



BOMAG
FAYAT GROUP

Stabilizer/Recycler MPH122-2



KEY FEATURES

- Hydrostatic drive systems
- Automatic load control
- All wheel drive for optimum traction
- Center and rear wheel steering
- Excellent all around visibility
- Efficient rotor speed adjustment
- Easy rotor cross slope
- Innovative tooth system - BRS 05



MPH122-2

*Optional:
Pressure-ventilated cab with filtered fresh air:
Eases the burden on the operator when operating the
machine in dusty environments*

FOPS/ROPS w/ seat belt (standard)

*The seat is laterally adjustable and can be swivelled
through 90 degrees ensuring all-round visibility.*

*Large capacity fuel tanks (198 gallons):
Allow the machine to be used for long periods*

*The planetary gear boxes with integrated oil bath
multiple disc brakes and high driving torque provide
optimum performance in normal to extreme applications.*

*The integrated hydrostatic
rotor drive ensures maximum
efficiency with a minimum of
maintenance*

*The robust center joint
provides a small turning radius
and ensures stability at all times.*

■ MPH 122-2 - continuing our tradition of excellence...

The BOMAG MPH 122-2 is the solution when it comes to economical and environmentally friendly stabilization and recycling of soils and asphalt in place. Suitable for use as stabilizer or recycler, the MPH 122-2 is equally good at working with clay in soil stabilization as well as carrying out widely differing methods of recycling of asphaltic materials.

A whole range of technical application details make the MPH 122-2 stand out from the rest. The universally applicable rotor, with selectable rotor speeds under load, can be adapted to individual requirements providing the best possible results, while optional metering systems optimized to suit the particular application extend the range of performance and make the MPH 122-2 even more economical as well as versatile. Whatever types of soils and materials the MPH 122-2 is working on, the variable rotor speeds allow the mixing process to be optimized. This allows the binding agents and soil to be processed with minimum wear and optimized power consumption to make a mixture of a quality never before achieved.

■ Applications

- In-place asphalt recycling
- Road construction
- Soil stabilization
- Pulverize damaged asphalt surfaces



A proven solution for strengthening low load bearing soils by mixing in lime, fly ash or cement.

Featuring...

*Optimum maneuverability:
The rear wheel steering combined
with the articulated steering gives
high maneuverability increasing
flexibility even on restricted sites
and in confined areas*



*The tooth change system ensures quick,
easy and safe replacement of the cutting
teeth reducing lost working time*

*Easily replaceable "knock-in – knock-out"
teeth ensures quick tooth replacement
without the need for special tools*

■ Handling is Easier and Safer

- The comfortable operator's seat can be laterally adjusted and swivelled through 90 degrees. Together with the two steering wheels and the two driving levers it gives the operator excellent all-round visibility.
- Automatic switch-off of the rotor for the protection of maintenance and jobsite personnel.
- A safety cut-off switch for replacement of the cutting teeth enhances the high level of machine safety provided.
- Automatic brake actuation when the engine is stopped.
- The EMERGENCY Stop switch engages the disc brakes on all drive wheel units.

■ Productivity and Profit

- Variable rotor speed ensures high levels of application flexibility.
- All-wheel drive for optimum traction means trouble-free operation even under difficult jobsite conditions.
- Excellent maneuverability thanks to the compact design. Articulated and rear-wheel steering are standard.
- Increased availability through the quick-change cutting teeth replacement system.
- The Universal rotor can be used for both recycling and stabilization.

■ High Reliability

- High capacity hydraulic pumps and motors ensure efficient operation even under extreme conditions.
- A rigid frame and robust travel and rotor system ensure greater machine reliability and long service life.

Reliable BOMAG Quality Is Your Investment Security

■ Easy Maintenance

- Easy access to the maintenance points, which have been reduced to a minimum.
- The operator's platform can be lifted for easy access to all components.
- The hydraulic test points are centrally grouped for quick and easy troubleshooting.
- The pumps, filters and batteries are readily accessible and are protected from vandalism by the lockable compartments.
- The rotor end segments are bolted on and in case of wear can be easily and quickly replaced without removal of the rotor.



Simple access to the radiators makes cleaning easier



Quick replacement of cutting teeth without the need for special tools.



Individually exchangeable end segments



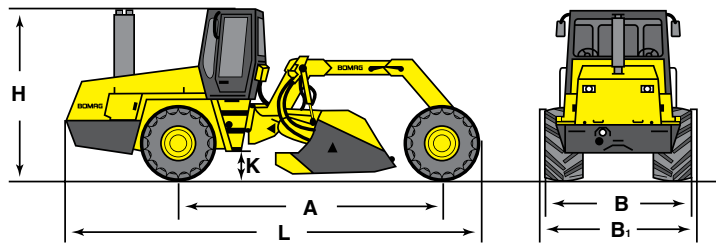
Excellent visibility to the entire working area.



Ergonomic and spacious cab.

Technical Specifications

MPH122-2



Dimensions in inches (mm)

	A	B	B ₁	H	K	L
MPH 122-2	228.9 (5815)	110 (2790)	110.6 (2810)	134.6 (3420)	20.1 (510)	356.3 (9050)

Technical data

Weights

Operating weight lb (kg)

Driving Characteristics

Speed (1) mph (km/h)
 Speed (2) mph (km/h)
 Working speed fpm (m/m)

Drive

Engine manufacturer
 Type
 Tier Compliance
 Cooling
 Number of cylinders
 Performance ISO 9249 hp (kW)
 Speed rpm
 Performance SAE J 1995 hp (kW)
 Speed rpm
 Electric equipment V
 Drive system
 Driven wheels

Tires

Tire size, front
 Tire size, rear

Transmission

Type
 Drive wheel

Brakes

Service brake
 Secondary/Parking brake

Steering

Steering system
 Steering method
 Track radius inner/outer in (mm)

Rotor

Configuration
 Type drive
 Width in (mm)
 Diameter over teeth in (mm)
 Max cutting depth in (mm)
 Rotor speed rpm
 Number of cutting teeth
 Cutting direction
 Oscillation cross slope angle degrees

Capacities

Fuel gal (l)
 Engine oil gal (l)
 Hydraulic fluid gal (l)

BOMAG MPH 122-2

48722 (22100)

0-1.7 (0-2.7)

0-7.5 (0-12)

211 (64.3)

Deutz

TCD 2015 V06

Tier 3

water

6

482.8 (361)

2100

482 (360)

2100

24

hydrostatic

all wheel

750/65R26

750/65R26

hydrostatic

all

hydrostatic

SAHR

articulating + rear

automotive / hydraulic

137.8/248 (3500/6300)

center slung

hydrostatic

94.5 (2400)

48.2 (1225)

19.7 (500)

110 to 160

206

upward

± 5°

198 (749.5)

8.7 (32.9)

74 (280.1)

Standard equipment

- Hydrostatic drive / all wheels
- Hydrostatic rotor drive with automatic power adjustment
- Hydraulic articulated steering
- Hydraulic Rotor Cross Slope
- Rear axle steering
- Operator's platform with:
 - Double travel lever
 - Two steering wheels
 - Adjustable seat
- Weather and vandal protected control panel
- Working Lights
- Holders for push/draw bar
- FOPS, ROPS w/ seat belt
- Lockable storage for tools and teeth
- Four stage warning indication

Optional equipment

- Cab with heating
- Air conditioning
- Radio (only available with cabin)
- Water System (420 gpm / 1600 lpm)
- Water System (130 gpm / 500 lpm)
- Special paint



BRS 05 BOMAG holder system

Technical modifications reserved. Machines may be shown with options.