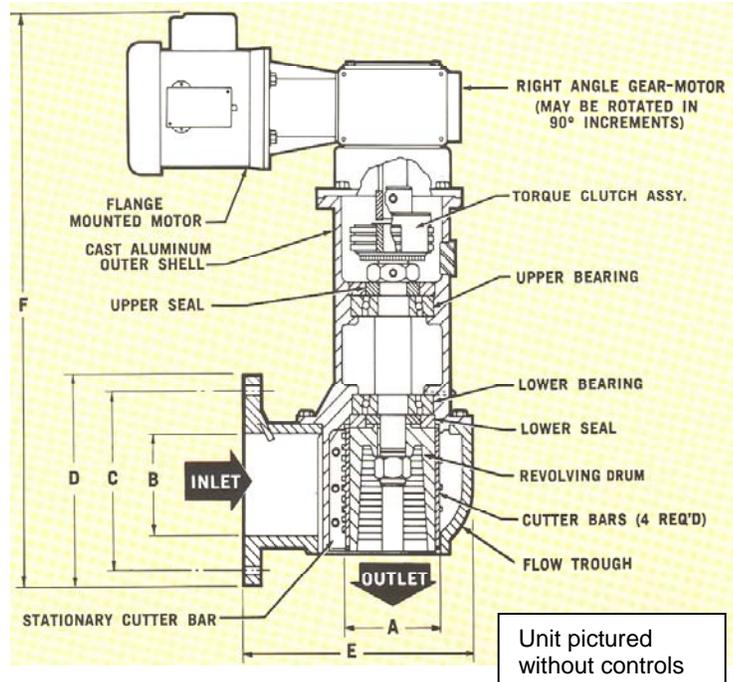


COMMINUTOR CAST ALUMINUM FLANGED

“The Sewage Grinder”

MODEL	PH-5	PH-8
DIMENSION A	5-1/8"	8-1/8"
DIMENSION B	6"	8"
DIMENSION C	9-1/2"	11-3/4"
DIMENSION D	11"	13-1/2"
DIMENSION E	14-3/4"	19"
DIMENSION F	30"	33"



The Dynatec Machine cast aluminum flanged comminutor is available with standard capacities ranging from 0-300 gallons per minute. The unit has three main castings: the shell assembly, the trough assembly, and the rotating sewage screen, all constructed of cast aluminum. The rotating sewage screen provides a base for the rotating cutter and acts as a sewage screen for solids larger than 1/4" in size. A stationary cutter bar equipped with cutter teeth pull in solids that get caught in the rotating cutter because they are too large to pass through the screen. Using a grinding / meshing action, the carbon chrome steel bar and teeth shear the solids into particles small enough to pass through the sewage screen before entering the wastewater treatment plant.

The PH series comminutor is equipped with an automatic reversing control panel. When the unit encounters a very hard object or jams, the control automatically reverses the motion of the cutting drum, clears the jam, and then restarts in the forward position. The units' gear reducer and motor have been designed for continuous duty, low speed, and high torque capabilities. Units are available in 115/208/230/460 volt, 1 or 3 phase, 60 hertz. Units are also available to service 50-hertz requirements. For capacities over 300 gallons per minute, please consult PCS.

ENGINEERING DATA

MODEL	PH-5-C	PH-8-C
Capacity	0-175 gpm	0-300 gpm
Service Factor	1.0	1.0
Drum RPM	35	35
Horsepower	1/2	1/2
Gearbox Ratio	50:1	50:1
Slot Width	0.25"	0.25"
Cutting Teeth	12	16
Shipping Weight	150#	180#



**Pollution
Control
Systems, Inc**

5827 Happy Hollow Rd. Suite 1-B
Milford, OH 45150-1830
Tel: (513) 831-1165 Fax: (513) 965-4812
E-mail: Polconsys@aol.com
www.PollutionControlSystem.com