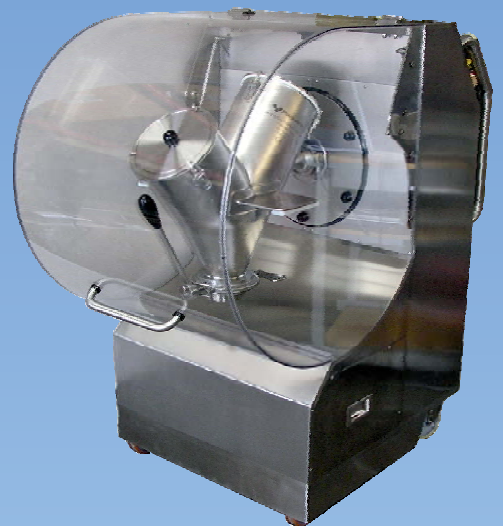


Pharmatech Multiblend®

Powder & Granule Blender - **MB030**

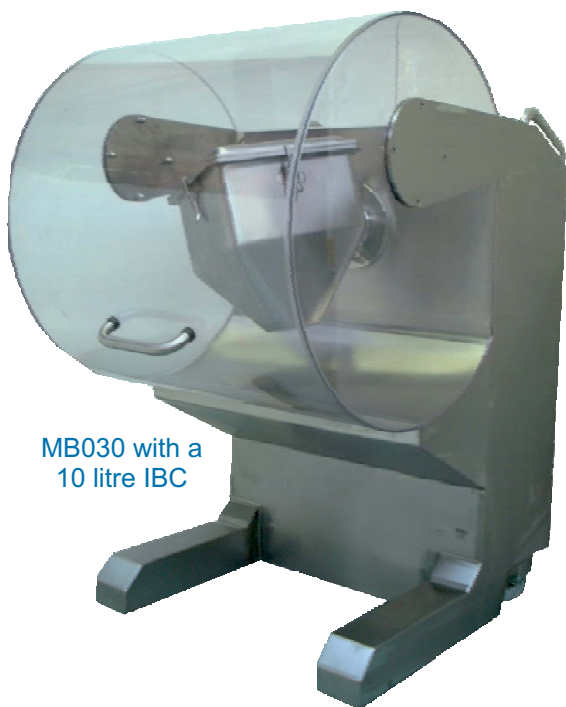


Pharmatech
Innovation in Pharmaceutical Engineering

Mobile Laboratory Blender

The MB030 has been developed by Pharmatech as a mobile laboratory scale blender. It is the ideal machine for scale up work and small scale production work.

The MB030 is designed to be highly versatile and can blend containers of any shape or size (upto 30 litres). All blending containers are quickly and easily interchanged using a clampband system.

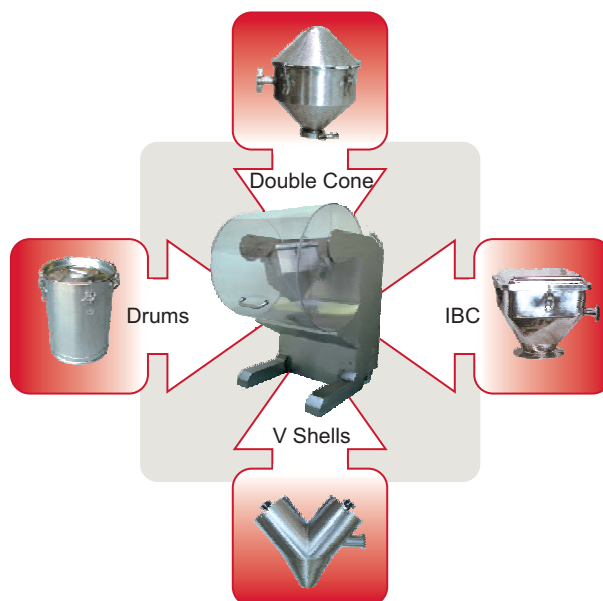


MB030 with a
10 litre IBC

Container Shapes

Like all MultiBlend® blenders the MB030 features the Quick-Change facility where the blending container can be quickly removed and replaced with another without the use of tools. All standard blending vessels shapes are available:

- drums (barrels) - 0.025 to 30L
- IBCs (bins or totes) - 0.1 to 25L
- V-shells (Vee cones, Y-cones, twin shells) - 0.1 to 20L
- DoubleCone - 0.1 to 30L
- Special shapes



Blendview
Version



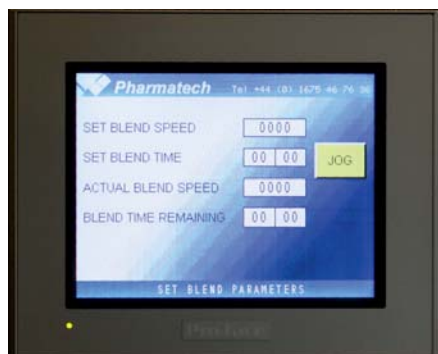


Operator Controls

The operator controls are conveniently located on the rear of the machine. They include HMI, Emergency Stop, and key switch to prevent unauthorised use.

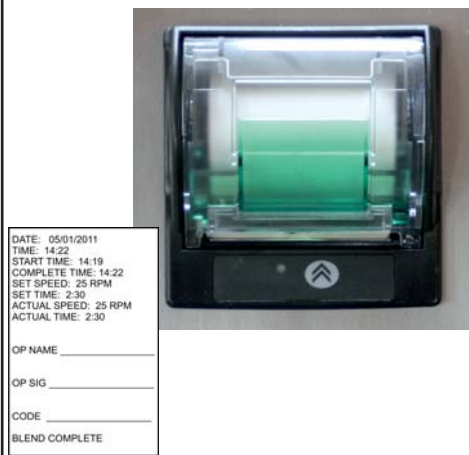
The standard MB030 is controlled from a 5.7" full colour touch sensitive HMI panel. This unit allows the settings of time & speed. During blending the actual speed & time remaining are shown. Operator guidance and error/fault messages make operating the machine simple.

Optional enhanced programmes with operator login & stored recipes available.



Printer

An ink jet tally roll printer can be incorporated providing a printout of the blend cycle.



Quick Change Of Blending Vessels

The quick change system is designed for operator comfort. Simply position the vessel on the drive shaft, release and use both hands to fully tighten the clamp.

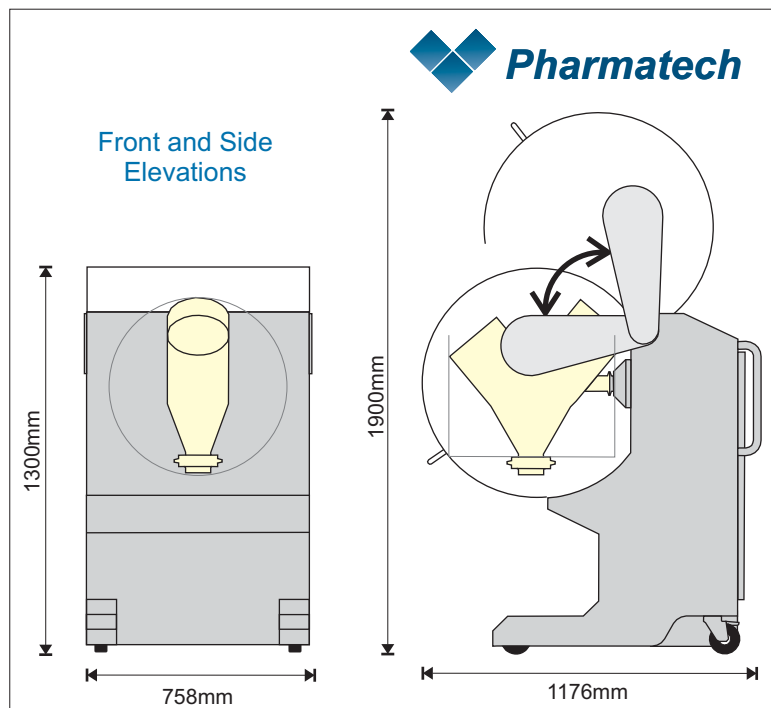
Ask for our Datasheet on blending vessels to be used with this machine.



Certificate No. GB 17833

Technical Details

Dimensions	See Drawing
Power Supply	230V 50Hz 1 phase*
IP Rating	IP54
Approx. Weight	155kg (Drive Unit only)
Max. Batch Volume	20 litres
Max. Batch Weight	20kg
Max. Rotation Radius	330mms
Max. Vessel Length	560mm
* Max. Vessel length to include adapters	
* Other voltages on request - ask for details	




Standard Features

- All stainless steel construction
- GMP correct design
- Variable speed from 3 to 30 rpm
- Mobile - easy to push & steer
- HMI Controls
- Non Ex Rated
- CE mark
- Colour Touch Sensitive HMI Controls
- See-through, interlocked safety guard
- Suitable for all shapes of containers
- Suitable for handling up to 20 litres of product

- Quick Change container system
- Electrical - 230v 50Hz supply (other voltages on request)
- Vertical Autostop

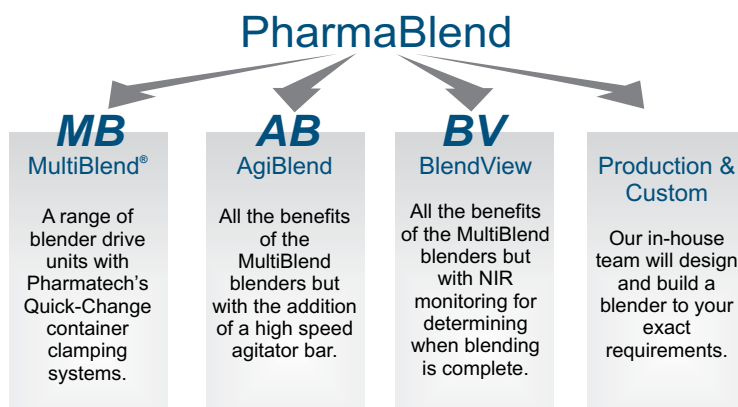
Options

- PLC Controls
- Printer
- ATEX rating (to any standard) 
- Non standard voltages
- Validation Documentation (DQ, IQ, OQ & FAT)
- Container Attachment

The PharmaBlend Range

The MB030 is just one of a range of blenders supplied by Pharmatech

PharmaBlend Blenders are Pharmatech's range of high quality blenders. These blenders are used extensively in pharmaceutical companies around the world.



AgiBlend Blenders - **AB**

High Shear Mixing within the Blending Container



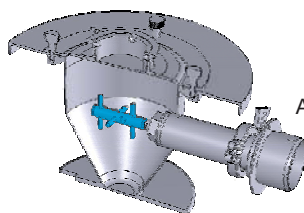
Special AgiBlend
AB400 with 75 litre
Double Cone

Standard tumble blenders provide a gentle, low shear action. The mixing efficiency within an AgiBlend container is increased by the use of high shear agitator bars.

- High shear, counter rotating mixing bars give an intensive mixing action
- Ideal for potent and highly coloured products
- Any shape of container
- Any size of container
- Option of Liquid addition through the Agitator Bar
- Advanced seal design developed by Pharmatech



Interior of a
V-Shell fitted
with an
Agitator Bar



Blending
Container
with an
Agitator Bar

BlendView Blenders - **BV**

PAT Enabled Blenders for Blending Endpoint Determination

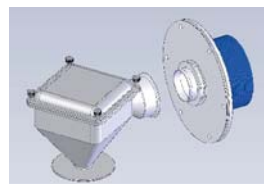
The BlendView system allows the continuous collection of high quality blending data leading to superior analytical accuracy.

The NIR components do not rotate and are protected within the blender frame.

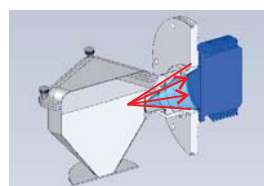
- Real time readouts of your blending process
- The wide spectrum of FT analysis allows more information to be collected. It also allows the tracking of more ingredients
- Suitable for use with fixed shell blenders or machines where the blending container is removable
- Available for all containers from 0.2L upwards
- Software 21 CFR Part 11 compliant



BV030 Blender - the fully
integrated laboratory
(consisting of onboard
spectrometer and PC)



BlendView containers use
the Quick-Change system



Cross section showing
BlendView principal

Our extensive range:



MB005



MB015



MB030



MB100



MB400



MB800A



MB1200A



MB2000A