

Colloidal Grout Mixer / Pump Units

The combination of the Colcrete Colloidal Grout Mixer with a Colmono Grout Pump into a self-contained grouting unit, makes a very versatile and efficient piece of equipment. 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 superplasticisers.

The mixers are also very efficient at mixing bentonite and other clay products as the process accelerate 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 rated. Alternative pump rates can be specified if required.



Model	Max. output (M3/HR)	Batch cap. Mixer (Litres)	Batch cap. Pump (Litres)	Max Pressure (Bar)	Electric (KW)	Diesel (HP)	L (M)	W (M)	H (M)	WT (KG)
Colmono 10/10	4.5 - 8	280	370	10	22+5.5	40	2.4	1.35	2.6	1900
Colmono CX 4/10	2.5 - 4.5	120	190	10	18.5	23	2.43	1.8	1.98	1250
Colmono 4/6	2 - 3	120	165	10	11	15	1.8	1.77	1.66	1150
Colmono 2/4	1.5 - 2.5	60	70	10	11	15	1.93	1.83	1.38	850

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