

ULTRA PRO SERIES BMG-2200

RIDE ON FLOOR GRINDER FOR LARGE SURFACES

The Diamatic BMG-2200 is a large scale ride-on floor grinding machine, designed for large horizontal surfaces. With two drive wheels fitted to the front and a swivel castor to the back, this makes the machine very manoeuvrable both on and off jobsites.

This machine is both effective and ergonomic to operate. The operator sits on a comfortable seat with arm rests on both sides, along with joysticks, push buttons and a touch screen.

The three powerful BMG-780PRO grinding heads produces maximum coverage and effective distribution of grinding pressure on each individual head. This means each grinding head can be operated individually. The machine comes as standard with variable grinding speed, rotation direction, and an independent suspension system. The BMG-2200 also has variable grinding pressure which makes it perfectly suitable for every jobsite. It is designed with an integrated powerful dust collecting system with HEPA 14 filters, which makes the BMG-2200 virtually dust free according to OSHA regulations. This heavy duty dust collection system is equipped with an automatic pulse filter cleaning system, Longopac system and is provided as standard with a pre-separator.

OPTIONS BMG-2200



BLS-1058

4 PACK LONGOPAC SLEEVE
(4 X 20 M)



E12759

REMOTE CONTROL SYSTEM



E12599

BATTERY PACKAGE



E10693/BMG-2200

CAMERA SYSTEM
BMG-2200



E12765


WATER KIT BMG-2200

USER FRIENDLY

Easy to operate due to joysticks for driving forward and backwards with cruise control option, a joystick for steering with 360° turn button and push buttons for the most common functions. The touchscreen provides all the feedback signals like the amperage of the grinding head, drive speed and grinding pressure.


DUST COLLECTOR SYSTEM


The integrated dust collector system is equipped with a HEPA 14 filter system to comply with the OSHA regulations. Due to the standard pre-separator, up to 95% of the dust can be captured before it gets to the filters, which increases the lifetime of the filters. The vacuum and flow are changeable due to three different blower settings so the dust collector can be set for the right type of job.

 Ø 2.200 MM (9 X Ø240MM)

 3.035 KG INCL. GRINDING HEADS
GRINDING WEIGHT: 2.075 KG
(WEIGHT OF MACHINE WHEN GRINDING HEADS ARE ON THE SURFACE)

 3.450 MM | 2.250 MM | 1.990 MM


 400 - 1.200 RPM

 TOTAL POWER: 62 KW | 3X 460V | 60HZ | 125A
GRINDING HEADS: 3X15 KW
DUST COLLECTOR: 1X 13 KW
MAINTENANCE: 3X 460V | 60HZ | 16A

 HIGH QUALITY FILTERS | AUTOMATIC PULSE CLEANING | HEPA 14 FILTER

 ENDLESS BAGGING SYSTEM

 RIDE ON | 0 - 24 M/MIN

 CONCRETE | STONE | MARBLE | ASPHALT | GRANITE | TERAZZO

CHANGEABLE GRINDING PRESSURE

The lifting and lowering of the grinding heads on the BMG-2200 is done by an innovative pneumatic system. As a result, all heads are able to have more or less grinding pressure. There is an air hose connection on the air tank for the external compressor to lift the heads when there is no power supply. (Only with battery package)

MAINTENANCE POWER SUPPLY

The BMG-2200 is equipped as standard with a maintenance/ emergency power supply in case there is no 125A power supply available. When connecting 3 phase power supply with at least 16A, all functions will work, except the grinding heads and dust collector system. This allows you to drive the machine and lift or lower the heads.