



We Know Compaction



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THIS IS WEBER MT

Weber Maschinentechnik GmbH specializes in making hand-guided compacting equipment. Founded in 1952, our family business is now managed by the third generation with ardent passion for technology and a deep commitment to superior quality. We owe our success and the long years of customer confidence in no small part to our innovative prowess and dependability.

The key factors for the long-term success of any business are quality, know-how and customer service. Our cooperation as partners with customers and suppliers has put us in a position to develop highly advanced and innovative machines and technologies while striving to optimize them in an ongoing basis.

Digital solutions designed to enhance the safety of the machines and ease the daily workload on countless construction sites round off Weber MT's product selection. What is more, 10 % of our workforce specialize in product development.

This allows us to offer machines for the construction industry that are efficient, robust and on the cutting edge - with a promise of quality that we live up to day in and day out.







SPECIALISTS IN SERVICE

Our company headquarters in Bad Laasphe is the point of contact and home for 200 expertly trained specialists world-wide working in administration, product development, manufacturing, sales, and service. These employees are very special as they are paramount to the success of our company.

To satisfy the specific requirements of our customers, we manufacture our products at state-of-the-art production facilities and in accordance with standardized quality specifications.

Boasting many years of experience, our specialists in after-sales service are there for our customers even after they have made their purchase. Whether they require personal advice in ordering spare parts or seminars on the topics of machine application, repairs and maintenance, our customers are given genuine added value by our specialists.

Weber MT products – “Made in Germany” – have garnered a successful position on the international market. Our customers can trust in our dependable pre- and after-sales service thanks to our sales and distribution network that spans the globe with various sales offices and subsidiaries.



VIBRATORY PLATES / PAVER ROLLERS / BATTERY TECHNOLOGY

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PAVER ROLLER VPR 450 / VPR 700



There is an increasing popularity of using large-size slabs and pavers for Hardscape Projects. Weber MT has now come up with the perfect solution for compacting these materials in a gentle and efficient manner: The VPR 450 and VPR 700 paver rollers.

The rollers allow the machine to press delicate concrete slabs with relatively low thickness gently into their bedding. The machine is just as effective when it comes to vibrating the sealing sand into the joints.

As the VPR 700 is especially made for larger surfaces, the VPR 450 is more suitable for smaller surfaces and even smaller paving plates.





VPR 450



VPR 700

VPR RANGE

TYPE	VPR 450	VPR 700
Operating weight CECE, kg	108	175
Working width, cm	42	67
Centrifugal force, kN	8	14
Frequency, Hz	100	100
Engine	Honda GX 160 4-stroke, gasoline	Honda GX 160 4-stroke, gasoline
Engine output max., kW (HP)	3.6 (4.9)	3.6 (4.9)
Power output at operating speed	2.7 (3.7) at 3,200 kW (HP) at r.p.m.	2.7 (3.7) at 3,200 kW (HP) at r.p.m.
Working speed, m/min	Machine is advanced by the operator	Machine is advanced by the operator



VIBRATORY PLATES CF / CFR



The vibratory plate compactors of the CF 2 and CF 3 series distinguish themselves by premium operating comfort, compact dimensions and optimum running characteristics. Their fields of application: compaction work in landscaping and repair work.

The special low-vibration guide bar (CF 2 and CF 3) reduces the hand/arm vibrations and ensures comfortable work. In addition, the guide bar features a soft, user-friendly plastic coating.

The CF 2 A Hd was specially designed for asphalt compaction.

The CFR 90 is an alternative to the "standard" vibratory plates. The almost round base plate allows for high maneuverability in confined areas, for example in cable trenches or along curbs.





CFR 90



CF 1 BS

CFR / CF 1 RANGE

TYPE	CFR 90	CF 1 BS
Operating weight CECE, kg	90	63
Working width, cm	43	35
Centrifugal force, kN	14	10
Frequency, Hz	85	95
Engine	Honda GX 160 4-stroke, gasoline	Briggs & Stratton XR 3,5 4-stroke, gasoline
Engine output max., kW (HP)	3.6 (4.9)	2.6 (3.6)
Power output at operating speed	2.9 (4.0) at 3,600 kW (HP) at r.p.m.	2.4 (3.3) at 3,000 kW (HP) at r.p.m.
Working speed, m/min	26	26



VIBRATORY PLATES



CF 2-II Hd



CF 2 A Hd

Picture with accessories



CF 3-II H

Picture with accessories

CF 2 / CF 3 RANGE

TYPE	CF 2-II Hd	CF 2 A Hd	CF 3-II Hd / CF 3 / 60 Hd	CF 3-II H / CF 3 / 60 H
Operating weight CECE, kg	83	82	94 / 107	108 / 122
Working width, cm	45	45	50 / 60	50 / 60
Centrifugal force, kN	15	15	20	20
Frequency, Hz	95	95	95	95
Engine	Honda GX 160 4-stroke, gasoline	Honda GX 160 4-stroke, gasoline	Honda GX 160 4-stroke, gasoline	Hatz 1B20 Diesel
Engine output max., kW (HP)	3.6 (4.9)	3.6 (4.9)	3.6 (4.9)	3.4 (4.6)
Power output at operating speed	2.5 (3.4) at 3,000 kW (HP) at r.p.m.	2.5 (3.4) at 3,000 kW (HP) at r.p.m.	2.5 (3.4) at 3,000 kW (HP) at r.p.m.	3.1 (4.2) at 3,000 kW (HP) at r.p.m.
Working speed, m/min	26	26	26	26

→ AVAILABLE ACCESSORIES

- Integrated wheel kit.
- Water sprinkler system (for asphalt compaction).
- Polyurethane pad.



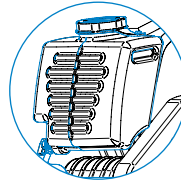
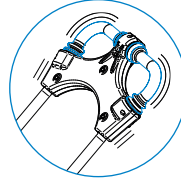
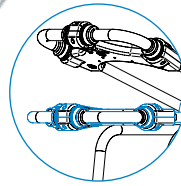
VIBRATORY PLATE CF 2 HD

A powerful light-weight



ADVANTAGES

- Compact machine dimensions.
- Durable and rugged construction.
- High working speed, good operating characteristics.
- Foldable, low-vibration guide bar.
- Work without getting tired thanks to a low hand-arm vibration.
- Remote control throttle, throttle lever on the guide bar.
- Protection of engine and machine with engine protection frame.
- Water sprinkler system with 12 liter tank (optional).
- Integrated wheel kit (optional).



AREAS OF APPLICATION

- Landscape.
- Compacting asphalt or pavers for maintenance.

BATTERY POWERED COMPACTION EQUIPMENT

Weber MT offers new opportunities for emission sensitive and restricted areas:
Machines with Battery and DC-engine technology.

This makes it possible to work in closed rooms, deeper trenches, and in emission-regulated cities.

The base for our newly developed, battery-powered machines are the associated models with gasoline engines. In terms of performance and work results, vibratory plates, reversible plates, vibratory rammers, and paver rollers with batteries are in no way inferior to comparable gasoline machines.



TYP	SRE 590 DC / SRE 590 DC SF	CF 2 DC / CF 3 DC	CFR 90 DC	CR 2 DC / CR 2/55 DC	VPR 700 DC / VPR 450 DC
Operating weight (incl. battery), kg	68	87 / 102	96	143 / 153	183 / 114
Operating weight (without battery), kg	62	81 / 96	90	137 / 147	177 / 108
Working width, cm	28 / 20	45 / 50	43	45 / 55	67 / 42
Centrifugal force / Stroke force, kN	17.5	15 / 20	14	20	14 / 8
Engine	Honda GXE 2.0	Honda GXE 2.0	Honda GXE 2.0	Honda GXE 2.0	Honda GXE 2.0
Engine output, kW	1.8	1.8	1.8	1.8	1.8
Operating speed, 1/min.	3,000 / 3,300 / 3,600	3,600	3,600	3,600	3,600
Working speed, m/min.	21	26	26	21	Machine is advanced by the operator



CF 2 DC

CF 3 DC

CFR 90 DC

CR 2 DC

VPR 700 DC

BATTERY TECHNOLOGY RANGE

ADVANTAGES

- One battery fits all machines of the new Weber MT DC-Line. Tool free and easy change of the Battery.
- Combination of Battery and DC-Engine are especially designed for small construction machines.
- Simple and convenient push button Start/Stop of the engine.
- Direct feedback about state of charge on each battery, as well as self-diagnostic with fault indication. Intuitive and self-explanatory operating of the engine.
- Battery and engine requires less maintenance compared to conventional gasoline engines.
- No direct CO₂-emission, no petrol fumes, no contamination of soil or paved surfaces with gasoline.

TYPE	AKKU LI-ION
Weight, kg	6,4
Energy contentg, Wh	720
Charging time (0-100%), hours	1,5

TYPE	BATTERY CHARGER HONDA
Weight, kg	11
Power connection	230 V, 50 Hz, max. 10 A



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SOIL COMPACTORS

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SOIL COMPACTORS CR



CR 2

The reversible CR soil compactors stand out above the competition with their superb compacting capacity and superior efficiency. Machines made by Weber MT are always the number one choice – whether they are needed for classic applications in road building and civil engineering or for embedding paving stones.

Their balanced operating characteristics and exceptionally smooth operation with low hand-arm vibrations provide for superb ease of use.



CR 3



CR 1-III Hd



CR 2 Hd



CR 2

CR 1 / CR 2 RANGE

TYPE	CR 1-III Hd	CR 2 Hd / CR 2 / 55 Hd	CR 2 / CR 2 / 55
Operating weight CECE, kg	94	143 / 150	156 / 164
Working width, cm	35	45 / 55	45 / 55
Centrifugal force, kN	15	25	25
Frequency, Hz	100	100	100
Engine	Honda GX 160 4-stroke, gasoline	Honda GX 160 4-stroke, gasoline	Hatz 1B20 Diesel
Engine output max., kW (HP)	3.6 (4.9)	3.6 (4.9)	3.4 (4.6)
Power output at operating speed	2.5 (3.4) at 3,000 kW (HP) at r.p.m.	2.7 (3.7) at 3,350 kW (HP) at r.p.m.	3.1 (4.2) at 3,000 kW (HP) at r.p.m.
Working speed, m/min	0 – 22	0 – 22	0 – 22


→ AVAILABLE ACCESSORIES

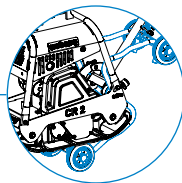
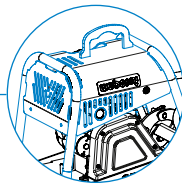
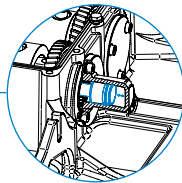
- Polyurethane pad for pavers.
- Water tank for asphalt compaction.
- Integrated wheel kit (CR 2 - standard).

REVERSIBLE SOIL COMPACTOR CR 2

The light all-rounder

ADVANTAGES

- Infinitely variable forward and reverse travel.
- Variable hydraulic shifting allows for superior accuracy even when working in challenging areas.
- Work without getting tired thanks to a height-adjustable guide bar and low hand-arm vibration handles.
- Engine protection frame and cover to protect life of machine and engine.
- Standard feature: integrated and rugged wheel kit.



AREAS OF APPLICATION

- Landscape.
- Compacting asphalt or pavers for maintenance.
- Sand, gravel, pavement and asphalt compaction applications.





CR 3 Hd



CR 3-B



CR 3-B E

CR 3 RANGE

TYPE

CR 3-B Hd /
CR 3/60-B Hd

CR 3-B /
CR 3/60-B
CR 3-B E /
CR 3/60-B E

Operating weight CECE, kg	208 / 213	208 / 213 / 224 / 229
Working width, cm	50 / 60	50 / 60
Centrifugal force, kN	35	35
Frequency, Hz	80	80
Engine	Honda GX 270 4-stroke, gasoline	Hatz 1B20 Diesel
Engine output max., kW (HP)	6.3 (8.6)	3.4 (4.6)
Power output at operating speed	4.6 (6.3) at 3,000 kW (HP) at r.p.m.	3.1 (4.2) at 3,000 kW (HP) at r.p.m.
Working speed, m/min	0-24	0-24

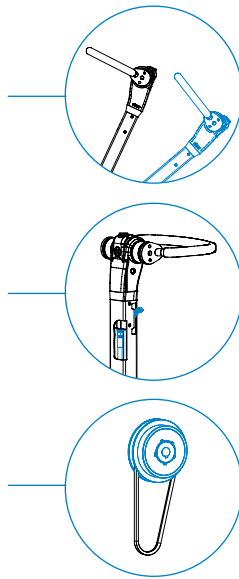


REVERSIBLE SOIL COMPACTOR CR 3

The all-rounder in a timeless design

ADVANTAGES

- Hydraulic control for infinitely variable forward and reverse travel.
- Low hand/arm vibrations.
- Ergonomic handle.
- Work without getting tired thanks to a height-adjustable guide bar and low hand-arm vibration handles.
- Throttle cable and switch located inside the guide bar.
- The engine is protected against external damage by a rugged protection frame and engine cover.
- Low maintenance requirements thanks to the centrifugal clutch with automatic tensioning feature.
- Simple maintenance as all maintenance components are easily accessible.
- Safe and quick loading thanks to the large, folding lifting eye.
- Higher operating convenience with electric starter.
- All models with cyclone pre-filter.

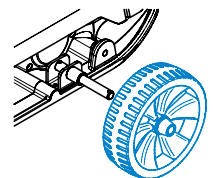


AREAS OF APPLICATION

- Landscape.
- Sand and gravel compaction applications.
- Compaction of paving stones.

→ AVAILABLE ACCESSORIES

- Polyurethane pad.
- Wheel kit.





CR 5 Hd



CR 5 E



CR 5 Y

CR 5 RANGE

TYPE	CR 5 Hd	CR 5 / CR 5 E	CR 5 Y / CR 5 YE
Operating weight CECE, kg	280	296 / 311	286 / 301
Working width, cm	55 (70)	55 (70)	55 (70)
Centrifugal force, kN	42	42	42
Frequency, Hz	75	77	77
Engine	Honda GX 270 4-Takt-Benzin	Hatz 1B30 Diesel	Yanmar L70 Diesel
Engine output max., kW (HP)	6.3 (8.6)	5,0 (6,8)	4.8 (6.6)
Power output at operating speed	4.6 (6.3) at 3,000 kW (HP) at r.p.m.	4.6 (6.2) at 3,000 kW (HP) at r.p.m.	4.6 (6.2) at 3,450 kW (HP) at r.p.m
Working speed, m/min	0 – 25	0 – 25	0 – 25

→ AVAILABLE ACCESSORIES

- Extension plates.
- Polyurethane pad.



SOIL COMPACTORS



CR 7

Apart from the standard features including E-start, other features are also offered for CR 6 to CR 9 soil compactors with Hatz diesel engine. The features available in the "MDM" and the "CCD 2.0" versions of these models include, respectively, an engine data management system and the COMPATROL® compaction control system. Also available is WSA (Weber Smart Assist). See pages 33 - 35.



CR 9



CR 6 Hd



CR 6



CR 6 WSA

CR 6 RANGE

TYPE	CR 6 Hd / CR 6 Hd CCD	CR 6 / CR 6 MDM / CR 6 CCD 2.0	CR 6 WSA / CR 6 WSA DPF
Operating weight CECE, kg	360 / 388	412 / 414 / 414	428 / 434
Working width, cm	(45) 59 (74)	(45) 59 (74)	49 (59)
Centrifugal force, kN	55	55	55
Frequency, Hz	72	72	72
Engine	Honda GX 390 4-stroke, gasoline	Hatz 1B40 Diesel	Hatz 1B50E Diesel
Engine output max., kW (HP)	8.7 (11.9)	7.3 (10.0)	7.9 (10.8)
Power output at operating speed	6.4 (8.8) bei 2,750 kW (HP) at r.p.m	6.5 (8.9) bei 2,750 kW (HP) at r.p.m	7.2 (9.9) bei 2,750 kW (HP) at r.p.m
Working speed, m/min	0–27	0–27	0–27



SOIL COMPACTORS



CR 7-B- Hd



CR 7-B



CR 7-B- E1 DPF WSA 2.0

CR 7-B RANGE

TYPE	CR 7-B / CR 7-B MDM / CR 7-B CCD 2.0 / CR 7-B WSA 2.0		
	CR 7-B Hd / CR 7-B Hd CCD	CR 7-B E1 DPF WSA 2.0	
Operating weight CECE, kg	428 / 453	475 / 475 / 476 / 475	485
Working width, cm	65 (80)	65 (80)	65 (80)
Centrifugal force, kN	65	65	65
Frequency, Hz	74	74	74
Engine	Honda GX390 4-stroke, gasoline	Hatz 1B40 Diesel	Hatz 1B50E Diesel
Engine output max., kW (HP)	8.7 (11.9)	7.3 (10.0)	7.9 (10.8)
Power output at operating speed	6.4 (8.8) at 2,750 kW (HP) at r.p.m.	6.5 (8.9) at 2,750 kW (HP) at r.p.m.	7.2 (9.9) at 2,750 kW (HP) at r.p.m.
Working speed, m/min	0-27	0-27	0-27

→ AVAILABLE ACCESSORIES

- Extension plates.
- Polyurethane pad.



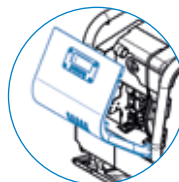
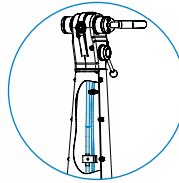
REVERSIBLE SOIL COMPACTOR CR 7

Performance and comfort in a timeless design



ADVANTAGES

- Infinitely variable hydraulic shifting mechanism used for forward and reverse travel.
- Low hand-arm vibrations.
- To ensure they are protected, hydraulic hoses are located inside the guide bar.
- Work without getting tired thanks to a height-adjustable guide bar.
- The engine is protected against external damage by a rugged protection frame and engine cover.
- Low maintenance requirements thanks to the centrifugal clutch with automatic tensioning feature.
- Simple maintenance as all maintenance components are easily accessible via hinged hood.
- Quick and safe loading thanks to large, hinged lifting eye.
- Can be lashed securely for transport thanks to additional eyelets in the engine console.
- Flexible operation with regards to working widths thanks to extension plates.
- E-start with operating hour meter as well as oil and voltage control.



Standard



MDM Engine protection



Compaction control system
COMPATROL® 2.0



Weber Smart Assist



AREAS OF APPLICATION

- Landscape/Hardscape and building construction.
- Road building and civil engineering.
- Compaction of paving stones.
- Sand and gravel compaction applications.

SOIL COMPACTORS



CR 8



CR 8 WSA

CR 8 RANGE

TYPE	CR 8 Hd CCD	CR 8 / CR 8 MDM / CR 8 CCD 2.0	CR 8 WSA
Operating weight CECE, kg	552	601 / 605 / 605	608
Working width, cm	70 (85)	70 (85)	70 (85)
Centrifugal force, kN	75	75	75
Frequency, Hz	67,5	67,5	67,5
Engine	Honda GX 390 4-stroke, gasoline	Hatz 1D81S Diesel	Hatz 1D90E Diesel
Engine output max., kW (HP)	8.7 (11.9)	10.0 (13.7)	10.5 (14.4)
Power output at operating speed	6.4 (8.8) at 2,700 kW (HP) at r.p.m	9.4 (12.9) at 2,700 kW (HP) at r.p.m	10.3 (14.1) at 2,850 kW (HP) at r.p.m
Working speed, m/min	0-27	0-27	0-27

AREAS OF APPLICATION

- Road building and civil engineering.
- Foundation base prep.
- Sand and gravel compaction applications.



Intuitive, easy operation.



CR 9-II Hd CCD



CR 9-II



CR 9 WSA

CR 9 RANGE

TYPE	CR 9-II Hd CCD	CR 9-II / CR 9-II MDM / CR 9-II CCD 2.0	CR 9 WSA
Operating weight CECE, kg	672	736 / 740 / 740	743
Working width, cm	75 (90)	75 (90)	75 (90)
Centrifugal force, kN	100	100	100
Frequency, Hz	65	65	65
Engine	Honda GX 630 4-stroke, gasoline	Hatz 1D90S Diesel	Hatz 1D90E Diesel
Engine output max., kW (HP)	15.5 (21.2)	11.0 (15.0)	10.5 (14.4)
Power output at operating speed	10.5 (14.4) at 3,000 kW (HP) at r.p.m	10.8 (14.8) at 2,900 kW (HP) at r.p.m	10.3 (14.1) at 2,850 kW (HP) at r.p.m
Working speed, m/min	0–30	0–30	0–30



Optional: Compaction control system / engine protection.

REVERSIBLE SOIL COMPACTOR CR 9

The premium class



ADVANTAGES

- Infinitely variable hydraulic shifting mechanism used for forward and reverse travel.
- Precise, reliable and convenient switch between forward and reverse travel.
- Low hand/arm vibration.
- To ensure they are protected, hydraulic hoses are located inside the guide bar.
- Work without getting tired thanks to a height-adjustable guide bar.
- The engine is protected against external damage by a rugged protection frame and engine cover.
- Low maintenance requirements thanks to the centrifugal clutch with automatic tensioning feature.
- Simple maintenance as all maintenance components are easily accessible.
- Quick and safe loading thanks to large, hinged lifting eye.
- Flexible operation with regards to working widths thanks to extension plates.
- E-start with operating hour meter as well as oil and voltage control.
- Improved operational safety thanks to MDM engine management for air filter, oil pressure, battery voltage, etc.

→ EQUIPMENT



Standard



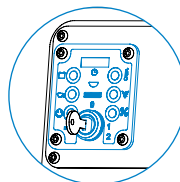
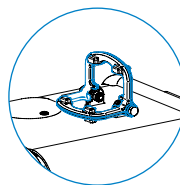
MDM Engine protection



Compaction control system
COMPATROL® 2.0



Weber Smart Assist



→ AVAILABLE ACCESSORIES

- Extension plates.

ENGINE PROTECTION MDM

Reversible soil compactors CR 6 MDM, CR 7 MDM, CR 8 MDM, CR 9 MDM

To increase safety in every-day life at the construction site, Weber MT will rely on comprehensive engine data management system from now on. MDM-engine protection constantly checks all essential parameters of the engine: The engine will shut-off automatically if the MDM discovers that the engine oil pressure / oil level is too low, the engine temperature is too high or the air filter is full. If this happens, the operator is notified accordingly by an LED indicator. This safeguard makes disastrous engine failures caused by insufficient maintenance a thing of the past. Better still, the system also indicates when the engine needs to be serviced. E-start and hour meter are standard.



Warning light indicating insufficient battery voltage.



Low oil pressure warning. Cutoff when oil pressure is too low.



Meter indicating hours until next servicing.



Engine cutoff after 3 minutes when the engine temperature exceeds permissible limits.



Engine cutoff after 10 minutes when the air filter is dirty.



COMPATROL® 2.0

The continuous compaction control system



Reversible soil compactors CR 6 CCD 2.0, CR 7 CCD 2.0, CR 8 CCD 2.0, CR 9 CCD 2.0

The compaction control COMPATROL® CCD 2.0 enables even more constant and comprehensive compaction. Weak points can be easily recognized and – what is important – repaired in time. Therefore, less passes are necessary. That saves time and money. Up to 25 % of time can be saved with the help of COMPATROL® CCD 2.0.

The MDM engine protection is already included in COMPATROL® CCD 2.0. Thereby it offers double safety.



ADVANTAGES

MDM version plus the following features

- COMPATROL® 2.0 allows for uniform compaction across the entire compacted surface.
- Weak points in the soil can be detected and corrected quickly.
- Easy-to-understand and self-explanatory LED display.
- Savings in cost/time of up to 25 % due to fewer passes.

How the compaction control COMPATROL® 2.0 works: !

The base plate of the soil compactor is fitted with a sensor. This sensor measures the changes in vibration characteristics during compacting to calculate the soil stiffness. The result is indicated to the operator with an LED scale on the display. If no additional diodes turn on while the next pass, that means: Maximum compaction has been achieved.

WEBER SMART ASSIST



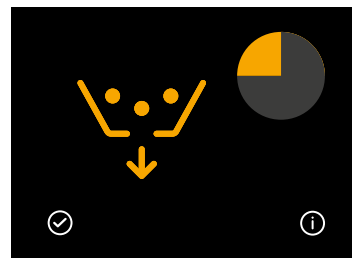
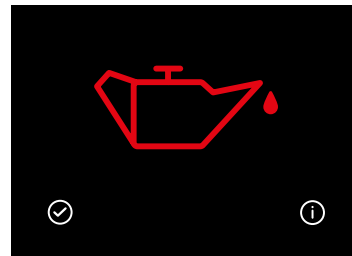
The Weber Smart Assist (WSA) merges the COMPATROL® compaction control with comprehensive engine protection and user assistance into a congruous unit.

Symbols indicate to the operator when the engine protection has detected an error – for example, a clogged air filter or insufficient oil pressure.



The so-called info screen provides the operator with scores of data about the engine and the machine.

The Weber Smart Assist is part of the soil compactors CR 6 WSA, CR 7 WSA, CR 8 WSA and CR 9 WSA.



Using graphical representations, the display supports step-by-step troubleshooting / the performance of maintenance work.



VIBRATORY RAMMERS

SRV 300	39
SRV 590	40 - 41
SRV 620	40
SRV 660 Hd	40
SRX 750 D	39



VIBRATORY RAMMERS SRV / SRX



Excellent compaction results, exemplary operating comfort and rugged design are the essential requirements vibratory rammers must meet. Customers looking to purchase a premium quality rammer need to look no further than the powerful machines being offered by Weber MT.

Regardless of the job requirements Weber MT has a rammer to meet the customer's needs, from earth compaction in sewage and trench construction, backfill, shoulder compaction or patching repairs in road construction or hardscape and landscape projects.





SRV 300-II



SRX 750-II D

SRV 300 / SRX 750 RANGE

TYPE	SRV 300-II / SRV 300-II SF	SRX 750-II D
Operating weight CECE, kg	32	85
Shoe width, cm	14 / 9.5	28
Percussion rate max. 1/min	790	670
Stroke force, kN	9.1	28.9
Engine	Honda GX50 4-stroke, gasoline	Yanmar L48 Diesel
Engine output max., kW (HP)	1.5 (2.0)	3.5 (4.8)
Power output at operating speed	1.5 (2.0) at 6,900 kW (HP) at r.p.m	3.5 (4.8) at 3,600 kW (HP) at r.p.m



AREAS OF APPLICATION

- For compaction in confined spaces and tamping around pipes (SRV 300).
- Road building, civil engineering, compaction in sewage, trench construction, landscape, earth compaction.
- Compaction of smaller surfaces. Repair work.
- Sand and gravel compaction applications.



SRV 590-II



SRV 620-II



SRV 660-II Hd

SRV RANGE

TYPE	SRV 590-II / SRV 590-II SF	SRV 620-II / SRV 620-II SF	SRV 660-II Hd
Operating weight CECE, kg	62	66	70
Shoe width, cm	28 / 20	28	28
Percussion rate max. 1/min	700	700	700
Stroke force, kN	18.3	18.2	20.9
Engine	Honda GXR120 4-stroke, gasoline	Honda GXR120 4-stroke, gasoline	Honda GXR120 4-stroke, gasoline
Engine output max., kW (HP)	2.7 (3.7)	2.7 (3.7)	2.7 (3.7)
Power output at operating speed	2.6 (3.6) at 4,100 kW (HP) at r.p.m.	2.6 (3.6) at 4,100 kW (HP) at r.p.m.	2.6 (3.6) at 4,100 kW (HP) at r.p.m.

AREAS OF APPLICATION

- Road building, civil engineering, compaction in sewage, trench construction, landscape, earth compaction.
- Compaction of smaller surfaces. Repair work.
- Sand and gravel compaction applications.

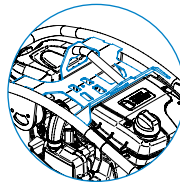
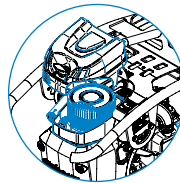
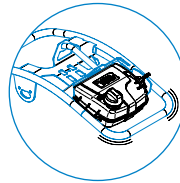
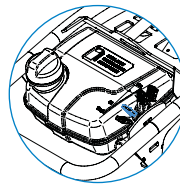


VIBRATORY RAMMER SRV 590

Comfortable – Powerful – Durable



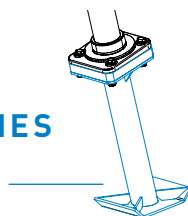
ADVANTAGES



- High tamping outputs.
- Throttle control with defined adjustments for engine stop, idle speed, reduced speed and full speed.
- Work without getting tired thanks to the hand/arm vibration.
- The highly efficient air filtration system with cyclone pre-cleaner protects the engine against dirt.
- Low engine oil warning during start-up, the electronics reliably measures the engine oil level. An LED lights up to indicate a lack of engine oil.
- Robust engine protection.
- Low maintenance efforts.
- A durable tamping system with an active oil lubrication, providing reliable oil support to all components in the crankcase.
- Damage to the tamping system is being prevented through block impact protection.
- Hour meter.
- Easy transport through carrying handles and rolls.
- Fuel filter in tank and fuel line.

→ AVAILABLE ACCESSORIES

- Wheel kit.
- Rammer foot extension.



VIBRATORY ROLLERS / TRENCH ROLLERS

DVH 600 / DVH 655 E /

HPR 65 45

MC 85 46 - 47



VIBRATORY ROLLERS DVH / HPR TRENCH ROLLER MC



DVH 655



MC 85

The hydrostatic vibratory rollers were developed particularly for use on footpaths, cycle ways, edges and parking lots. They are optimally to compact asphalt and even granular material like sand and gravel. The working speed is infinitely variable due to the hydrostatic drive. DVH rollers have set standards not only with regard to design, but also in performance, longevity, operational safety and environmental protection.

The MC trench roller from Weber MT is designed for maximum performance on cohesive soils, in trench and pipeline constructions, when compacting foundations and backfill and in road construction. They are ideally suited for use on heavy, humid or cohesive soils, where conventional soil compactors would fail. The hydraulic articulated steering allows for easy manoeuvring even in confined spaces.

VIBRATORY ROLLERS DVH / HPR



DVH 600



DVH 655 E



HPR 65

DVH / HPR RANGE

TYPE	DVH 600	DVH 655 E	HPR 65
Operating weight CECE, kg	420	732	840
Working width, cm	65	65	65
Centrifugal force, kN	10	21	22
Frequency, Hz	60	62	58
Engine	Kohler KD15 350 Diesel	Kohler KD15 440 Diesel	Kohler KD15 440 Diesel
Engine output, max., kW (HP)	5.5 (7.5)	7.5 (10.3)	7.5 (10.3)
Power output at operating speed	4.6 (6.3) at 3,000 kW (PS) at r.p.m.	6.3 (8.6) at 3,300 kW (PS) at r.p.m.	7.3 (10.0) at 3,600 kW (PS) at r.p.m.
Working speed, m/min	0 – 58	0 – 75	0 – 75

ADVANTAGES

- Low maintenance and easily accessible Diesel engine mounted at the front of the machine.
- Foldable, lockable guide bar for easy transport.
- Free of sides or small lateral projection allows working close to walls.
- Safe loading thanks to central lifting eye.
- Mechanical parking brake to prevent unintended movements.

MC 85 TRENCH ROLLER



MC 85 RANGE

The MC 85 Trench Roller (Multipurpose compactor) shows its strengths particularly on cohesive soils, which are often difficult to compact. The high centrifugal force along with the kneading effect of the sheepfoot rollers enables even heavy clay or soils with high water content to be compacted.

The hydraulic articulated steering offers good traction without the freshly compacted soil being torn open when the drums turn. Trench rollers are used to compact base layers for foundations, paths or parking lots: for backfills: in pipeline and sewer construction.

TYPE

MC 85 / MC 85 CCD / MC 85 SD

Operating weight CECE, kg	1.628
Drum width, cm	82
Centrifugal force, kN	73 / 36
Frequency, Hz	42
Engine	Kubota D1005 3-cylinder, water-cooled
Engine output, max., kW (HP)	17.5 (24)
Power output at operating speed	14.3 (19.6) at 2,600 kW (HP) at r.p.m.
Fuel consumption L/h	3.1
Working speed, km/h	1.4
Travel speed km/h	3.1

MC 85 TRENCH ROLLER



ADVANTAGES

- Water-cooled, 3-cylinder Kubota diesel engine – innovative and powerful. Meets the current emissions standards (Stage V and TIER 4f).
- Low operating costs: Eco mode switches the engine to idle speed when the remote control is not being operated.
- High operational reliability and ease of use: The fail-safe radio remote control is self-explanatory.
- Service-friendly: Machine diagnostics can be carried out via the radio remote control.
- Wide-hinged engine hood (lockable).
- Safety for the operator: The machine stops if the distance between the operator and the machine is closer than 2 m (6.5 ft.)
- Long service life of the machine: The exciter housing is completely sealed within the rollers – this prevents damage caused by water ingress. All hydraulic hoses are securely installed and fully protected against chafing or damage.
- Easy maintenance: The oil-lubricated vibration exciters ensure a long service life.
- Versatile: The choice between two compaction settings (36 and 73 kN – 8,093 and 16,411 lbs.) enables universal use on construction sites.
- Also available with compaction control system (CCD).



MC 85 SD – Multipurpose compactor with smooth drums.



Intuitive and easy to understand radio remote control – fail-safe and reliable.

48

CONCRETE TECHNOLOGY

IVUR.....	50 – 51
IV.....	52
WU / EFU	53



INTERNAL VIBRATORS

IVUR (III-Generation)



IVUR 40-III
5 m protection hose,
10 m connection cable



IVUR 58-III
5 m protection hose,
10 m connection cable



IVUR 50-III D
0,8 m protection hose, handle,
10 m intermediate cable and 10 m connection cable

IVUR RANGE

IVUR internal concrete vibrators of generation III merge internal vibrator and frequency converter into one comprehensive unit. They offer the ideal solution for professional concrete compaction. The integration of the electronic frequency converter in the switch housing is space-saving. The electronic system comes with a variety of fail-safes: Sensors monitor against overheating of the motor winding and electronics as well as against surges or low voltage and excess current. Even greater safety is provided by the models with protective conductor monitoring (such as the IVUR 58-III Pro). Their electronic system actively checks for the presence of the protective conductor. IVUR internal concrete vibrators come standard with a five-meter protection hose and a 10 meter connecting cable. The units of the IVUR-D versions are equipped with a 0.8 m protection hose and a handle.

TYPE	IVUR 40-III / IVUR 40-III Pro	IVUR 50-III / IVUR 50-III Pro	IVUR 58-III / IVUR 58-III Pro
Operating weight CECE, kg	11,5 / 11,5	14,7 / 14,7	16,6 / 16,6
Vibrator diameter, mm	40	50	58
Vibrator length, mm	330	370	420
Rated output, W	625	875	1.125
Input amperage, max., A	3,0	4,5	5,7
Voltage, V	230	230	230

TYPE	IVUR 40-III-D / IVUR 40-III-D Pro	IVUR 50-III-D / IVUR 50-III-D Pro	IVUR 58-III-D / IVUR 58-III-D Pro
Operating weight CECE, kg	11,3 / 11,3	13,1 / 13,1	15,0 / 15,0
Vibrator diameter, mm	40	50	58
Vibrator length, mm	330	370	420
Rated output, W	625	875	1.125
Input amperage, max., A	3,0	4,5	5,7
Voltage, V	230	230	230

INTERNAL VIBRATORS

IVUR (III-Generation)



ADVANTAGES

- High safety standard: The electronic system provides protection against short circuits and earth leakage as well as against overheating. The protective conductor monitor included in the IVUR-Pro checks if a protective conductor (ground potential) is present.
- Flexible converter electronics: Operating the internal vibrators with, for instance, power generators poses as the electronic system offers a wide input voltage range including voltage peaks of up to 400 V.
- Powerful and consistent in RPM-speed: Thanks to the high motor performance, the IVUR internal vibrators are powerful and provide consistent speed during compaction.

DETAIL OF THE INTERNAL VIBRATOR

- Rugged and long-lasting construction as the motor windings (stator) are cast in a way that offers vibration resistance (Insulation class H).
- Reliable protection against any “burning out” of the motor windings by thermal sensors.
- Reduced wear due to hardened pokers.
- Low life cycle costs thanks to the repair option for the pokers and available spare pokers.

DETAILS OF THE FREQUENCY CONVERTER

- Safe and long-lasting use of the unit thanks to the vibration-proof cast of the electronic system.
- No mains voltage drops or fuse trips thanks to the active inrush current limiter circuit.
- Quick troubleshooting in case of failures thanks to LEDs on the electronic system. Defective units can thus be quickly restored to operational readiness.
- Easy transport of the internal vibrator thanks to their compact design and low weight.

→ AVAILABLE ACCESSORIES

- Rubber heads.
- Spare pokers.
- Longer protection hose.



INTERNAL VIBRATORS IV



IV 58



IV 40 S



IV 58 D

IV RANGE

IV-concrete internal vibrators are connected to voltage converters (see next page).

TYPE	IV 31 (48 Volts)	IV 40 (48 Volts)	IV 50 (48 Volts)	IV 58 (48 Volts)
Operating weight CECE, kg	9.5	10.5	14.0	15.5
Vibrator diameter, mm	31	40	50	58
Vibrator length, mm	330	330	370	420
Rated output, W	750	625	875	1,125
Input amperage, max. A	10	8	15	16

IV-internal vibrators: 5 m protection hose, 15 m connection cable.

TYPE	IV 40 D (48 Volts)	IV 50 D (48 Volts)	IV 58 D (48 Volts)	IV 40 S (250 Volts)	IV 50 S (250 Volts)	IV 58 S (250 Volts)
Operating weight CECE, kg	7.5	9.5	11.0	12.0	16.0	17.5
Vibrator diameter, mm	40	50	58	40	50	58
Vibrator length, mm	330	370	420	330	370	420
Rated output, W	625	875	1,125	625	875	1,125
Input amperage, max. A	8	15	16	1.8	2.8	3.0

VOLTAGE CONVERTERS WU / EFU



EFU 1,3



EFU 3,8



WU 2,6 - 2RD

EFU / WU RANGE

TYPE	WU 1,8 - 1RD (230 Volts)	WU 2,6 - 2RD (400 Volts)	WU 4,0 - 3RD (400 Volts)
	Undercarriage is standard on WU 2,6 and WU 4,0		
Operating weight, kg	34	41	50
Output voltage, V	48	48	48
Power, kVA	1.8	2.6	4.0
Current output, A	25	36	55
Number of sockets	1	2	3
Dimensions, (L x W x H), cm	60 x 29 x 41	74 x 41 x 54	74 x 41 x 54

TYPE	EFU 1,3 (230 Volts)	EFU 1,3 S (230 Volts)	EFU 2,7-Twin (230 Volts)	EFU 3,8 (400 Volts)	EFU 5,6 (400 Volts)
Operating weight, kg	14,5	8,5	30	34	39
Output voltage, V	48	250	48 + 250	48	48
Power, kVA	1.3	1.3	2.7	4.0	6.0
Current output, A	16	4,5	32/7	48	75
Number of sockets	1	1	2 + 1	3	3
Dimensions, (L x W x H), cm	39 x 18 x 26		53 x 30 x 48	53 x 30 x 48	53 x 30 x 48

→ INFORMATION

Selection of voltage and frequency converters for operation of high frequency internal vibrators:

- The converter output voltage (volts) must always match to the voltage of the internal vibrator/-s (volts).
- The current consumption (ampere) of the internal vibrator should not be more than the current output of the converter (ampere).
- The number of the internal vibrators which could be connect ed to the converter is limited to the existing outlets.

CUTTING TECHNOLOGY

SM56 – 57



PAVEMENT SAWS SM



SM 82-3



SM 62-2 Hd



SM 57-2 Hd

SM RANGE

A cutting depth of 190 mm (7.5 in.) and a powerful gasoline engine emphasize the performance-oriented machine concept of the SM 82-3. Thanks to its rugged design, the machine efficiently handles a wide range of cutting tasks.

An engine balance shaft is provided for low-vibration running and a long blade life. In addition, the machine features a swivel arm for adjusting the cutting blade depth. The engine always remains in the horizontal position for an optimum lubrication.

The constant center of gravity increases the pressure on the cutting blade and thus ensures a smooth forward movement and a long service life of the cutting blade.

Cutting asphalt and concrete down to a depth of 145 mm (5.7 in.), the SM 62-2 Hd is the ideal solution of a wide range of small to medium-scale cutting tasks. Its powerful engine and balanced design ensure optimum efficiency. The engine features a balance shaft for low-vibration running and a long blade life. In addition, the SM 62-2 Hd comes standard with a swivel arm for adjusting the cutting blade depth. The engine always remains in the horizontal position. The constant center of gravity increases the pressure on the cutting blade and thus ensures a smooth forward movement and a long service life of the cutting blade.

The compact and rugged pavement saws of the SM-57-2 series are ideal solutions for daily cutting work. Thanks to their powerful engines, they allow quick and efficient cutting down to a depth of 120 mm (4.7 in.).

→ TECHNICAL DETAILS

- Indicator scale for cutting depth with preset device.
- Water tank.
- Water splash guard.

Diamond blades are available for asphalt or concrete cutting.



TYPE	SM 82-3	SM 62-2 Hd	SM 57-2 Hd
Operating weight CECE, kg	109	86	70
Cutting depth max., mm	190	145	120
Cutting disc diameter, mm	500	400	350
Engine	Honda GX390 4-stroke, gasoline	Honda GX390 4-stroke, gasoline	Honda GX270 4-stroke, gasoline
Engine output max. kW (HP)	8.7 (11.9)	8.7 (11.9)	6.3 (8.6)
Power output at operating speed	7.0 (9,6) at 3,600 kW (HP) at r.p.m.	7.0 (9,6) at 3,600 kW (HP) at r.p.m.	5.1 (7,0) at 3,600 kW (HP) at r.p.m.

SERVICE

webermt® – more than quality products

We are proud to service customers around the globe who have put their trust in our hand-guided compacting equipment “Made by Weber MT”. As a leading supplier of hand-guided compacting equipment, we engineer, manufacture and sell a product that we have mastered to perfection. Instead of satisfying regulatory standards, we satisfy needs and requirements. Our products and processes live up to the highest quality requirements.

You can trust that Weber MT will always treat you to exceptional service - in addition to providing you with a product performance that is without equal. Your spare part requests will always be processed and answered promptly by our qualified staff.



**IN-HOUSE
REPAIR SHOP**



**PERSONAL AND
RELIABLE SPARE
PARTS SERVICE**



**WORLD-WIDE
SALES NETWORK**



**MODERN R&D SYSTEMS –
A GUARANTEE FOR INNOVATIVE
PRODUCTS**



- 2 years warranty period is standard.



- Optionally extendable warranty up to 5 years.

Prefabricated service and repair-kits simplify the maintenance of your Weber MT machine.



Weber MT provides instructions on the handling and maintenance of the machines as well as service training courses.

Your distributor:



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