



Laboratory Blender LM 40

Advantages:

- mobile unit
- results fully scalable from 5 up to 12,000liters
- integrated safety switch
- operator-friendly, modular and compact design
- easy, fast and complete discharge

Laboratory Blender LM 40

	LM 40
Overall dimensions [LxWxH] mm	950 x 755 x 1540
Total load capacity [kg]	Up to 40 kg max. (including container)
Standard blending speed [rpm]	10 - 50
Materials [product contact]	Stainless Steel 1.4404 (316L)
Materials [no product contact]	Covering 1.4301 (304)
Surface [product contact]	Electro polished / Ra \leq 0,5 μ m
Surface [no product contact]	Ground grain 240 / Ra \leq 2 μ m
Discharge Valve	Outlet opening 65 mm (2 ½ " butterfly valve)
Supplies	
Circuit breaker	16A
Voltage	230 V / 50 Hz (or acc. to local demand)
Control System	Hard wired
Qualification	DS, FS, IQ, OQ

The Bohle Laboratory Blender LM 40 is a mobile unit. The blender itself is integrated into a frame with lock casters. A Plexiglas cover protects the type MC blending containers (standard container sizes: 5, 10, 20 and 40 litres) during rotation to ensure full worker safety.

The Bohle blending technology has been demonstrated to be fully scalable from five liters (LM 40, as presented) up to 12,000 liter blenders.

The cover is opened to allow access to the MC blending container. If the cover is opened during blending, a safety switch will stop the unit. The blender has a drive unit with a bevel gear motor and a potentiometer control to infinitely adjust the rotational speed.

The Bohle blending system provides the maximum in blending performance, precision and accuracy. A laboratory scale blender is available for trials in our Service Center in Ennigerloh, Germany. We would be happy to host your blending trial on this blender to demonstrate the amazing system capabilities.