

Single Directional Vibratory Plates BP 25/48, BP25/48D



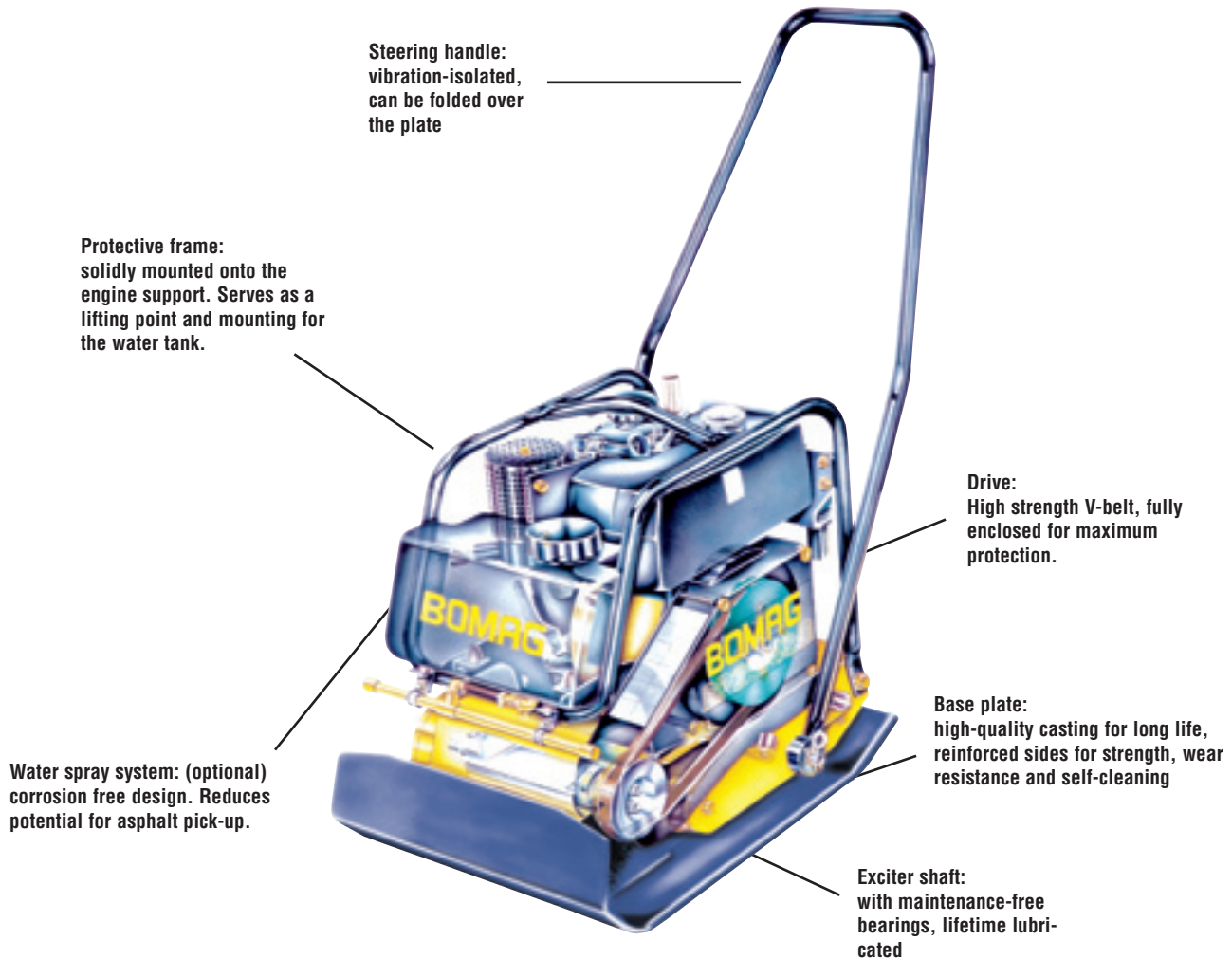
| MODEL | Compaction Output (cu. yd/h) at recommended soil layer/lift thickness. * | | |
|----------|--|-------------|-------------|
| | Gravel, Sand | Mixed Soils | Silt, Clay |
| BP25/48 | 19.6 - 31.4 | 17 - 27.5 | 10.5 - 15.7 |
| BP25/48D | 22.2 - 34.0 | 17 - 27.5 | 11.8 - 17 |

| MODEL | Compaction Output (ton/h) at different asphalt layer/lift thickness. * | | | |
|----------|--|-------|-------|-------|
| | 2 in. | 3 in. | 4 in. | 5 in. |
| BP25/48 | 12.7 | 16.5 | 22 | 26.5 |
| BP25/48D | 13.2 | 19.8 | 25.4 | 27.6 |

* Compaction output influenced by soil/material type and moisture content.



BP25/48, BP25/48D



■ *Featuring a range of plates and options to suit all your light compaction needs...*

The Bomag range of single direction vibratory plates is designed for use on granular soils and bituminous materials as well as paving blocks. All models feature a shock absorbing handle to minimize vibration feedback and maximize productivity. The thick base plates provide enhanced stability and offer better compaction along walls or curbs. With such a wide range of models and options to consider, Bomag ensures you have the right vibratory plate to suit all your compaction needs.

■ **Applications:**

- Trench applications
- Road construction
- Backfill and foundation work



BP 25/48 in operation

Featuring...



BP25/48D at work on soil application

■ Handling is Easier & Safer:

- The vibration-isolated steering handle reduces the transfer of harmful vibrations to the operator, thus reducing fatigue.
- An operating instruction decal is applied to the machine to assist safe operation.
- The protective frame incorporates a single lifting point for easy transportation.
- The steering handle can be quickly detached for easy transportation.
- Amplitude can be easily changed with a simple turn of a knob on models equipped with this feature.
- The optional transporter wheels allow easy one-man movement around the site.



The fully folding steering handle guarantees maximum maneuverability even in confined areas.

Advanced design provides enhanced stability and maneuverability

■ Achieve Maximum Productivity:

- Higher compaction performance reduces the number of passes and saves valuable time.
- The optional water spray system is mounted on the protective frame eliminating the need for any additional fittings.
- The edges of the base plate are designed to eliminate any surface marking even when used on asphalt applications.
- The self-cleaning design of the base plate reduces the risk of loose material collecting on the plate surface.
- The reinforced outer edge of the base plate improves stability.
- The optional Vulcolan mat and water spray system increase applicational versatility.
- High vibration frequencies and faster travel speeds ensure high production results.



The oil drainage pipe makes oil changes simple and easy

■ Less Service & Maintenance:

The purchase price is important, but so are the operating costs. Check these features:

- The simple, fully enclosed V-belt drive system ensures long life and trouble-free operation even under the most extreme conditions.
- The hard-wearing base plate is cast for longer service life.
- The exciter shaft bearings are maintenance free.
- On BP25/48D fitted with a diesel engine, an oil drainage pipe enables quick and simple oil changes.
- The exciter drive incorporates a simple centrifugal clutch for reliability and long life.
- Routine maintenance is reduced to the changing of the engine oil and cleaning of the air filter.



Water spray system provides optimum application results on asphalt.



Transportation on site is easy using the integral lifting point or optional transport wheels

With these features and many more, it's easy to see why these models maintain a high residual value while delivering lower lifetime operating costs.

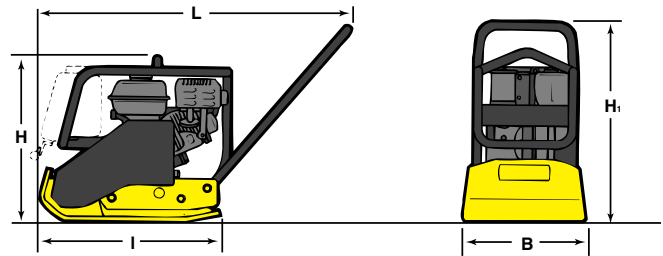
Technical Specifications

BP25/48, BP25/48D

Shipping dimensions

in cubic feet (m³)

| | |
|----------|---------------|
| BP25/48 | 10.95 (0.310) |
| BP25/48D | 13.42 (0.380) |



Standard Equipment

- Honda engine with oil alert - BP25/48
- Removable, vibration isolated steering handle
- Wear resistant base plate with reinforced sides
- Engine protection frame
- Balanced lifting point
- Centrifugal clutch
- Fully enclosed V-belt
- Lifetime lubricated vibration bearings
- Vibration isolated engine
- Self-cleaning base plate

Optional Equipment

- Transport wheels
- Vulcolan mat
- Water spray system

Dimensions in inches (mm)

| | H | H ₁ | L | I | B |
|----------|------------|----------------|-------------|------------|------------|
| BP25/48 | 21.1 (535) | 31.1 (790) | 47.6 (1210) | 27.4 (695) | 18.9 (480) |
| BP25/48D | 25.8 (655) | 31.1 (790) | 47.6 (1210) | 27.4 (695) | 18.9 (480) |

Technical data

Weights

| | lbs | (kg) | BOMAG BP25/48 | BOMAG BP25/48D |
|---------------------|------|-------|---------------|----------------|
| Basic Weight | 298 | (135) | 324 | (147) |
| Operating Weight | 304 | (138) | 331 | (150) |
| Surface load | 0.82 | (575) | 0.81 | (571) |
| Basic Working Width | 18.9 | (480) | 18.9 | (480) |

Dimensions

Dimensions see sketch

Driving Characteristics (depending on site conditions)

| | | | |
|--------------------|--------------------|-----------|-----------|
| Working speed max. | ft / min (m / min) | 75.5 (23) | 75.5 (23) |
| Max. gradeability | % | 30 | 30 |

Drive

| | | |
|----------------------|-----------------|------------|
| Engine manufacturer | Honda | Hatz |
| Type | GX 160 | 1B 20 |
| Cooling | Air | Air |
| Number of cylinders | 1 | 1 |
| Performance ISO 9249 | 5.5 (4) hp (kW) | 4.0 (3) |
| Speed | 3600 rpm | 3000 |
| Performance SAE | 5.5 (4) hp (kW) | 4.0 (3) |
| Speed | 3600 rpm | 3600 |
| Drive system | mechanical | mechanical |
| Fuel | gasoline | Diesel |

Vibratory system

| | | | |
|-------------------|----------|-----------|-----------|
| Frequency | vpm (Hz) | 5400 (90) | 5400 (90) |
| Centrifugal force | lbs (kN) | 6075 (27) | 6075 (27) |

Capacities

| | | | |
|-------|---------|------------|-----------|
| Fuel | gal (l) | 0.95 (3.6) | 0.79 (3) |
| Water | gal (l) | 3.17 (12) | 3.17 (12) |

Technical modifications reserved. Machines may be shown with options.