



DOPAG Metering and mixing system for low to medium viscosity media ECONO-MIX C

The ECONO-MIX C mixing and metering system will process low to medium viscosity two component media, such as adhesives, polyurethanes, epoxies and silicones and is ideal for use in small production runs.

Fed by pressure feed containers, the piston pumps allow filled materials to be processed without undue wear. The metering ratio, which is variable, is infinitely adjustable between it's limits.

The machine is portable and occupies a very small footprint.



Features and benefits

- Hard chromed, resistant pistons
- Solvent free flushing
- Handles materials up to 50,000 mPa s viscosity
- Economic solution
- Variable mixing ratio
- Compact design
- Continuous output
- Portable



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Technical data

Viscosity range	100 bis 50'000 mPa s
Metering ratio	1:1 bis 6:1
Maximum flow rate	up to 2 l/min
Air inlet connection	1/4" BSP
Air inlet pressure supply	6 bar
Air motor	Ø 100
Container size	2 x 4 to 45 l
Dimensions (L xWx H)	600 x 600 x 1200 mm
Weight	approx. 130 kg

Function

Pressure feed containers feed both components separately into double acting piston pumps which are driven by a single reciprocating air motor.

The «A» component pump will always share the same stroke as the air motor, but the "B" component pump enjoys a shorter stroke length as it is located along a pivoting beam arrangement, thus creating the mix ratio.

The mix ratio can be adjusted by moving the «B» component pump along the pivoting beam.

Both components are kept separate until they enter the mixer where they are homogeneously mixed.

Equipment

Standard

- Portable chassis and frame
- Lever system
- Piston pumps
- Air motor
- 12 l pressure feed containers
- Twin snuffer valve

Options

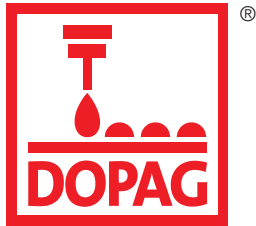
- Different size pressure feed containers
- Variable hose lengths
- Material pressure regulator
- Foot operated switch
- Material filter



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The Hilger u. Kern / Dopag group, with more than 300 employees and 7 subsidiaries, is one of the leading manufacturers of machines for metering and mixing systems in the world for plural component polymers and single component media such as greases, oils and pastes. For more than 30 years the group has developed machines, systems and components to suit your individual needs.