

Reversible Plate Compactors

120 kg to 750 kg



Reversible Plate Compactors from 120 to 250 kg – 6 basic models in 8 different versions: BPR 25/40, BPR 25/40 D, BPR 30/38-3, BPR 30/38 D-3, BPR 35/38-3, BPR 35/38 D-3



More efficiency
Infinitely variable centrifugal force,
infinitely variable forward and reverse
speed and stationary vibration for
maximum flexibility on a wide range of
soil conditions

Easier handling
The throttle lever integrated in the
steering arm and the ergonomic
design of the travel control lever
gives optimum control of the plate at
all times.

Safer loading
The single-point lifting eye is
foldable to reduce overall height
and offers a choice of loading
options.

Less damage
The large-size engine frame gives
outstanding protection against damage
and has an integrated single-point
lifting eye.

Added safety
Vibration-reduced and height-
adjustable steering arm with
smooth hydraulic travel control
lever adjustment
(exception: BPR 25/40 and BPR 25/40 D).

Better reliability
The V-belt drive is fully
enclosed for better safety
and trouble free use.

Reliability and power
A wide choice of popular petrol and
diesel engines with ample power
reserves are available.

Longer life
Self-cleaning cast iron base plates with reinforced
outer edges made of highly wear resistant GGG
60. The smaller BPR 25/40 and BPR 25/40 D
are provided with robust steel base plates.

Higher output
High travel speed due to the perfected
base plate design ensures excellent
surface performance.

Lower operating costs
The high performance exciter unit has
lifetime lubrication

More utilisation
Adjustable working widths with
interchangeable wear or extension plates.
Exception: BPR 25/40 and BPR 25/40 D

Versatile and compact

Applications:

Our range of reversible compactor plates are used in road works, trench and pipeline construction as well as in landscaping. For block paving or use on sandy soils BOMAG offers models BPR 35/38-3 and BPR 35/38 D-3. These plates feature higher frequency and lower amplitude and are especially suited to block paving and work on sandy soils.

- Better protection of the hydraulic control lever with integrated pressure control valve. Pressure peaks caused for example by the travel control lever being struck by the excavator bucket during loading are absorbed avoiding expensive repairs.
- The steering rod is height-adjustable or can be locked in one working position and one transport position.



BPR 25/40 D and BPR 30/38 D-3

Advantages:

- Hydraulic adjustment of travel control lever for smooth changes of direction.
- Reduced operating costs by elimination of Bowden cable.
- Maximum safety with reverse travel protection: if the operator releases the travel control lever while reversing the plate automatically reverts to slow forward travel.
- To increase operating comfort the travel control lever can be set at maximum forward travel.
- High flexibility with adjustable travel speed, frequency and centrifugal force with throttle control integrated in the steering arm.
- Increased safety with low hand/arm vibrations and less steering effort by the operator.
- Less maintenance with lifetime lubrication of exciter unit and V-belt drive with all-round protection.
- Reduced operating costs with high wear resistant cast base plates.
- Better utilisation with variable working width wear or extension plates.
- Engine protection with automatic oil-alert, standard on some models.
- Models with electric start feature standard warning buzzer for ignition switch-off.
- Extension plates, transport frame, water sprinkler system and Vulcolan mat options.



Maximum damage protection – hydraulic travel control lever adjustment with integrated pressure control valve.



More protection: Tough engine protection frame with front screen and folding single-point lifting eye.



High wear-resistant self-cleaning base plate made of GGG 60. Depending on model and type working widths of between 380 mm to 700 mm are available.



Steering rod with height-adjustment and locking device

Reversible Plate Compactors from 300 to 500 kg – 4 basic models in 10 different versions: BPR 40/45 D-3, BPR 45/45 D-3, BPR 50/52 D-3 and BPR 55/52 D-3



Efficiency
Infinitely variable centrifugal force,
infinitely variable forward and reverse
speed and stationary vibration for added
versatility on a wide range of materials.

Easier to use
Ergonomic travel control with
integrated throttle lever for better
control of the plate at any time.

Folding lift point
The single-point lifting eye folds to reduce
overall height and gives a choice of loading
options.

Impact protection
Robust engine frame with
integrated single-point lifting
eye for better protection from
damage.

Safer
Vibration-damped steering rod with
smooth hydraulic adjustment of travel
control lever. Height-adjustable and
lockable at pre-set heights.

More protection
Robust V-belt
guard gives high
protection even in
tough conditions.

More reliability and power
A choice of popular engines is
available.

Better wear-resistance
Self-cleaning cast base plate with reinforced outer
edges made from high wear resistant GGG 60.

Lower operating costs
Reduced maintenance and longer
life with life-time sealed exciter
unit.

Variable widths
Better utilisation with
adjustable widths using
wear or extension plates.

Power and reliability

Applications:

Our reversible vibratory plates are designed for use in road and footpath construction and maintenance, for backfill compaction in trench and pipeline construction and in landscaping. Provide more depth effect compared to lighter models.

For special applications such as block paving or sandy soils BOMAG offers models BPR 45/45 D-3 and BPR 55/52 D-3. These plates feature higher frequency and reduced amplitudes for these applications.

- More flexibility with adjustable travel speed, frequency and centrifugal force and with throttle control integrated in the steering arm.
- Increased protection for the hydraulic travel lever with integrated pressure control valve. Pressure peaks on the lever caused for example if struck by the excavator bucket during loading are absorbed. Costs and time-consuming repairs are avoided.
- The steering rod is height-adjustable or can be locked in position and for transport.
- Increased safety with low hand/arm vibrations and superior steering to reduce operator effort.



BPR 40/45 D-3 (right), BPR 40/45 D-3 with engine protection cover and BPR 50/52 D-3 (left)

Advantages:

- Smooth changes of direction with hydraulic travel control lever.
- Improved safety with reversing travel safety protection. If the travel lever is released while reversing, the plate automatically reverts to forward travel.
- The travel control lever can be locked in maximum forward travel position for easier operation.
- Lower operating costs with high wear resistant GGG 60 cast base plate.
- Added utilisation with variable working widths using extension plates.
- More protection with the automatic oil-alert system, standard on some models.
- Electric start models feature a warning buzzer for ignition switch-off. Depending on model and type, extension plates, transport frame, water sprinkler system and Vulcolan mat options are available.



Special insulation of the steering rod for lower hand/arm vibrations and better steering.



Damage protection: robust engine protection cover with front screen and folding single-point lifting eye plus all-round V-belt drive guard.



High wear resistant self-cleaning GGG 60 base plate. Depending on model and type working widths are available from 450mm up to 820 mm.



Electric start models are equipped with an emergency crank handle or recoil start.

Reversible Plate Compactors from 500 to 750 kg – BPR 65/52 D-3, BPR 75/60 D-2, BPR 75/60 D-3 and BPR 75/60 HD-3

Easy starting

Our heavy plate models (except model BPR 65/52 D-3) come standard equipped with electric start: a bonus in cold weather. A crank handle is included for emergency starting.

Practicality

Central single-point lifting eye for easy change of position or loading. Foldable to reduce all-over height.

Added protection

The solid all-round protection frame with steel cover protects from tough site usage and transport.

More efficiency

Continuous adjustment of centrifugal force, infinitely variable forward and reverse travel speed and stationary vibration for better performance on different materials.

Better operating comfort

The fingertip operated travel switch integrated in the steering arm is well protected and is easy to actuate. With one touch on the control switch the plate automatically maintains the selected travel direction and speed.

Built-in safety

Steering arm with integrated reverse travel protection for the operator.

Easier handling:

All operating controls such as travel switch, throttle lever and ignition are in easy reach on the steering arm.

Operator safety

The vibration-damped steering arm is height-adjustable and lockable in working and transport positions.

Reduced operating costs

The base plate with reinforced outside edges is self-cleaning and made of high wear resistant GGG 60.



Power and performance

Applications

Our reversible hydraulic plates are designed for use on heavy-duty soil and base applications. They are ideal for use in trench and pipeline works, in highway and dam construction and for sub-base and foundation compaction.

- Reliable Hatz diesel engine with auto oil-alert cut-off system. Avoids costly and time-consuming repairs due to low oil.
- Electric start models feature warning buzzer for ignition switch-off.
- Height-adjustable steering arm to suit every operator.



BPR 75/60 HD-3: Higher productivity with deep compaction effect and high travel speed.

Advantages:

- New hydraulic tip control with servo for fingertip change of travel direction.
- Outstanding compaction performance reduces the number of passes needed. The high forward travel speed and productivity of these models saves time and cost.
- Model BPR 75/60 HD-3 has outstanding compaction performance. With an amplitude of approx. 3-mm it has an extremely high impact force for the compaction of extra thick layers.
- Difficult materials can be compacted using stationary vibration.
- Multiple applications with variable working widths using extension plates.
- On some applications base plates can become stuck due to the adhesion of material. BOMAG provides a fixed locking position for the steering rod allowing the operator to free the machine by leverage. Slow and costly removal by excavator is unnecessary.
- The low-maintenance Hatz diesel engines are proven and provide ample reserves of power.



Safety steering arm with hydraulic travel lever: fingertip travel and speed control.



Damage protection: robust engine protection with front screen and folding single-point lifting eye plus all-round V-belt drive guard.



Self-cleaning GGG 60 wear resistant base plate with variable working width using wear and extension plates.



Protected performance: proven Hatz diesel engine with automatic oil-alert cut-off system.

Best for

COMPACTION

Accessories

The following accessories are available depending on model and type:



Variable working widths with additional wear or extension plates.



Transport frame for easy one-man transportation.



Vulcolan mat for block paving work



BPR 40/45 D-3 (Yanmar) with engine protection cover. Ultra low noise level and high protection against damage.

BOMAG provides local service and support no matter where your next contract is located.

As world market leader in compaction equipment, we offer you the widest range of products backed by expert support and advice aimed at keeping your operation profitable.

Modern manufacturing plants in Germany, USA and Japan together with licencees and partners around the world supply BOMAG rollers to global markets.

Regional customer care is centred on six branches in Germany, seven subsidiaries in Austria, Canada, France, Great Britain, Italy, Japan and USA, one sales office in Singapore and over 500 independent BOMAG dealers.

BOMAG Service. Everywhere and for every need. Our branches and dealers are backed by BOMAG's Central Parts warehouse where about 40,000 parts are held against customer requirements. You expect top service from BOMAG. We aim to provide it.

Quality! For the paint finish of the machine BOMAG as far as possible uses a high quality environmentally friendly powder coating, which excels by its excellent resistance against corrosion, scratching and ultraviolet light.

BOMAG. The world's foremost compaction company.

The machines illustrated may show optional equipment which can be supplied at additional cost. Specifications may change without notice.

- **Head Office/Hauptsitz:**
BOMAG, Hellerwald, 56154 Boppard, GERMANY, Tel.: +49 6742 100-0, Fax: +49 6742 3090, e-mail: germany@bomag.com
- **BOMAG Maschinenhandelsgesellschaft m.b.H.**, Postfach 73, Porschestraße 9, 1234 Wien-Siebenbrunn, AUSTRIA, Tel.: +43 1 69040-0, Fax: +43 1 69040-20, e-mail: austria@bomag.com
- **BOMAG (CANADA), INC.**, 1300 Aerowood Drive, Mississauga, Ontario L4W 1B7, CANADA, Tel.: +1 905 6256611, Fax: +1 905 6254403, e-mail: canada@bomag.com
- **BOMAG S.A.F.**, BP 34, Z.A. des Cochets, 91223 Bretiligny-sur-Orge cedex, FRANCE, Tel.: +33 1 69883900, Fax: +33 1 60841866, e-mail: france@bomag.com
- **BOMAG (GREAT BRITAIN), LTD.**, Sheldon Way, Larkfield, Aylesford, Kent ME20 6SE, GREAT BRITAIN, Tel.: +44 1622 716611, Fax: +44 1622 718395, e-mail: gb@bomag.com
- **BOMAG ITALIA SRL**, Z.I. - Via Mella 6, 25015 Desenzano del Garda (Bs), ITALY, Tel.: +39 030 9127263, Fax: +39 030 9127278, e-mail: italy@bomag.com
- **BOMAG Japan Co., LTD.**, 248, Sakama Kitayama, Koga-City Ibaraki-Pref. 306-0056, JAPAN, Tel.: +81 280 483411, Fax: +81 280 483415, e-mail: japan@bomag.com
- **BOMAG**, Representative Office Asia & Pacific, 300 Beach Road, The Concourse, 32-02, Singapore 199555, SINGAPORE, Tel.: +65 6 294 1277, Fax: +65 6 294 1377, e-mail: singapore@bomag.com
- **Compaction America Inc.**, 2000 Kentville Road, Kewanee, Illinois 61443, U.S.A., Tel.: +1 309 8533571, Fax: +1 309 8520350, e-mail: usa@bomag.com

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