

Colloidal Grout Mixer / Pumps (High Pressure)

The CMP range of Colloidal Grout Mixer/Pumps provide self-contained grouting units capable of operating at high pressure and offering the advantage of colloidal mixing. All the pumps in this range are hydraulically powered, providing excellent control of flow and pressure.

Each machine incorporates mixers and pumps of matched capacity which together with an agitated storage tank enable virtually continuous operation once work has commenced.

The unique mixing action allows rapid mixing and pumping of grouts containing sand, up to a sand/cement ratio of 4:1 and neat cement grouts with water/cement ratios as low as 0.36:1 without additives, or lower with plasticisers or super plasticisers. The mixers are also very efficient at mixing bentonite and other clay products as the process accelerates hydration and makes a more stable product.

The range of mixers as detailed below cater for outputs from 1.5 to 8 cubic metres per hour as batch mixers, dependent upon mix design and material feed rates.



MODEL	DESCRIPTION	MAX OUTPUT M3/Hr	BATCH CAPACITY		MAX PRESS BAR	DRIVE OPTIONS	
			MIXER LITRES	AGITANK LITRES		ELECTR kW	DIESEL HP
CMP 1110	COLLOIDAL MIXER/PUMP	4.5-8.0	300	600	100	46.2	-
CMP 1212	COLLOIDAL MIXER/PUMP	3.0-4.5	150	750	90	25	-
CMP 1295	COLLOIDAL MIXER/PUMP	2.5-4.5	150	300	100	23.5	24.7
CMP 1630	COLLOIDAL MIXER/PUMP	1.5-2.1	120	150	100	17.6	-

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