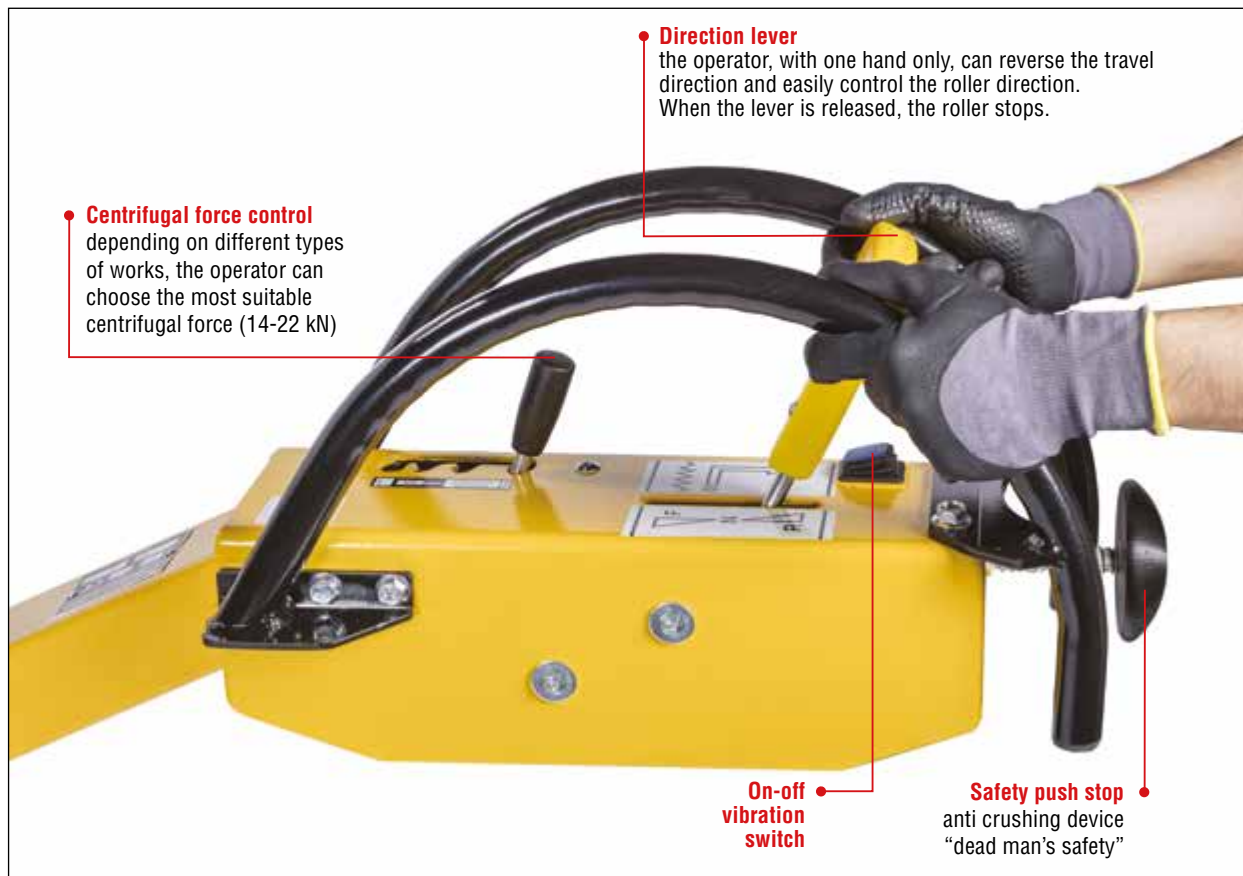
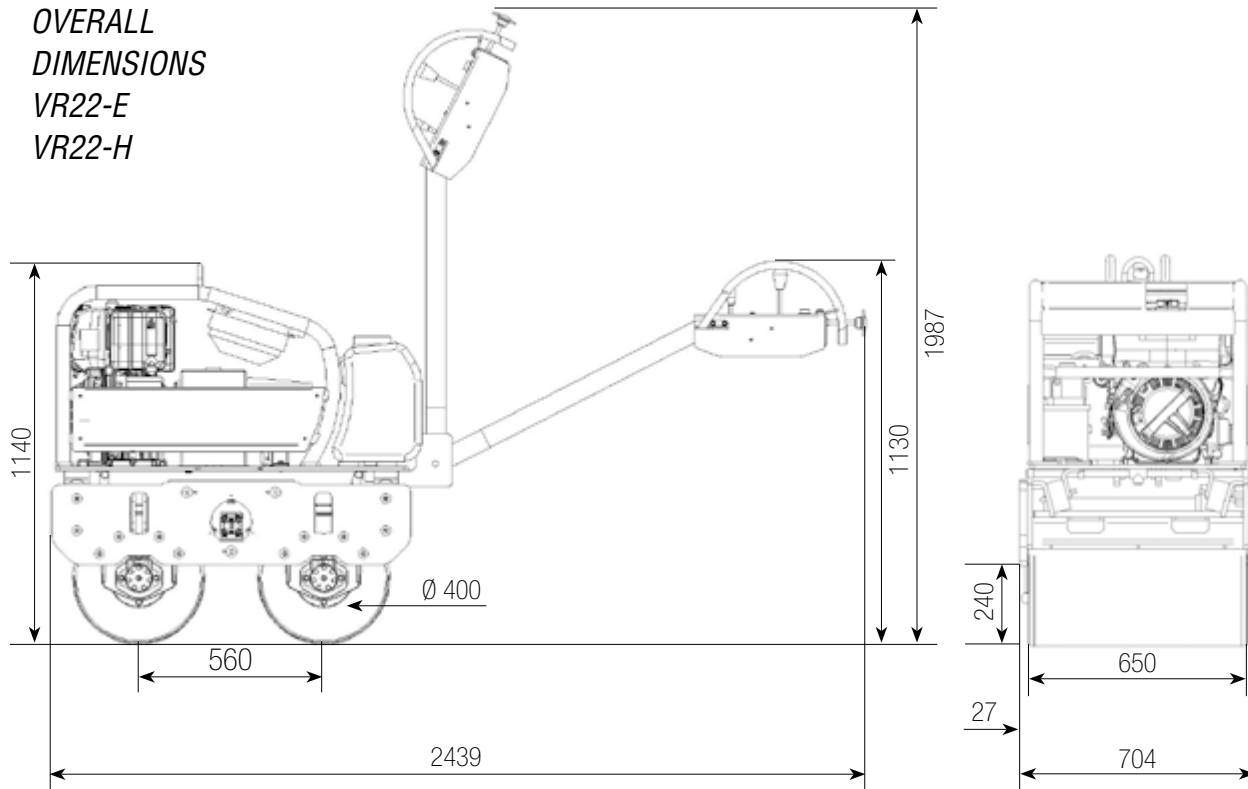
**Scrapers**  
for drums cleaning





## 14-22 kN FULLY HYDRAULIC

OVERALL  
DIMENSIONS  
VR22-E  
VR22-H



# TECHNICAL FEATURES

Model	VR22 E		VR22 H		
Transmission	Hydraulic		Hydraulic		
Vibration	Electromagnetic		Hydraulic		
Operating weight (kg)	716	716	725	725	753
Travel speed forward (km/h)	4,8		4,8		
Travel speed reverse (km/h)	2,4		2,4		
Max gradeable slope	40% - 22°		40% - 22°		
Angle of lateral stability	30% - 17°		30% - 17°		
Oil tank capacity (lt)	3,5		4,0		
Total oil in the circuit (lt)	6,5		7,0		
Water tank capacity (lt)	45		45		
<b>Low frequency</b>					
Centrifugal force (kN)	14		14		
Vibration frequency (Hz)	48,3		48,3		
Engine (RPM)	2300		2300		
Vibrator (RPM)	2900		2900		
<b>High frequency</b>					
Centrifugal force (kN)	22		22		
Vibration frequency (Hz)	60		60		
Engine (RPM)	2800		2800		
Vibrator (RPM)	3600		3600		
<b>Dimensions</b>					
Drum width (mm)	650		650		
Drum diameter (mm)	400		400		
Curb clearance (mm)	240		240		
<b>Engine</b>					
Manufacturer	Kohler	Hatz	Kohler	Hatz	Hatz
Model	15LD440	1B40	15LD440	1B40	1D42 Z
Max power kW (HP)	8,0 (10.9)	7,4 (10.0)	8,0 (10.9)	7,4 (10.0)	7,5 (10.2)
Fuel	Diesel		Diesel		
Starter	Electric		Electric		

**PETROL**

**DIESEL**

# CV70H CV80Y RAMMERS

**batmatic**

Suitable for compacting in narrow spaces:  
trenches, power line gas and water pipeline trenches



**CV70H**

**PETROL**



**CV80Y**

**DIESEL**



60-70 cm



15-18 m/min



20°



600-695 vpm



16 kN

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CV60X	250 X 330 mm	60 kg	PETROL	Honda GXR 100	2,1 kW (2,8 HP)
CV70H	285 X 330 mm	70 kg	PETROL	Honda GXR 120	2,6 kW (3,5 HP)
CV80Y		81 kg	DIESEL	Yanmar L48	3,1 kW (4,2 HP)

Available also base plate width 190 mm for all models

# T41-T31

**batmatic**

## **BLOCK CUTTERS**



Concrete paving tiles cutting for flooring



**Easily transportable around site**



MODEL	CUTTING WIDTH	CUTTING HEIGHT	WEIGHT
T41	41 cm	3-10,5 cm	42 kg
T31	31 cm	3-10,5 cm	39 kg

# ACCESSORIES

<b>FORWARD PLATES</b>
Vulkollan pad for FP series
Vulkollan pad for CB and CD series
Vulkollan pad for CP series
Water tank for FP series
Water tank for CB and CD series
Water tank for CP series
Folding handle for FP series
Folding handle for CB and CD series
Oil bath air filter for Lombardini engines
<b>REVERSIBLE PLATES</b>
Vulkollan pad for CR series
Water tank system for reversible plates series CR up to 200 kg
Oil bath air filter for Lombardini engines
<b>BLOCK CUTTER</b>
Blade set for T31 block cutter
Blade set for T41 block cutter

All vibrating plates up to 200 kg are equipped with wheels for transport  
 CE certificate and use and maintenance manual included  
 Engine warranty is given by engine manufacturing company



**WATER SYSTEM**



**FOLDING HANDLE**



**REVERSIBLE PLATES  
WATER SYSTEM**



**OIL BATH FILTER**

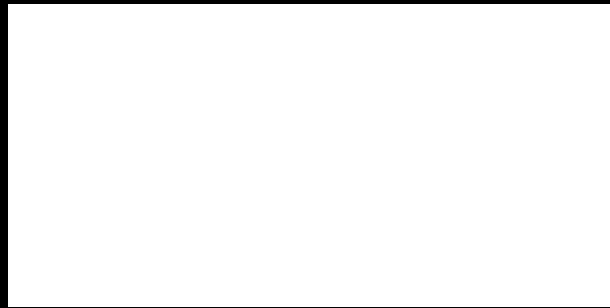


**VULKOLLAN PAD**



**BLADE SET**





**batmatic**

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