



Husqvarna®

BRING COMPACTION TO A NEW LEVEL



COMPACTION EQUIPMENT BY HUSQVARNA

FOR A BETTER WAY OF WORKING



DELIVERING COMPACTION PRODUCTIVITY LIKE NEVER BEFORE

Any building structure that is meant to last for a long time needs to be built on solid ground. Similarly, your business needs to be built on a solid foundation to last and Husqvarna is the partner you can trust to help build it. We provide the tools and solutions that help you deliver. Our concept builds on three basic principles: high-performing and well-designed quality equipment, a clear focus on efficiency, and a service and support network to back you up in any event. That is how we support you – with a better way of working.

HIGH PERFORMANCE PRODUCTS

Husqvarna's compaction equipment is developed for maximum productivity, performance and durability. Every little detail in your machine – from the ergonomic, vibration-damped handles to the hard, wear-resistant steel surface beating the soil – is designed to get the job done with maximum uptime and minimum service requirement.

FOCUS ON THE OPERATOR'S EFFICIENCY

The operator's efficiency is the key to high production rates and a high-quality job result. By designing the products for easy handling and reduced vibration in hands and arms we help you stay concentrated and sharp for the whole working day.



SUPPORT AND SERVICE YOU CAN COUNT ON

Our machines are built to provide maximum uptime, and so is our extensive service network. We are never far away when you need to consult a Husqvarna-trained technician or have any spares or service parts delivered.

Visit our website, www.husqvarnaccp.co.uk, to find your nearest Husqvarna Service Centre or authorised servicing dealer for Husqvarna Construction Products.



MASTERING THE TOUGHEST SOILS

Clay and silt are the toughest soils mother nature has to offer. To compact them you need high impact force and speed – and that's what the Husqvarna LT 5005 and LT 6005 tamping rammers deliver. Equipped with the purpose-built Honda GXR120 petrol engine, which is designed specifically for rammers, they will give you all the force you need with superb control, low noise and low emission. Start-up is always easy, even if you use your rammer less frequently.

Husqvarna LT rammers are ideal for trench and sewage systems, gardening and landscaping, compaction on backfill, foundations, patching and repairs. And despite their low weight, they still deliver the deep compaction you need

thanks to a combination of high centrifugal force and speed. They are easy to transport with rollers on the steering bar and lifting handle on the foot. The optional transport wheels make transportation even easier and also prevent excessive wear to the shock absorbers.

KEEP YOUR RAMMER IN SHAPE

Service saves you time and money. Thanks to smart design and high-quality components, maintenance is no hassle. All service points are easy to reach and most service work can be done on site. Use original parts and do regular servicing to ensure less downtime and longer service life.

TAMPERS



HUSQVARNA LT 6005

THROTTLE CONTROL

Three fixed positions for the throttle control, stop (gas line fully closed), idle and full speed.

GET CLOSER

The slimmed handles of the LT 5005 and LT 6005 enhances the ability to work in narrow spaces or close to obstacles.

LESS WEAR

A stopper prevents excessive wear on the shock absorbers during lifting and transporting.

SERVICE FRIENDLY

Easy access to all service points. The air filter can be replaced without using tools.

EASY TRANSPORT

The single lifting point and the roller on the front handle frame make transportation easier.

GREAT TRACTION

Balanced design gives excellent traction and manoeuvrability.

GRAB AND LOAD

Lifting handle on the back of the foot facilitates loading and transporting.

COMPACTION PERFORMANCE

High impact force and speed give outstanding compaction efficiency.

HUSQVARNA LT SERIES



LT 8005



LT 6005



LT 5005

For complete range and technical specifications see pages 20 – 23



GETTING THE WORK DONE FAST AND EASY

Our forward plates all have one thing in common – they keep you going without interruption. The part of the range specialised in granular soil has been designed for compacting thin to medium layers. Silt and gravel require good climbing capacity, high centrifugal forces and high speeds. Husqvarna LF 80 is fast and it belongs to the most powerful machines on the market weighing less than 100 kg.

All LF compactors are factory prepared for mounting a block paving kit to protect paving blocks from cracking. The patented low vibration handle is standard, and designed to minimise strain on your hands and arms as well as contribute to a safer, more productive and enjoyable workday.

FORWARD PLATE COMPACTORS > SOIL



DAMPING VIBRATION

In addition to the standard handle, all forward plates are equipped with a patented vibration damping handle that lowers the vibration levels below 2 m/s^2 , allowing for a full day's work.

SAVING SPACE

The handle completely folds over making transport and storage easier.

EASY LIFTING

The machine has a standard lifting eye for crane lifting. It's positioned to keep the machine in balance during lifting.

HUSQVARNA LF 80 L



FAST AND POWERFUL

According to customer feedback, Husqvarna LF 80 is among the fastest and most powerful machines in its weight class.

LONG BELT-LIFE

The lifespan of the V-belt is increased thanks to a cooling fan and a ventilated cover.

SMOOTH RESULT

The bottom plates have rounded edges to avoid marking the surface.

HUSQVARNA LF/LX SERIES



LF 130 LT

LF 80 L

LF 50 L

LX 90

For complete range and technical specifications see pages 20 – 23



MAKING ASPHALT TAKE THE PRESSURE

Asphalt can handle extreme temperature variances ranging from -30°C to $+60^{\circ}\text{C}$. Thorough compaction ensures asphalt is coping with the tough conditions. When asphalt has a high void content it can deform due to compaction from vehicles. Low void content makes it unstable and the surface will rut.

Water is especially important when compacting asphalt. Husqvarna's LF range has a removable water tank with an oversized, secure cap to make refills fast, easy and less

frequent. Water consumption is optimised with an easy to reach flow adjustment valve. The water flows without the need of piping that could get clogged or broken.

This specific range of forward plates is ideal for repair jobs and maintenance work, such as driveways, pathways and parking lots. The machines are easy to clean, leave no marks in the asphalt and are able to use whatever water is available on the construction site.

FORWARD PLATE COMPACTORS > ASPHALT AND SOIL



DAMPING VIBRATION

In addition to the standard handle, all forward plates are equipped with a patented vibration damping handle that lowers the vibration levels below 2 m/s², allowing for a full day's work.

SAVING SPACE

Fold the handle to save storage space.

EASY LIFTING

The machine has a standard lifting eye for crane lifting. It's positioned to keep the machine in balance during lifting. Fork lifting straps available as accessory.

EASY TRANSPORT

The LAT version features smart integrated transport wheels.

CUTTING DOWNTIME

The 13-litre corrosion-free water tank is very easy to hook on and off for speedy stops.

OPTIMISED WATER FLOW

The easily adjustable water flow provides optimum lubrication between the bottom plate and asphalt.

NON-STICK BOTTOM PLATE

The bottom plate is specially designed for asphalt work, not getting stuck on hot asphalt or leaving turning marks.

TUBELESS WATERING

The near maintenance-free patented water distribution system prevents asphalt from sticking to the plate.

HUSQVARNA LF 75 LAT



HUSQVARNA LF SERIES



LF 100 LAT

LF 80 LAT

LF 75 LAT

LF 60 LAT

For complete range and technical specifications see pages 20 – 23



MAXIMISING UPTIME AND EFFICIENCY

Our mid-size forward and reversible plate compactor family provides impressive traction, particularly on wet soil, thanks to high frequency, high centrifugal force and high amplitude. These models have an ergonomic design and easy access for service and maintenance. The compaction indicator helps you get it right the first time.

This range of compactors can handle both deep and medium-deep compaction of granular soils, and like all our forward and reversible plate compactors, they are an effective

alternative and complement to rollers when compacting soil in confined areas.

High speed and machine balance contribute to easy handling, even on rough surfaces. The vibration damped handle also contributes to easy handling as well. This, combined with overall ergonomics, enable the user to work for longer periods more effectively, staying concentrated on the task at hand.

FORWARD AND REVERSIBLE PLATE COMPACTORS > MEDIUM



ERGONOMICS ADD EFFICIENCY

The vibration damping handle allows you to work efficiently for hours.

KNOW WHEN YOU'RE DONE

The optional compaction indicator tells you when the ground is ideally compacted and when it's time to move on to the next task.

SERVICE MADE EASY

All service points are easily accessible.

MORE UPTIME

The heavy-duty protection frame with impact-resistant covers will protect both engine and transmission.

EASY OPERATION

The forward/reverse lever and fixed handle grip makes handling easy on all surfaces. You don't have to push/pull constantly during operation.

WEAR RESISTANT

The bottom plates on the LG-range are made from an extremely robust and wear resistant steel quality called Hardox 400.



GETTING THE JOB DONE JUST RIGHT – THE FIRST TIME

The optional Compaction Indicator available for Husqvarna LG 400 and LG 504 helps save both time and money. A clear system of indicator lights shows when sufficient compaction has been achieved. This also reduces the risk of over-compaction, which can lead to unsatisfactory end results and unnecessary wear on the machine. Together, your skills and the Compaction Indicator will master any soils or rockfill berths.

HUSQVARNA LG SERIES



LG 504

LG 400

HUSQVARNA LG 504

For complete range and technical specifications see pages 20 – 23



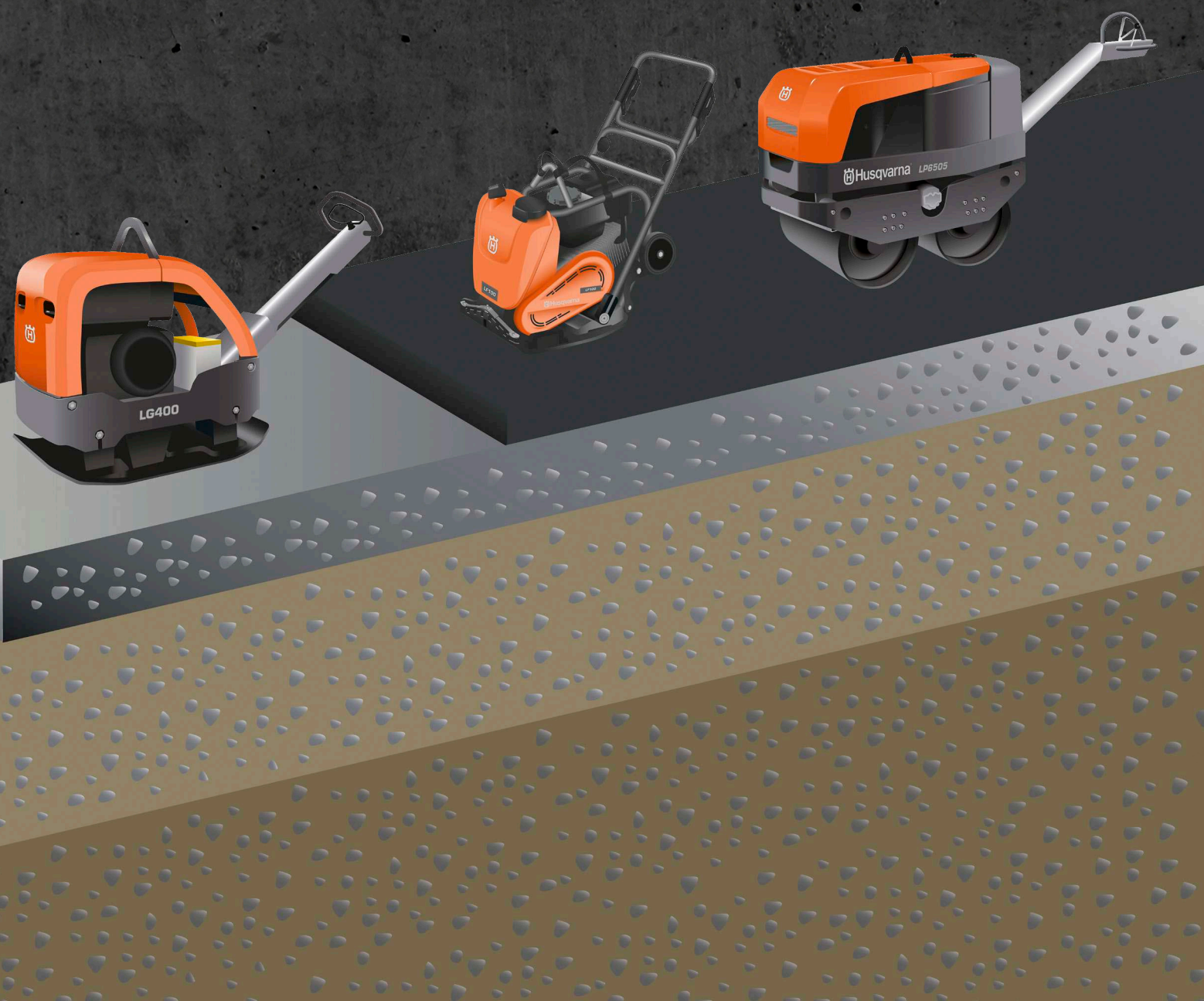
LIGHT IN WEIGHT, BIG ON IMPACT

This range of forward and reversible plate compactors with lower operating mass are developed for smaller jobs and lighter materials, such as driveways and pathways, private house projects and narrow trenches. These machines are ideal when macadam beds are thinner and you need a compactor that can move around corners fast. The lower operating mass and narrower bottom plates mean these models are nimble and responsive. Low vibration levels in the handles make you effective.

Husqvarna LG 300 is equipped with a diesel engine that only creates hand/arm vibrations of 1.7 m/s^2 . This means you will be more efficient as you can work longer without being exposed to harmful vibration levels. Both petrol and diesel engines have low fuel consumption and low emissions. The heavy-duty steel frame helps protect engine and transmission.



WILL HELP YOU CHOOSE THE BEST EQUIPMENT



TAMING THE FORCE OF DIESEL-POWERED HYDRAULIC SYSTEMS

When demands on quality and efficiency are high on large infrastructure projects, Husqvarna offers a range of fully hydraulic reversible plates. The hydraulic models make you effective in three ways.

The first is sheer power and the capacity to compact thick layers. Husqvarna LH 700 and LH 804 are our most powerful reversible plates, handling compaction of medium to thick layers of granular soils – from sand to rock fill. The ratio of size and compaction capacity also makes these machines a flexible and economical alternative to a roller in remote locations or confined spaces.

The second way is ease of use. You can control the power equivalent of a 10-tonne roller with just the tip of

your finger. With the Bluetooth remote control, Husqvarna LH 804 assists you even more when work gets tough. The Bluetooth remote control lets you work up to 30 metres distance, far away from obstacles, fumes and the risk of landslides. Since Bluetooth technology uses radio waves, you don't need a direct line of sight between the remote control and the machine.

The third way is by creating uptime. Hydraulic transmission increases reliability. Efficient engines from renowned manufacturers keep life cycle costs down and the robust construction with heavy duty components keep them up and running.

REMOTE CONTROL

The Bluetooth remote control system keeps you out of harms way. Individually paired units mean there is no risk of electromagnetic disturbance between the control and receiver. Bluetooth does not require a direct line of sight between the communicating devices, which mean communication is always happening even between objects.



FORWARD AND REVERSIBLE PLATE COMPACTORS > SMALL



EASY OPERATION

A forward/reverse lever and fixed handle grip make handling easy.

STAND UP

Raise the handle to move around sharp corners.

LIFTING MADE EASY

The heavy-duty steel frame is equipped with a foldable lifting eye. (LG 164 and LG 204)

PROTECTS THE ENGINE

The steel frame protects engine and transmission.

LOW HANDLE VIBRATION LEVELS

Great engineering and quality components mean vibration levels are kept at bay in the handle.

PLATES MADE TO LAST

Bottom plates are made from Hardox 400-steel.

SPEED MEANS PRODUCTIVITY

LG 204 can compact at a speed of 25 m/min.

PICK YOUR ENGINE

All models are available with both petrol and diesel engines.

HUSQVARNA LG 204

HUSQVARNA LG SERIES



LG 300

LG 204

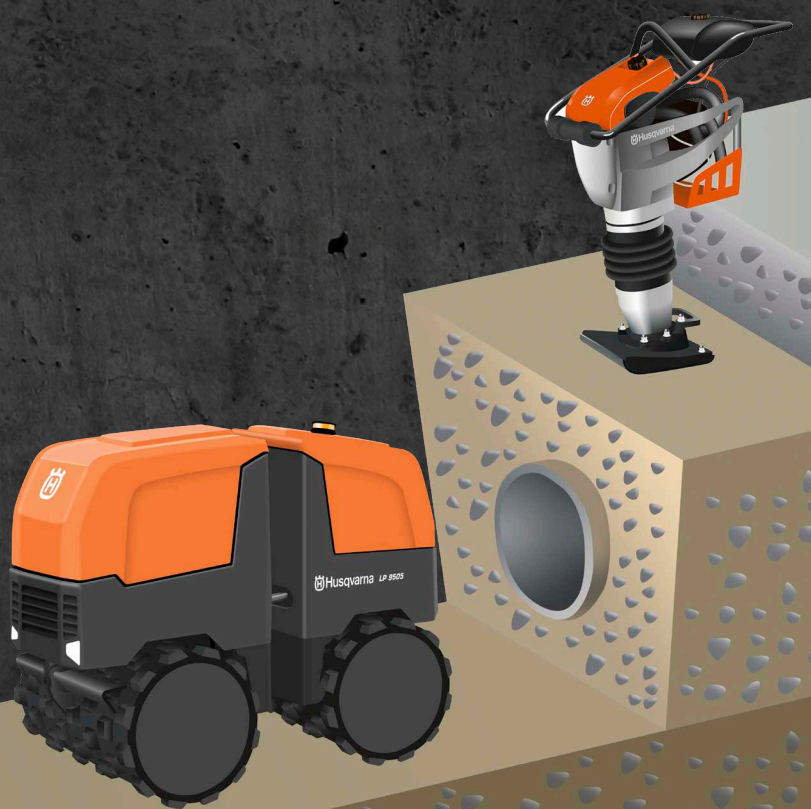
LG 164

For complete range and technical specifications see pages 20 – 23



KNOWING YOUR SOIL AND SURFACE

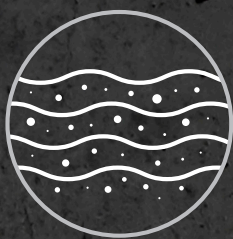
Soil has been around for millions of years and is created by force of nature.
Here's how you'll manage to tame Mother Nature's upper crust.



HOW TO SUCCEED WITH SOIL

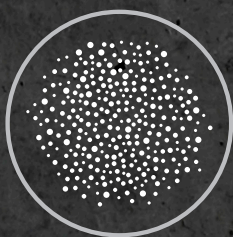
Good compaction is the foundation of any construction project. It increases bearing capacity and durability, and prevents soil settlement and damage through swelling, frost or water. To be able to choose the right equipment and the right technique, you have to know which type of soil, and how many layers, you are dealing with.

Different soils and materials.



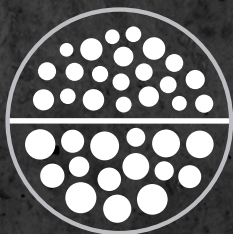
CLAY – STICKS TOGETHER

Clay particles stick together and you need high impact force to get the air out. Proper moisture is important when compacting. Wet clay can be molded while dry clay becomes very hard and may crack under pressure. Husqvarna LT rammers are able to transmit the high pressures and shear forces necessary to compact clay at or below optimum water content.



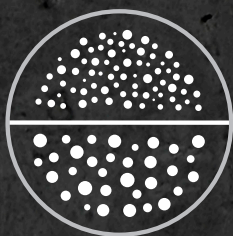
SILT – NEEDS FORCE

Silt is not as cohesive as clay, but still needs proper water content for good compacting. The cohesive soils have the smallest particles of all soils. Silt particles are larger than in clay but they are still small enough to require high energy for deep compacting. A tamper is the best choice for compacting silt.



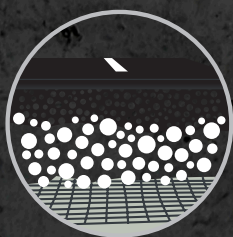
ROCKFILL – PUT ON THE PRESSURE

Cobbles and boulders need high compaction energy to achieve the necessary density and stability. It is especially important if the material is imbedded in clay or silt that may liquefy when wet. Layer thickness should be at least three times thicker than maximum particle size. Husqvarna LH 700 and LH 804 reversible plate compactors are ideal for large construction projects. The lighter Husqvarna LG 504 works well for smaller ones.



SAND AND GRAVEL – TAKE IT GENTLE

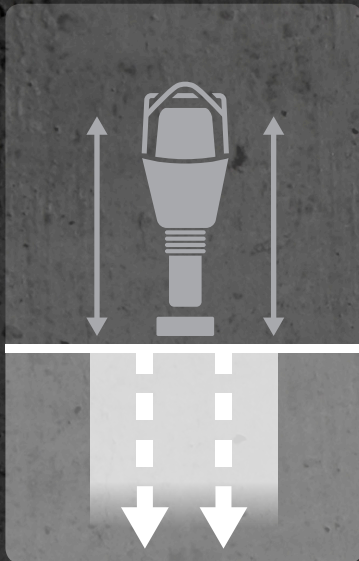
For sand and gravel you can achieve high-density compaction in either a dry or saturated state. The level of compaction depends more on grading than moisture. Too much compaction of sand and gravel is like beating a concrete wall with a sledgehammer. It can crush the material and reduce the load bearing capacity. Depending on the thickness of the layer, a lighter forward plate or heavier reversible plate compactor is recommended.



ASPHALT – LEAVE NO MARKS

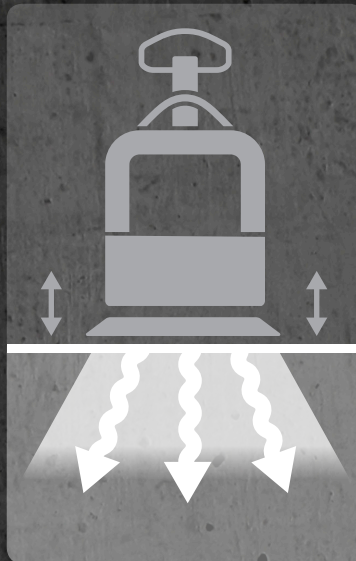
Compaction has a profound influence on asphalt performance. Compaction transforms the asphalt mix from a loose state to a compact surface that carries heavy loads. Efficiency of compaction depends heavily on the internal resistance of asphalt. Machines must be able to compact without leaving marks and water helps to create a smooth surface. Here, an asphalt plate compactor or a duplex roller is a safe choice.

What are the different compaction techniques?



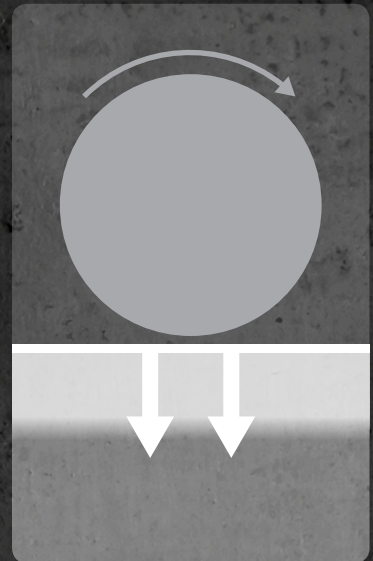
IMPACT COMPACTION

In impact compaction, the large stroke height of the tamper creates a powerful downward force to achieve good compaction depth.



VIBRATORY COMPACTION

Vibratory compaction combines static pressure and dynamic force.



STATIC COMPACTION

In static compaction, the underlying surface is exposed to pressure only.

Which compaction technique and equipment suits which soil or material?

Fractions with particle size < 0.075 mm	Fractions with particle size > 0.075 mm	Fractions with particle size < 0.075 mm
Use IMPACT FORCE on cohesive soils.	Use VIBRATORY FORCE on granular soils and asphalt.	Use STATIC FORCE on cohesive soils and asphalt.
Clay Silt	Sand/gravel Rockfill Asphalt	Clay Silt Asphalt

Some tips to help you succeed with soil.

- ▶ Check the material and area you need to compact and choose your equipment accordingly. Consider height, e.g. under bridges.
- ▶ Always compact one layer of soil at a time. See table to the right for maximum depth. Every layer contributes to the overall bearing capacity of the soil.
- ▶ Do not over-compact.
- ▶ Use the Husqvarna compaction indicator to identify when the soil is ideally compacted (available as an option on Husqvarna LG 400 and LG 504).

LT 8005, LT 6005,
LT 5005



LF 130



LF 100



LF 80



LF 50



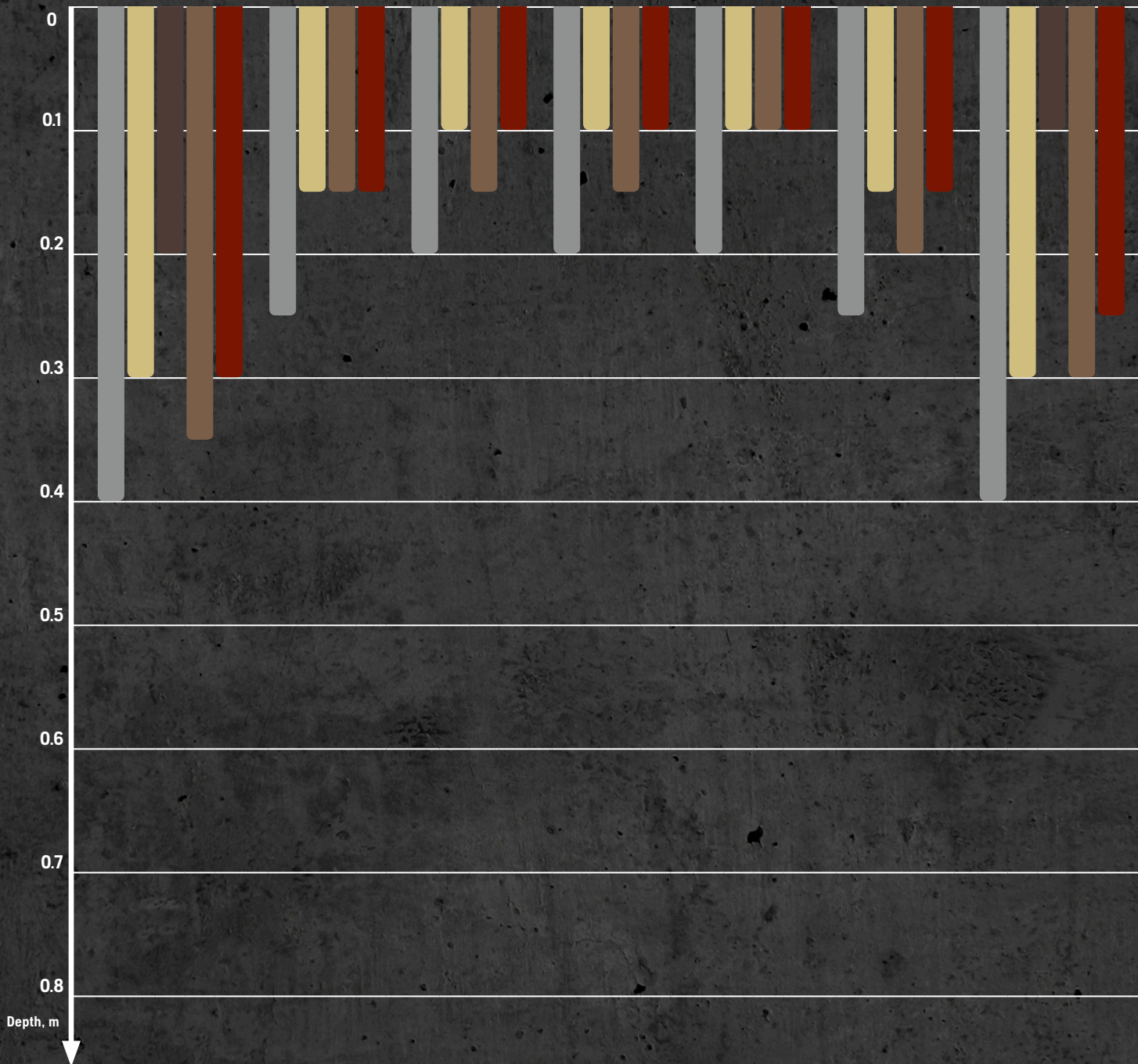
LX 90



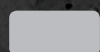
LP 9505



or static compaction



Maximum depth at 4 passes / LP rollers at 8 passes.



Rockfill/macadam



Sand/gravel



Silt



Clay



Subbase



All figures are to be considered indicative as soils may vary and impact compaction results.

LH 804, LH 700

LG 504

LG 400

LG 300

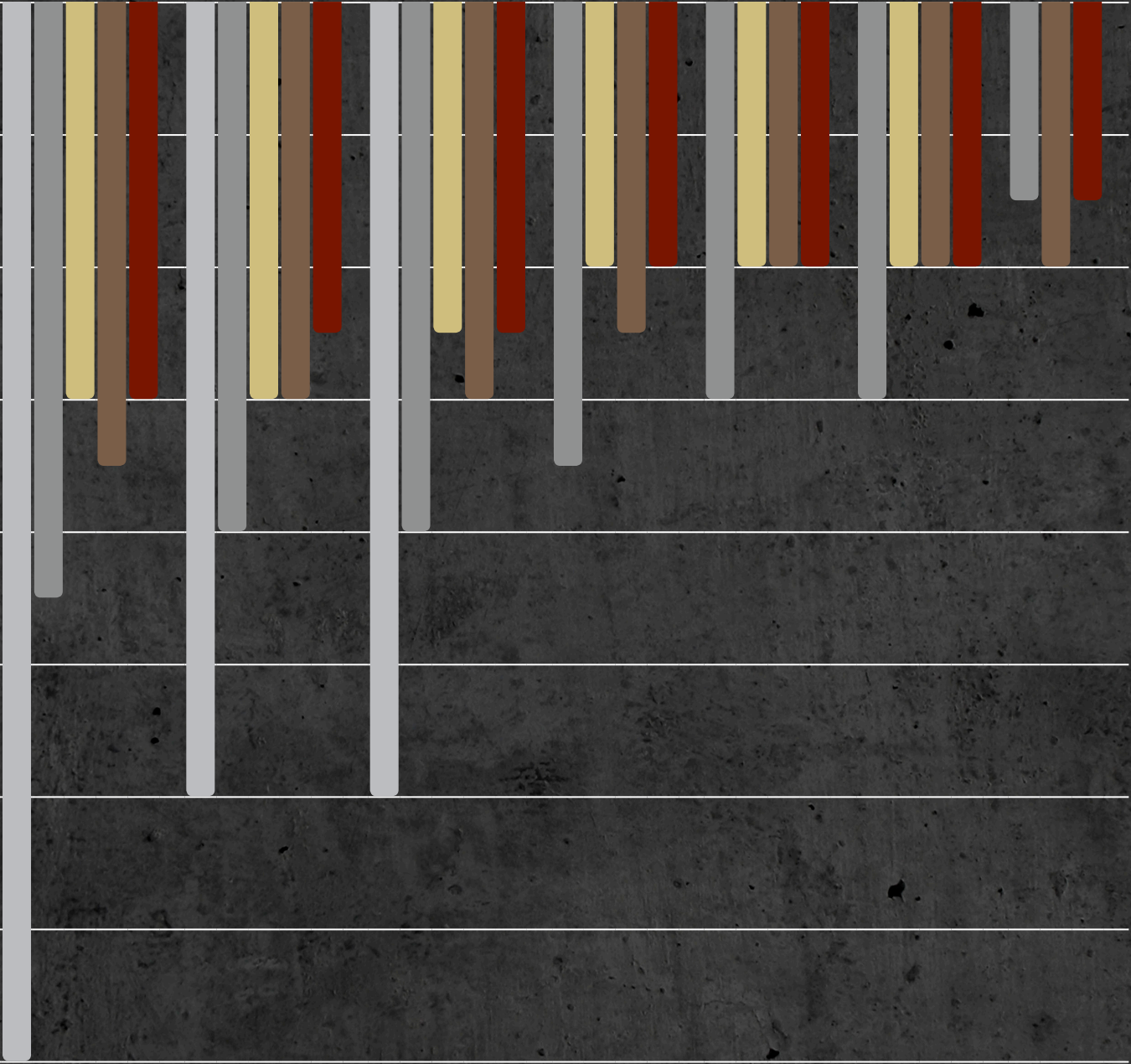
LG 204

LG 164

LP 6505



or static compaction



Base



SPEEDING UP THE HEAVY WORK

Our range of double drum rollers – Husqvarna LP 6505 and LP 7505 – are ideal for compacting thin layers on granular soils and asphalt. The high centrifugal force and speed of the LP range let you get more done in less time. These machines are fully hydraulic, both for vibration and travel.

The compact design with high curb clearance, no overhang and sleek sides allows you to go close to walls, posts or edges – basically anywhere your work may take you. Switching vibration on and off is easy on both our duplex rollers, and thanks to the vibration-reducing handle design you can work longer hours.

Both LP 6505 and LP 7505 are equipped with scrapers to keep the drums clean, and hydraulic brakes with an automatic braking function for easy operation and higher safety. Other standard features include hour meter and oil alert. Two flip-up hoods facilitate service and battery charging. A built-in hydraulic oil cooler reduces wear on components and prolongs service intervals. It also extends the lifetime of the hydraulic hoses, sealings and connectors.

DOUBLE DRUM ROLLERS



LOW VIBRATION LEVELS

Vibration-damping handle. Easy handling.
Push stop is standard.

HEAVY LIFTING MADE EASY

The heavy-duty protection frame is equipped with a single point lifting eye for easy transportation.

HUSQVARNA LP 6505

EASY TO SERVICE

Flip-up hoods gives easy access to service points and battery.

EASY HANDLING

Automatic Hydraulic brakes for easier handling and enhanced safety.

EFFECTIVE ENGINE

Powerful engine with low fuel consumption and low emissions. Hour meter and oil alert for optimal control.

LONG LIFE

Built-in hydraulic oil cooler extends component lifetime and increases reliability in tough, hot conditions.

HUSQVARNA LP SERIES



LP 7505

LP 6505

For complete range and technical specifications see pages 20 – 23



BOOSTING PRODUCTIVITY IN CHALLENGING TRENCHES

Husqvarna LP 9505 is a powerful, easy-to operate trench compactor, delivering superb productivity in demanding trench compaction jobs. Whether steep, tight or loose soils, LP 9505 will get the job done on time. The high operating weight enables efficient compaction without vibration, from the initial static passes all the way to the finish.

The reliable, fuel-efficient Kubota diesel engine is Tier 4 Final compliant and provides class-leading power, while the articulated steering allows the compactor to turn corners without digging up the soil. The extra high and wide drum pads are optimally designed to make sure you have the traction to handle your daily tasks in wet or dry cohesive soils.

Husqvarna LP 9505 features a wealth of smartly designed solutions, which enable the operator to perform at his/her best.

The durable remote control is lightweight and designed for smooth, safe manoeuvring with distinct drivability and feel, even with working gloves on. The control display alerts the operator when something needs to be checked.

Radio remote control technology enables the operator to choose the standing position that will produce the best end result. This provides better ergonomics and safer working conditions. The wide drums and low centre of gravity deliver excellent stability to increase safety even further. Servicing is quick and easy with all service points clearly marked and easily accessible under the protective hoods.

TRENCH COMPACTORS



EASY LOADING AND TRANSPORTING

LP 9505 features a single lifting point with a large lifting eye. The articulation joint is secured with a foldable transport lock. There are also eyelets in the front and back end for hauling.

SERVICE MADE QUICK AND EASY

All service points are easily accessible under the hoods. The filters, hydraulic hoses and other components are clearly marked with article numbers to facilitate the ordering of spare parts – no need to look up the manual.

FILLED UP FOR PRODUCTIVITY

The 30-litre fuel tank allows for a class-leading 8.6 hours of uninterrupted work.

HUSQVARNA LP 9505



OPTIMAL TRACTION AND COMPACTION

The drum pads are optimally designed and sized for best possible traction. The drum end covers provide extra protection for the hub sealings and slide against the trench walls instead of grinding them. The optional drum width extensions are easy to mount.



EASY TO OPERATE

The modern remote control is designed with top-class ergonomics and drivability in mind. The display keeps the operator in continuous control of machine status and alerts.



ON-BOARD BATTERY STATION AND STORAGE COMPARTMENT

A lockable compartment is integrated into the hood, providing storage for the remote and on-board charging of the second battery. Furthermore, you can connect or charge accessories with the 12 V power outlet (e.g. working lights).

For complete range and technical specifications see pages 20 – 23

RANGE OVERVIEW AND TECHNICAL SPECIFICATIONS

FORWARD PLATE COMPACTORS – SOIL AND ASPHALT



	SOIL			
	LF 130 LT ¹		LF 80 L	LF 50 L
Engine	Honda GX160	Hatz 1B20	Honda GX160	Honda GX100
Power, kW	3.6	2.5	3.6	2.1
Fuel	Petrol	Diesel	Petrol	Petrol
Operating weight, kg	135	142	84	53
Frequency, Hz	95	95	95	95
Centrifugal force, kN	20	20	19	8
Speed, m/min	22	22	33	24
H/A vibrations, standard handle, m/s ²	5.4	6.8	6.7	6.9
H/A vibrations, vibr reduced handle, m/s ²	1.1	1.1	1.2	1.8
Sound power, guaranteed, dB(A)	104	104	103	100
Sound pressure at operators ear, dB(A)	95	93	91	89
Plate width, mm	500	500	420	320
Plate length, mm	580	580	570	505
L×W×H, mm	960×500×995	960×500×1122	960×420×995	940×320×965
PART NUMBERS				
	967 89 66-01	967 89 69-01	967 85 50-01	967 85 47-01

1) With transport wheels.

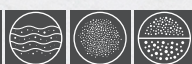
ACCESSORIES / OPTIONAL	LF 130 LT ¹		LF 80 L	LF 50 L
Block paving kit	594 86 82-01	594 86 82-01	594 86 81-01	594 75 72-01
Water tank	—	—	596 39 29-02	—
Transport wheel kit	594 20 49-01	594 20 49-01	594 20 49-01	595 12 07-01
Fork lift device	595 50 31-01	595 50 31-01	595 50 31-01	—

TAMPERS



	LT 8005		LT 6005		LT 5005	
Engine	Hatz 1B20	Hatz 1B20	Honda GXR120	Honda GXR120	Honda GXR120	Honda GXR120
Power, kW	3.0	3.0	2.7	2.7	2.7	2.7
Fuel	Diesel	Diesel	Petrol	Petrol	Petrol	Petrol
Operating weight, kg	99	98	70	69	62	61
Frequency, Hz	12	12	12	12	12	12
Speed, m/min	12	12	15–18	15–18	15–18	15–18
H/A handle vibrations m/s ²	11.9	11.9	6.4	6.4	6.4	6.4
Sound power, guaranteed, dB(A)	107	107	106	106	106	106
Sound pressure at operators ear, dB(A)	95	95	92	92	92	92
Plate width, mm	330	280	280	230	230	150
Plate length, mm	332	332	332	332	332	332
L×W×H, mm	796×444×1088	796×444×1088	726×345×1084	726×345×1084	726×345×1025	726×345×1025
PART NUMBERS						
	967 93 39-02	967 93 39-01	967 85 45-02	967 85 45-01	967 85 46-01	967 85 46-02

ACCESSORIES / OPTIONAL	LT 8005		LT 6005		LT 5005	
Transport wheel kit	596 02 38-01	596 02 38-01	596 02 38-01	596 02 38-01	596 02 38-01	596 02 38-01

SOIL AND ASPHALT


LF 100 LAT ¹		LF 80 LAT ¹	LF 75 LAT ¹		LF 60 LAT ¹
Honda GX160	Hatz 1B20	Honda GX160	Honda GX160	Honda GX160	Honda GX100
3.6	2.5	3.6	3.6	3.6	2.1
Petrol	Diesel	Petrol	Petrol	Petrol	Petrol
109	118	95	97	95	67
95	95	95	95	95	95
17	17	19	15	15	10
25	25	33	24	27	25
6	9.3	6.7	6.0	6.0	7.9
1.3	1.9	1.2	1.2	1.2	1.9
104	105	103	104	104	100
93	93	91	91	91	88
500	500	420	500	420	350
595	595	570	570	570	545
960×500×995	960×500×995	960×420×995	1037×500×995	960×420×995	986×350×968
967 85 51-02	967 89 68-01	967 85 50-02	967 85 49-02	967 85 49-01	967 85 48-02

LF 100 LAT ¹		LF 80 LAT ¹	LF 75 LAT ¹		LF 60 LAT ¹
594 86 82-01	594 86 82-01	594 86 81-01	594 86 82-01	594 86 81-01	595 36 75-01
596 39 29-02	596 39 29-02	596 39 29-02	596 39 29-02	596 39 29-02	596 32 74-01
594 20 49-01	594 20 49-01	594 20 49-01	594 20 49-01	594 20 49-01	595 12 07-01
595 50 31-01	595 50 31-01	595 50 31-01	595 50 31-01	595 50 31-01	—

ROUND PLATE COMPACTOR


LX 90	
Engine	Honda GX160
Power, kW	3.6
Fuel	Petrol
Operating weight, kg	96
Frequency, Hz	75
Centrifugal force, kN	16
Speed, m/min	22
H/A handle vibrations m/s ²	6.1
Sound power, guaranteed, dB(A)	104
Sound pressure at operators ear, dB(A)	92
Plate diameter, mm	450
L×W×H, mm	450×450×920
PART NUMBER	
Manual start	967 89 71-01

ACCESSORIES

BLOCK PAVING KIT

TRANSPORT WHEEL KIT

WATER TANK

FORK LIFT DEVICE
FORWARD AND REVERSIBLE PLATE COMPACTORS – LH SERIES HEAVY PLATES


	LH 804	LH 700	
Engine	Hatz 1D90V	Hatz 1D90V	Hatz 1D90V
Power, kW	11.0	11.0	11.0
Fuel	Diesel	Diesel	Diesel
Operating weight, kg	820	780	780
Frequency, Hz	53	53	53
Centrifugal force, kN	95	95	95
Speed, m/min	30	30	30
H/A handle vibrations m/s ²	—	3.3	3.3
Sound power, guaranteed, LWA, dB(A)	109	109	109
Sound pressure at operators ear, LPA, dB(A)	—	98.4	98.4
Plate width, mm	660	810 (660×2×75)	660
L×W×H, mm	1150×660×790	1880×810×1180	1880×660×1180
PART NUMBERS			
Electric start	967 89 73-01	967 89 72-04	967 89 72-01

ACCESSORIES / OPTIONAL	LH 804	LH 700	
Extension plate kit 2×75 mm	594 82 60-01	594 82 60-01	594 82 60-01
Extension plate kit 2×150 mm	594 82 61-01	594 82 61-01	594 82 61-01

FORWARD AND REVERSIBLE PLATE COMPACTORS – LG SERIES SMALL



	LG 300					
Engine	Honda GX270	Honda GX270	Hatz 1B30	Hatz 1B30	Hatz 1B30	Hatz 1B30
Power, kW	5.3	5.3	4.7	4.7	4.7	4.7
Fuel	Petrol	Petrol	Diesel	Diesel	Diesel	Diesel
Operating weight, kg	270	265	287	282	307	302
Frequency, Hz	68	68	68	68	68	68
Centrifugal force, kN	40	40	40	40	40	40
Speed, m/min	25	25	25	25	25	25
H/A handle vibrations m/s ²	2.4	2.4	1.7	1.7	1.7	1.7
Sound power, guaranteed, LWA, dB(A)	108	108	108	108	108	108
Sound pressure at operators ear, LWA, dB(A)	95	95	95	95	95	95
Plate width, mm	600	500	600	500	600	500
L×W×H, mm	1385×600×1120	1385×500×1120	1385×600×1120	1385×500×1120	1385×600×1120	1385×500×1120
PART NUMBERS						
Manual start	967 85 53-02	967 85 53-01	967 85 53-05	967 85 53-04	—	—
Electric start	—	—	—	—	967 85 53-06	967 85 53-07

ACCESSORIES / OPTIONAL	LG 300					
Block paving kit	594 83 03-01	594 83 02-01	594 83 03-01	594 83 02-01	594 83 03-01	594 83 02-01
Transport device	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01

FORWARD AND REVERSIBLE PLATE COMPACTORS – LG SERIES MEDIUM



	LG 504			LG 400	
Engine	Hatz 1D81Z	Hatz 1D81Z	Hatz 1D81Z	Honda GX 390	Lombardini 15LD 440/S (Kohler)
Power, kW	9.2	9.2	9.2	8.3	6.2
Fuel	Diesel	Diesel	Diesel	Petrol	Diesel
Operating weight, kg	513	499	470	398	436
Frequency, Hz	69	69	69	60	60
Centrifugal force, kN	65	65	65	52	52
Speed, m/min	32	32	32	25	25
H/A handle vibrations m/s ²	2.5	2.5	2.5	2.5	2.1
Sound power, guaranteed, LWA, dB(A)	—	109	—	108	108
Sound pressure at operators ear, LPA, dB(A)	98	98	98	95	93
Plate width, mm	850 (550+2×150)	700 (550+2×75)	550	650	650
L×W×H, mm	1670×850×1190	1670×750×1190	1670×550×1190	1690×650×1150	1690×650×1150
PART NUMBERS					
Manual start	967 85 55-10	967 85 55-09	967 85 55-08	967 85 54-01	—
Electric start	967 85 55-11	967 85 55-07	967 85 55-06	—	967 89 64-03
Electric start and compaction indicator	967 85 55-12	967 85 55-05	967 85 55-04	—	967 89 64-01

ACCESSORIES / OPTIONAL	LG 504			LG 400	
Extension plate kit 2×75 mm	594 75 87-01	594 75 87-01	594 75 87-01	—	—
Extension plate kit 2×150 mm	594 75 88-01	594 75 88-01	594 75 88-01	—	—
Block paving kit	—	595 12 89-01	—	594 44 79-02	594 44 79-02



LG 204				LG 164				
Honda GX200	Hatz 1B20	Hatz 1B20	Hatz 1B20	Honda GX160	Honda GX160	Hatz 1B20	Hatz 1B20	Hatz 1B20
4.1	3.1	3.1	3.1	3.6	3.6	3.1	3.1	3.1
Petrol	Diesel	Diesel	Diesel	Petrol	Petrol	Diesel	Diesel	Diesel
211	228	251	244	157	148	185	170	166
65	65	65	65	80	80	80	80	80
36	36	36	36	28	28	28	28	28
23	22	22	22	22	22	22	22	22
3.5	2.8	2.8	3.4	2.3	2.3	2.8	3.5	3.2
106	108	108	108	108	108	108	108	108
84	93	93	85.1	82.4	81.9	93	84	84.1
500	500	600	500	450	350	600	450	350
1334×500× 1126	1334×500× 1126	1334×600× 1126	1334×500× 1126	1110×450× 1069	1110×350× 1069	1110×600× 1069	1110×450× 1069	1110×350× 1069
967 85 52-01	967 85 52-05	—	—	967 85 56-01	967 85 56-02	967 89 76-04	967 89 76-02	967 89 76-01
—	—	967 85 52-03	967 85 52-06	—	—	—	—	—

LG 204				LG 164				
594 82 58-01	594 82 58-01	594 75 96-01	594 82 58-01	594 83 01-01	595 36 85-01	594 75 95-01	594 83 01-01	595 36 85-01
594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01	594 83 05-01

DOUBLE DRUM ROLLERS



	LP 9505	LP 7505		LP 6505	
Engine	Kubota D1105	Hatz 1D50S	Hatz 1D50S	Hatz 1D42S	Hatz 1D42S
Power, kW	18.0	7.9	7.9	7.2	7.2
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel
Operating weight, kg	1675	981	1001	745	765
Frequency, Hz	42	57	57	58	58
Centrifugal force, kN	72/36 (high/low)	27	27	22	22
Speed, forward / reverse, km/h	0 – 2.7	0 – 3.6	0 – 3.6	0 – 3.6	0 – 3.6
H/A handle vibrations m/s ²	N/A	2.6	2.6	4.1	4.1
Sound power, guaranteed, dB(A)	106	107	107	107	107
Sound pressure at operators ear, dB(A)	N/A	88	88	88	88
Drum diameter, mm	523	400	400	400	400
Drum width, mm	850	750	750	650	650
L×W×H, mm	1856×850×1369	1110/2500×820×1260	1110/2500×820×1260	1110/2500×720×1215	1110/2500×720×1215
PART NUMBERS					
Manual start	—	967 89 74-01	—	967 85 57-02	—
Electric start	967 95 08-01	—	967 89 74-02	—	967 85 57-03

ACCESSORIES / OPTIONAL	LP 9505	LP 7505		LP 6505	
Safety crank handle kit	—	594 17 09-01	594 17 09-01	594 17 09-01	594 17 09-01



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