

The CIMA Industries Milling machines are designed for precision particle size reduction with consistent and predictable end results. These machines are ideal for use in continuous or batch production, R & D, scale-up or lab applications. CIMA Mills offer a wide range of cost effective process possibilities with easy to clean, compact GMP designed machines. CIMA Mills are directly scalable to larger units and provide low-heat, quiet operation for your particle sizing applications.



G-SERIES

■ GRAVITY FEED SYSTEM

The CIMA G-SERIES Mill offers the ability to feed the process chamber simply and effectively by gravity. The G-Series is ideal for feeding large amounts of product quickly and efficiently and can be combined with our Powder Containment System for a low-dust environment.

■ POWDER CONTAINMENT SYSTEM

The Powder Containment System or PCS is designed to isolate all product that has been discharged to the IBC in an effort to minimize airborne dust. A sealed connection between the process chamber discharge and IBC allow for reduced : product loss, product contamination and operator exposure.

■ SCREEN / MESH OPTIONS

Screens are available in sizes from 12-120 mesh with round or square openings, diagonal or straight slotted. Custom screens available.

■ ROTOR FEATURES

All CIMA Mills are provided with a one piece knife / hammer rotor and both sides can be utilized by simply reversing the rotor on the drive shaft. The knife edge chops, granulates and sizes while the hammer pulverizes, purees and emulsifies. Additionally CIMA offers a broad range of styles, shapes and sizes of rotors to accommodate specific particle size requirements.

■ CLEAN-UP / ASSEMBLY

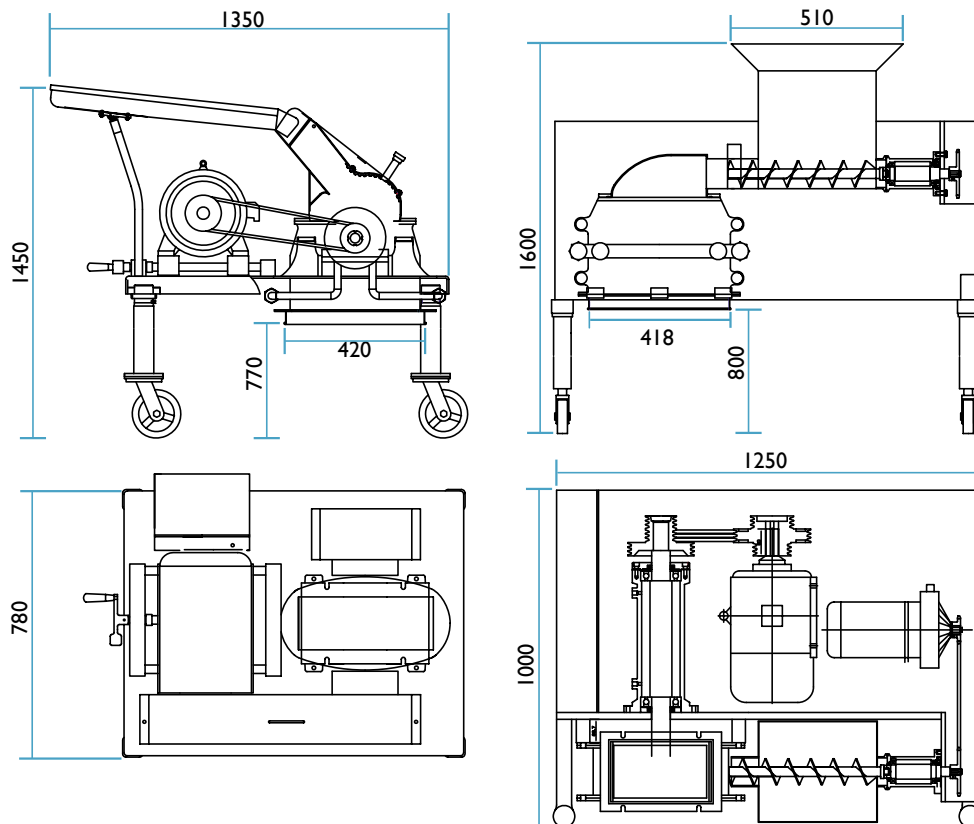
CIMA Mills are designed so a single operator can disassemble and clean all contact parts quickly and thoroughly with a minimal use of tools. All contact surfaces are polished stainless steel and component parts are lightweight for easy handling.

M-SERIES

■ METERED FEED SYSTEM

The CIMA M-SERIES Mill offers the potential for complete process repeatability, improved product uniformity and can eliminate inconsistencies due to variables in operator procedure. The M-SERIES offers a vari-speed auger to consistently feed product into the process chamber at a metered rate, greatly enhancing the milling process.

TECHNICAL DATA



*Vari-speed drives are standard

	G-SERIES	M-SERIES
Weight (kg)	250	318
Length (mm)	1350	1250
Width	780	1000
Height	1450	1600
Power (hp)	10	10
Speed (rpm)	4400	4400

