

Mixing – Pumping – Spraying Mortar / Grouting Pump

for injection-, grout and spraying mortars

CLEVER & CO
Shotcrete Technology
Elektro- und
Maschinenfabrik
GmbH



- high performance factor
- variable
- economical

SBS

Description

The **Type CL 02** pump is a high performance mortar pump used for the exclusively pumping of ready-mixed, machine-customised cement mortars. This mortar pump gets filled directly, via a continuous mixer or a compulsory mixer. The mortar gets sucked up from the hopper by worm drive and will be fed via the patented worm pump (up to 150 m).

The **Type CL 06** pump is a continuously working mixing pump, which permits the problem-free mixing and pumping of dry-mixture mortar at the same time. The drive is provided by a single main motor supplying the material from the hopper to the mixing chamber. The dry-mixture mortar gets continuously mixed with the water in the mixing section and will be transported to the downstream worm pump. An optional mixing chamber extension ensures that special mixtures can also be homogenously mixed at any time.

Scope of application

The approved mixing and pumping technology has been developed for universal applications. Especially for injection and grouting works, drill hole- or backfilling jobs and processing of wet spraying mortars this pump type has been made for. No matter if stressful underground conditions, tunnel construction or civil engineering, this pump is a long-lasting and robust solution for any application.

Technical Data

Type CL 02

Worm pump	(Type)	MP2-MP18
Grain size	(mm)	0-8
Conveying capacity	(l/min)	3.3 – 90 (depending on used worm pump)
Conveying range	(m)	100 and more
Pump pressure	(bar)	max. 50
Dimension	(L x W x H)	1,000 x 650 x 750
Weight	(kg)	app. 100
Gear	(kW, U/min)	3.0/150 or 5,5/190
Operating voltage	(V, Hz, A)	400 / 50,
Fusing	(A)	16 / 32



Type CL 06

Worm pump	(Type)	MP2-MP18
Grain	(mm)	0-8
Conveying capacity	(l/min)	5 – 90 (depending on used worm pump)
Conveying range	(m)	100 and more
Pump pressure	(bar)	max. 50
Dimension	(L x W x H)	1,000 x 650 x 865
Weight	(kg)	app. 210
Gear	(kW, U/min)	5.5 / 190
Operating voltage	(V/Hz)	400 / 50,
Fusing	(A)	32



Subject to technical alternation | as of July 2011