

combiloop CL1 E

PERFECT UNDER THE BAR FEEDER
正好安放于棒料给料器下方



This high-pressure unit proves that high performance and modern design do not have to be expensive. The highest efficiency in the compact class is safeguarded by the new concept with three times the filter surface. Thanks to its perfected measurements, the combiloop CL1 can be fitted under many bar feeders. Also as a mobile unit, it is ideal for changing locations on various machines, e.g. for short runs.

该高压设备证明高性能和现代化设计不一定昂贵。该紧凑型产品的最高效率通过三倍过滤的新理念得以保证和实现。借助精确的量测, combiloop CL1 可安放于多款棒料给料器下方, 另外作为可移动设备, 可安放于多种机器的不同位置, 例如临时小批量生产。

Technical data // 技术数据

Equipment	// Approx. 690 x 565 x 565 mm (L x W x H), weight approx. 140 kg // 70 bar, high-pressure pump as constant pump (robust gear pump) // Power supply 3~ / PE 400 V / 50 Hz
Flow rate	9 / 12 / 16 / 20 / 24 l/min
Pressure	Progressive up to 70 bar
Filter	// Exchangeable filter, mesh washable // Twin coupling filter, mesh washable
Filter fineness	40 µm, 60 µm
Operation	// Cutting oil // Water emulsion (min. 8 % oil content)
Service connections	Up to 4 controllable service connections

设备	// 大约 690 x 565 x 565 mm (长 x 宽 x 高), 重量大约 140 kg // 70 bar, 恒定压力的高压泵 (高性能的齿轮泵) // 电源 3~ / PE 400 V / 50 Hz
流速	9 / 12 / 16 / 20 / 24 l/min
压力	最高渐进至 70 bar
过滤器	// 可替换过滤器, 可清洗网过滤网 // 双耦合过滤器, 可清洗网过滤网
过滤精度	40 µm, 60 µm
工作	// 切削油 // 切削液 (至少含 8 % 乳化液)
服务接口	最多 4 个可控制的服务接口

Benefits

- // **New development: Triple filter area for higher medium purity and longer filter service life.**
- // **Fast and simple filter changes thanks to access through top cover.**
- // **A large number of machining operations requiring high pressures can be mapped in an area between 50 and 70 bar.**

优势

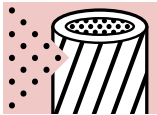
- // **新开发: 三倍过滤面积, 实现更高介质纯度和更长的过滤器使用寿命。**
- // **通过顶盖可快速便捷更换过滤器。**
- // **大量需要高压的加工操作处于 50 到 70 bar 的范围内。**

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Function // 功能

- // High pressure: up to 70 bar
- // Flow rate: up to 24 l/min
- // 高压: 最高 70 bar
- // 流速: 最高 24 l/min



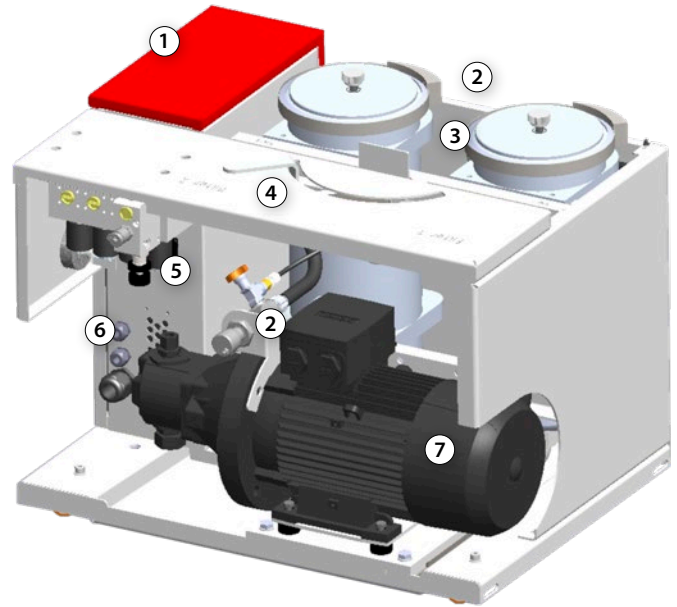
Experience one core-innovation behind our compactness – our ingenious filtration!

体验我们紧凑性背后的核心创新 – 我们独创性的过滤!

- 1 // Mobile high-pressure unit in an aesthetic design
- 2 // Control valve with pressure gauge for smooth adjustment of the operating pressure
- 3 // Fine filter as exchangeable filter (optional twin coupling filter)
- 4 // Change lever for twin filter
- 5 // Manifold with controllable service connections (option)
- 6 // Electronic control (option, not visible)
- 7 // High-pressure pump as constant pump (gear pump)

Fields of application:

Breaking chips early, spindle flushing, deep hole drilling of up to 2.5 mm and 10xD at 70 bar at the use of gun drills.



- 1 // 采用美观设计的移动高压装置
- 2 // 带压力表的控制阀, 可平稳调节工作压力
- 3 // 可替换式精细过滤器 (选配双耦合过滤器)
- 4 // 更改双过滤器的控制杆
- 5 // 多种可控服务接口 (可选)
- 6 // 电子控件 (选件, 不可见)
- 7 // 恒定压力的高压泵 (高性能的齿轮泵)

应用领域:

更早折断切屑, 主轴冲洗, 使用枪钻在 70 bar 下钻出最深 2.5 mm 和 10xD 深孔

Your notes: // 您的注释: