

CWC

Cutter Pump

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2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives



Est. 1888



ABOUT CWC CUTTER PUMP

Robust all rounder cutter pump for all your needs of municipal, industrial and domestic sewage, waste & effluent transfer needs.

The CWC range pump comes with a grinder system which grinds soft solids into small pieces so that they can be separately drawn away through smaller pipes.

These pumps can be used for pumping effluents or waste with untreated sewage. The cost-effective CWC cutter pump is easily maintainable. The pump is designed to reduce energy consumption, thus resulting in minimum impact on environment.



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

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TECHNICAL SPECIFICATION

Head Range	:	Up to 39 M
Discharge Range	:	Up to 290 LPM
Power Rating	:	1.2 kW to 4 kW (1.6 to 6.0 HP)
Voltage Range	:	415 Volts \pm 10%
Insulation	:	F Class
Protection	:	IP68
Operating temperature	:	40°C

APPLICATIONS

- Waste water with discharge from water closets
- Sewage from restaurants / hotels / camping sites etc
- Effluents from abattoirs
- Effluents & waste from waste water or effluent treatment plants.
- Sewage treatment in communities or area where no sewer system is available

FEATURES



• Designed with a effective and reliable grinder system which grinds solids into small pieces so that they can be drawn away through discharge pipes of a relatively small diameter.



• Water tight cable connection: Hermetically sealed polyurethane-filled, stainless steel cable plug connection to ensure no liquid entry into the motor.



• Specially designed lifting handle to ensure proper lifting irrespective of installation / motor position.



• Stainless steel clamp for easy and quick dismantling of pump casing without the use of any special tool that enables 180 degree rotation of the pump casing. Easily serviceable, suitable for both temporary and permanent installation and can either be installed on auto coupling system or can stand freely at the bottom of the pit.



Performance Table for Cutter Pump at Rated Voltage Three Phase, 50 Hz, AC Supply

PUMP MODEL	POWER RATING		PIPE SIZE	RATED VOLTAGE (Volts)	RPM	TOTAL HEAD IN METRES					
	kW	HP	mm			6	9	12	15	18	21
	DISCHARGE IN LITRES PER MINUTE										
Eterna 1200 CWC	1.2	1.6	40	415	2850	270	235	180	120	50	-
Eterna 1500 CWC	1.5	2.0	40	415	2850	295	258	220	175	130	70
						24	27	30	33	36	39
Eterna 4000 CWC	4.0	5.5	40	415	2850	270	225	180	135	85	30

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