

batmatic



GENERAL CATALOGUE

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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

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

FORWARD PLATES

batmatic

PETROL

FP1650

DIESEL

FORWARD PLATES

batmatic



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 ROLLBAR and water tank

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

Transport wheels included

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Ideal for small compacting jobs of sand, gravel or ground



with ROLLBAR and water tank

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

Transport wheels included

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15-25 cm



25 m/min



20%



90 Hz



16 kN

PETROL

DIESEL

FP2150

FORWARD PLATES

batmatic

PETROL

DIESEL

CB1450 - CD1450

FORWARD PLATES

batmatic



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



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

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



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

Transport wheels included



15-25 cm



20 m/min



20%



90 Hz



16 kN

PETROL

DIESEL

CPB13 CPD15-17

FORWARD PLATES

batmatic

PETROL

DIESEL

CR2140 CR2150

REVERSIBLE 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



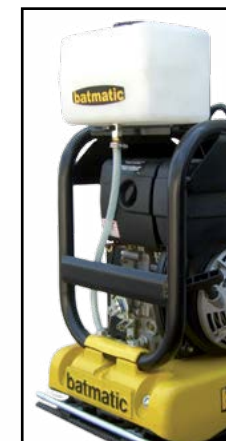
PETROL

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)
CPD15		131 kg		Honda GX 160	3,6 kW (4,8 HP)
CPD17	550 x 700 mm	132 kg	DIESEL	Kohler SH 265	4,8 kW (6,5 HP)
		144 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		144 kg		Kohler 15LD225	3,5 kW (4,7 HP)
		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

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



Water tank system for
reversible plates (optional)



PETROL

DIESEL

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

Transport wheels included



30-40 cm



25-30 m/min



20%



90 Hz



21 kN

PETROL

CR3050

batmatic

DIESEL

CR3265

REVERSIBLE PLATES

DIESEL

CR4550

batmatic

REVERSIBLE
PLATES



40-50 cm



22 m/min



20%



90 Hz



30-32 kN

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



Bath oil air filter
(optional)



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)
CR3265	650 x 700 mm	190 kg	DIESEL	Hatz 1 B20	3,7 kW (5,0 HP)
		190 kg		Kohler 15LD225	3,5 kW (4,7 HP)
		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

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

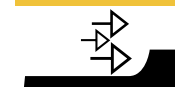


MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR4550	500 x 750 mm	238 kg	DIESEL	Hatz 1 B30	5,0 kW (6,8 HP)
		236 kg		Kohler 15LD350	5,5 kW (7,5 HP)
CR4550-AE		253 kg		Hatz 1 B30	5,0 kW (6,8 HP)
		251 kg		Kohler 15LD350	5,5 kW (7,5 HP)

AE: model with electric starter



60-75 cm



22 m/min



20%



70 Hz



45 kN

DIESEL

CR5570

REVERSIBLE PLATES

batmatic

DIESEL

CR9075

REVERSIBLE PLATES

batmatic



70-85 cm



21 m/min



20%



70 Hz



55 kN

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

Batcontrol electronically measures soil compaction level (optional)



MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
CR5570-AE	700 x 955 mm	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 large 600 mm and 850 mm

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



Dashboard starter and fast handle attachment



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 large 800 mm

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90-100 cm



20-25 m/min



20%



50 Hz



90 kN

DIESEL**VR22-E “GIP”****716 kg****WALK-BEHIND DOUBLE DRUM VIBRATORY ROLLER****batmatic****VR22-E “GIP”****14-22 kN ELECTROMAGNETIC TRANSMISSION****batmatic**

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

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

45 lt water tank capacity

large diameter filling cap gives easy access for cleaning

Engine protection frame

the rollbar guarantees maximum engine protection and easy and safe transportation

Ventilation grilles

for optimal cooling and easily removable

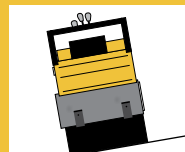
Safety push stop

anti crushing device “dead man’s safety”

Parking brake

Scrapers for drums cleaning

Safety belt



30°



48-60 Hz



14-22 kN



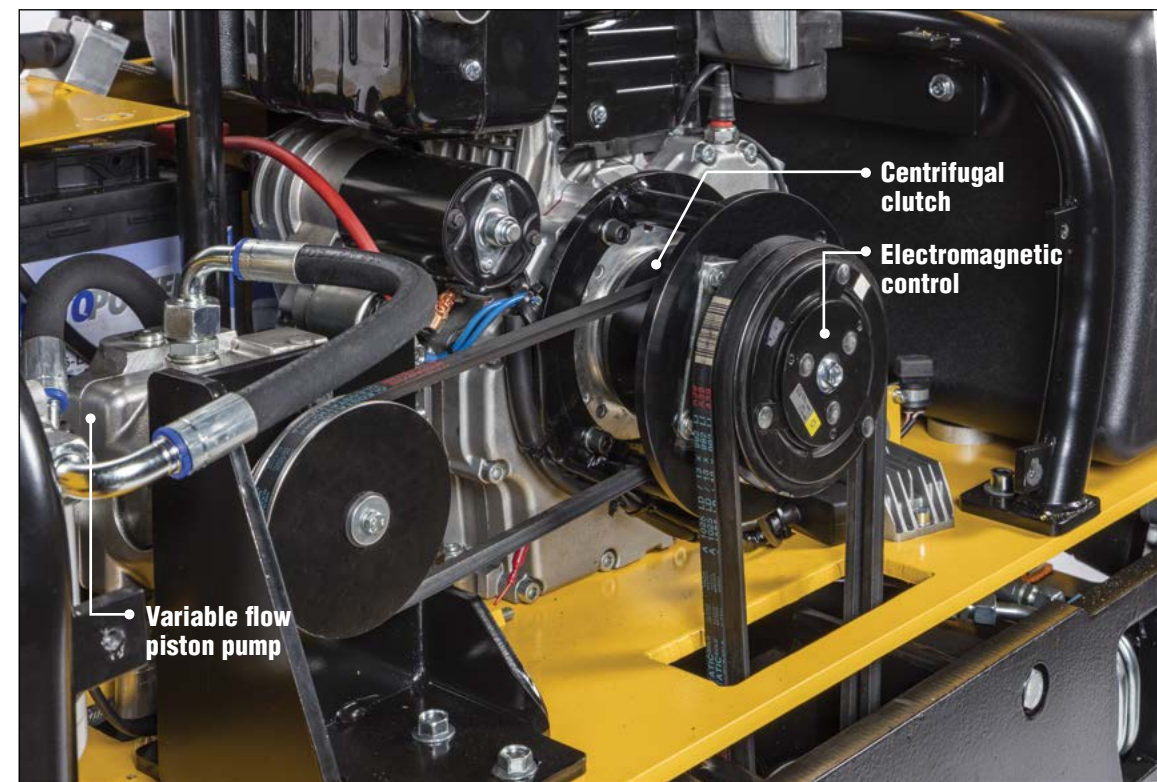
4,8 km/h



2,4 km/h



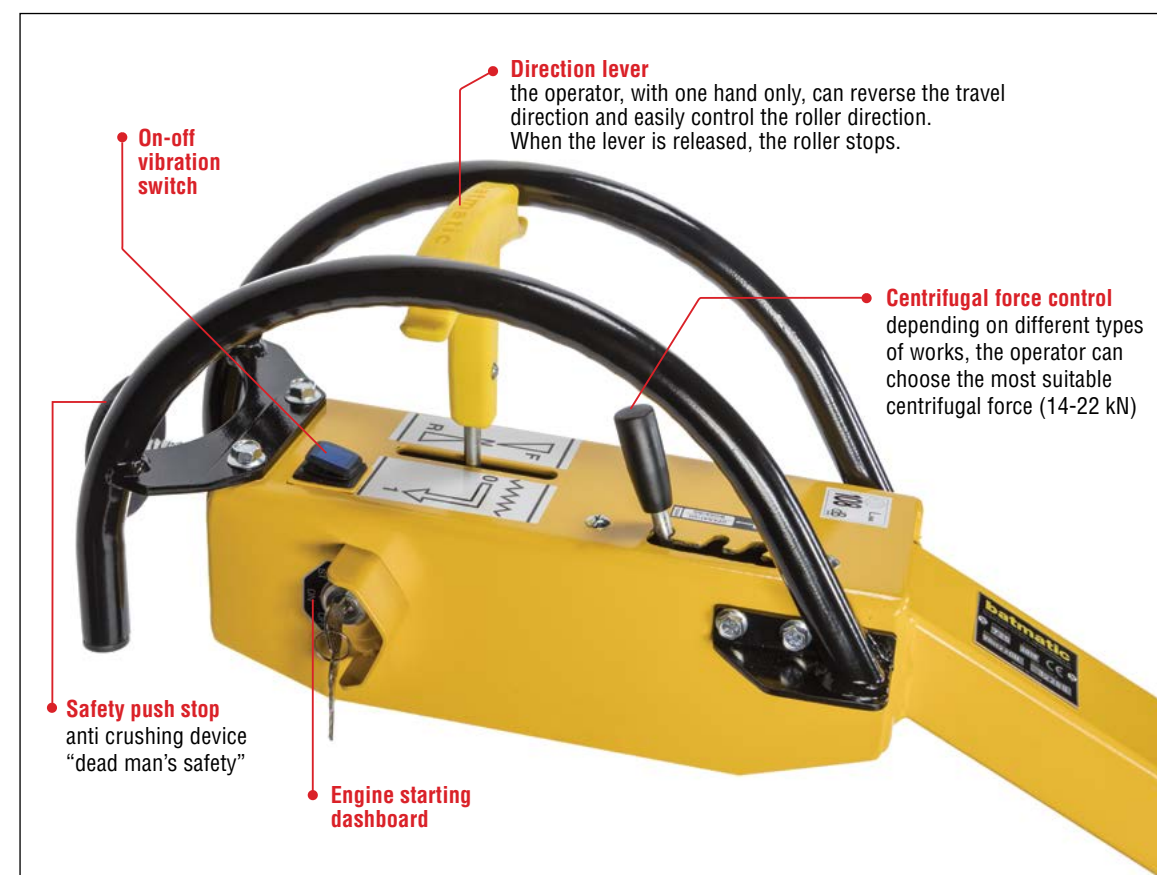
22%



Centrifugal clutch

Electromagnetic control

Variable flow piston pump


Direction lever

the operator, with one hand only, can reverse the travel direction and easily control the roller direction. When the lever is released, the roller stops.

On-off vibration switch

Centrifugal force control depending on different types of works, the operator can choose the most suitable centrifugal force (14-22 kN)

Safety push stop anti crushing device “dead man’s safety”

Engine starting dashboard

DIESEL

VR22-H

725-753 kg

WALK-BEHIND DOUBLE DRUM VIBRATORY ROLLER**batmatic**

VR22-H

14-22 kN FULLY HYDRAULIC**batmatic**

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

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

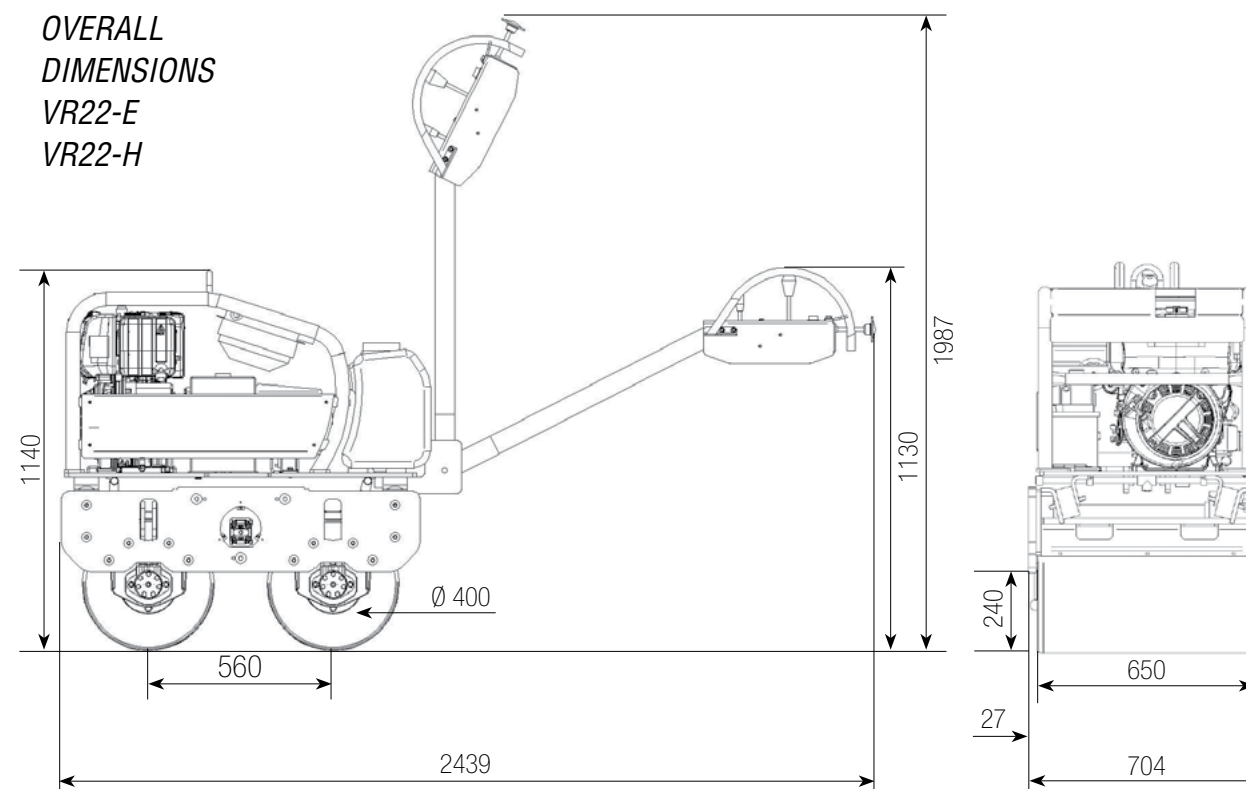
Parking brake

Safety belt

Scrapers
for drums cleaning

OVERALL
DIMENSIONS

VR22-E
VR22-H



Direction lever
the operator, with one hand only, can reverse the travel direction and easily control the roller direction. When the lever is released, the roller stops.

Centrifugal force control
depending on different types of works, the operator can choose the most suitable centrifugal force (14-22 kN)

On-off vibration switch

Safety push stop
anti crushing device "dead man's safety"

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		
Low frequency					
Centrifugal force (kN)	14		14		
Vibration frequency (Hz)	48,3		48,3		
Engine (RPM)	2300		2300		
Vibrator (RPM)	2900		2900		
High frequency					
Centrifugal force (kN)	22		22		
Vibration frequency (Hz)	60		60		
Engine (RPM)	2800		2800		
Vibrator (RPM)	3600		3600		
Dimensions					
Drum width (mm)	650		650		
Drum diameter (mm)	400		400		
Curb clearance (mm)	240		240		
Engine					
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		

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



CV70H
PETROL



CV80Y
DIESEL

MODEL	PLATE DIM. (width x length)	WEIGHT	FUEL	ENGINE	
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)

60-70 cm

15-18 m/min

20%

600-695 vpm

16 kN

STONECUTTER



Concrete paving tiles cutting for flooring



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

FORWARD PLATES
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
Collapsible handle for FP series
Collapsible handle for CB and CD series
Oil bath air filter for Lombardini engines
REVERSIBLE PLATES
Vulkollan pad for CR series
Water tank system for reversible plates series CR up to 200 kg
Oil bath air filter for Lombardini engines
STONECUTTER
Blade set for T31 stonecutter
Blade set for T41 stonecutter

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



note



Via Romitaggio, 31 - 43010 Bianconese di Fontevivo (Parma - Italy)

Tel. +39 0521 619298

www.batmatic.it e-mail: batmatic@batmatic.com

