combiloop CL1 G



The space-saving marvel – perfect for high-pressure beginners

As the most cost-effective entry model in the combiloop family, the CL1G fits perfectly into the unused space between peripherals and machine tools, with a width of just 40 cm. Sleek and highly functional, it delivers high-pressure performance up to 70 bars and exceptional filtration for purity and extended service life, making it the optimal solution for temporary pressure generation. Designed for flexible, efficiency-enhancing use across various machine tools, the combiloop CL1G is compact yet powerful.



// Ingenious modular system with high standards

- Stepless pressure adjustment up to 70 bars with a robust, low-noise gear pump
- + Early chip breaking, spindle flushing, and deep-hole drilling capabilities
- + Compatible with all standard cooling lubricants
- + Up to 10 times tool life extension

// Thoughtful, intelligent design

- + Quick top-access filter change without contaminating the clean area
- + Electric filter clogging indicator
- + Lightweight, removable service panels for tight installations

- + Safety, professionalism, and durability
- + High accessibility with ergonomic operation and serviceability

// Innovative filtration concept

- + Long service life and significant operating cost reduction
- + Fine filter as a high-performance wire mesh filter
- + Extended service life with dynamic fine filtration (up to 10 μm)
- + Wire mesh: polymer-free, reusable, cost-efficient, and recyclable



Noise-reduced gear pump in a cast housing with 70 bar allows deep-hole drilling, nonrecutting drilling, and many other advantages, boosting efficiency in drilling, turning, and milling.



Learn more at: muellerhydraulik.de

For machine tools combiloop CL1 G





Top image:

Safe access to the replaceable filter from above: a win for work safety, time savings, and minimizing contamination.

Left image:

Our self-developed replacement filter elements are unbeatable in cost-efficiency. With an extra-large filter surface of up to 18,000 cm², they significantly extend service life, reducing filter changes and machine downtime – a real cost saver! The washable wire mesh elements are easy to clean in an ultrasonic bath, further lowering operating costs and supporting sustainability.

EQUIPMENT	 Approx. 500 x 400 x 680 mm (L x W x H) < 70 bar, high-pressure pump as constant pump (robust gear pump) Power supply 3~/PE 400 V/50 Hz
FLOW RATE	· 9 / 16 / 20 / 24 l/min
PRESSURE	· Progressive to 70 bars
FILTER / FILTRATION FINENESS	· Exchangeable filter, mesh, washable (10μm, 25 μm, 40 μm, 60 μm) · Electric clogging indicator
OPERATION	· Cutting oil · Water emulsion (minimum 8% oil content)
SERVICE CONNECTIONS	· Up to 4 controllable service connections
ADDITIONAL FEATURES	 Electrical interface: single-channel and dual-channel monitoring for all standard machine tools Option: Mechanically pressure-regulated high-pressure connections (XDR)





Want to learn more? We're happy to advise you! Schedule a consultation – online, by phone, or in person.



Maximize efficiency in minutes – save thousands: The Müller Configurator helps you find the perfect high-pressure system in just 12 steps! Scan the QR code to try it out.





Müller Hydraulik GmbH Albring 29 D - 78658 Zimmern o.R. Tel. +49 (0)741-174575-0 Fax +49 (0)741-174575-299 info@muellerhydraulik.de