

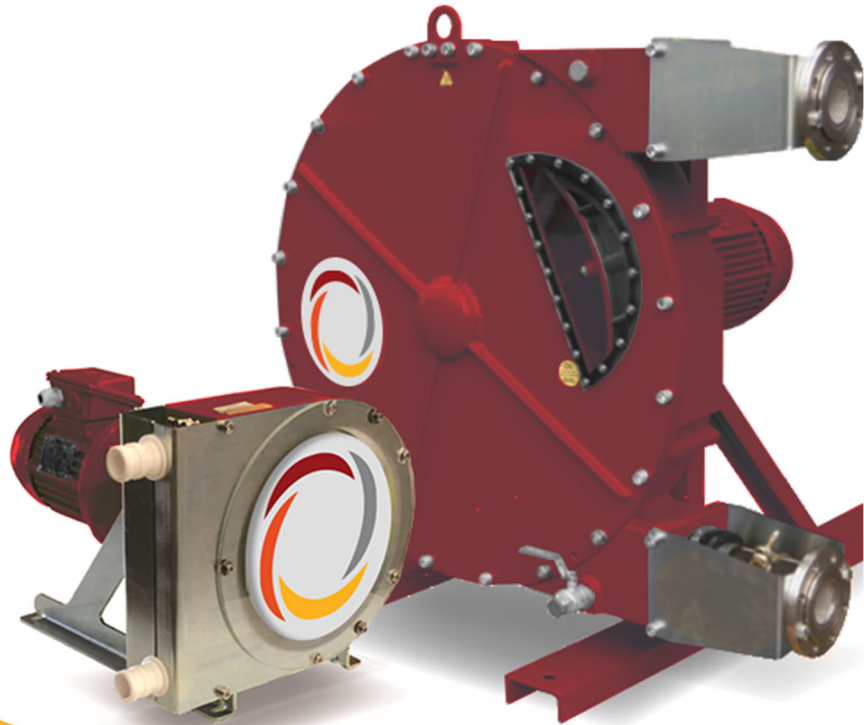


DAE Pumps

DESIGNED AND ENGINEERED PUMPING SOLUTIONS

COMPANY AND PRODUCT OVERVIEW

OPEN FLOW PUMPS



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DAE OPEN FLOW PUMP SOLUTIONS

DAE Pumps is the expert in delivering electric Open Flow pumps that have been engineered with decades of industry experience to provide the performance, design simplicity and reliability our customers demand to achieve the lowest total cost of ownership.

MARKETS AND APPLICATIONS



Water/Wastewater – Lime water, granular activated carbon (GAC), sodium hypochlorite, ferric chloride, sodium bisulfite, fluoride, polymers, aqueous ammonia, potassium, permanganate, caustic soda, and many more



Mining/Quarries – Sludge, viscous fluids, mud, clay, fluids with high solid content, light concrete, lead sulfate, pyrite, SABX, cyanide, various acids



Chemical – Corrosive acids and bases, latex, alcohol, soap, shampoo, cleaning agents, non aromatic solvents, chemical dosing, paint, water based paint, acrylics, pigments, ink, wall coating



Food and Beverage – Yeast, diato-maceous earth, egg white and yolk, fats, olive oil, wine, semolina, water and salt mixtures, natural flavorings, bakery dough/batter, cream, sugar mills, molasses, liquid sugar, liquid protein, syrups



General and Other Industries – Kaolin, pulp and paper waste sludge, manure, fertilizer, ceramic glaze, mold filling, titanium dioxide filter press feeding, building fibrous mortar, plaster, liquid cement



PUMP BENEFITS

- ✓ Best total cost of ownership
- ✓ High-quality with a long hose life
- ✓ Faster and easier maintenance
- ✓ Better service
- ✓ Competitive lead time
- ✓ Attractive pricing
- ✓ Low shear
- ✓ Predictable performance with subsequent cost savings
- ✓ Available in many different sizes for flow rates up to 635 GPM









PUMP FEATURES

- ✓ Fully self-priming
- ✓ Damage-free continuous dry running
- ✓ No mechanical seal nor packing gland
- ✓ Suitable for abrasive, corrosive, or viscous fluids
- ✓ Easy installation, operation, and maintenance
- ✓ Reversible flow
- ✓ Low sound level
- ✓ Perfect volumetric flow
- ✓ Accurate & repeatable dosing & metering
- ✓ Long life and greater reliability
- ✓ Lowest cost of ownership
- ✓ Stainless steel screws



HOSE FEATURES AND BENEFITS

- ✓ Highest quality compound rubber
- ✓ Long life material and structure with inner reinforcement layers
- ✓ Suitable for pressure up to 220 psi
- ✓ Available in 7 different rubber compounds and in 16 different sizes to fit most competitor pumps

 PUMP MODEL	 MAX FLOW	 RECOMMENDED FLOW RANGE	 MAX PRESSURE	 PUMP WEIGHT	 PUMP CONNECTION
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CREST / High Pressure Hose Pump					
CREST05-3	5 GPH	1-4 GPH	115 PSI	55 LBS	Hose tail Ø 5/8 in
CREST10-3	18 GPH	3-11 GPH	145 PSI	62 LBS	Hose tail Ø 5/8 in
CREST10	48 GPH	5-24 GPH	145 PSI	55 LBS	Hose tail Ø 5/8 in
CREST15-3	111 GPH	11-39 GPH	145 PSI	77 LBS	Hose tail Ø 7/8 in
CREST15	159 GPH	16-83 GPH	145 PSI	77 LBS	Hose tail Ø 7/8 in
CREST20-3	177 GPH	19-77 GPH	145 PSI	79 LBS	Hose tail Ø 1 in
CREST20	269 GPH	27-141 GPH	145 PSI	79 LBS	Hose tail Ø 1 in
CREST25	10 GPM	1,4-4,3 GPM	220 PSI	176 LBS	Flange 1"/150#
CREST32	23 GPM	3,3-10 GPM	220 PSI	320 LBS	Flange 1.25 in/150#
CREST40	36 GPM	5,2-15,7 GPM	220 PSI	320 LBS	Flange 1.5 in/150#
CREST40	42 GPM	8,8-22 GPM	220 PSI	463 LBS	Flange 1.5 in/150#
CREST50	70 GPM	15-45 GPM	220 PSI	694 LBS	Flange 2 in/150#
CREST65	91 GPM	20-60 GPM	220 PSI	739 LBS	Flange 2.5 in/150#
CREST80	121 GPM	46-92 GPM	220 PSI	1543 LBS	Flange 3 in/150#
CREST80	154 GPM	59-83 GPM	220 PSI	2138 LBS	Flange 3 in/150#
CREST100	238 GPM	95-164 GPM	220 PSI	2800 LBS	Flange 4 in/150#
CREST125	387 GPM	194-365 GPM	220 PSI	3968 LBS	Flange 5 in/150#

PEAK / Low Pressure Tube Pump					
PEAK09N	37 GPH	4-18 GPH	60 PSI	18 LBS	Hose tail Ø 5/8 in
PEAK13N	92 GPH	9-45 GPH	60 PSI	20 LBS	Hose tail Ø 3/4 in
PEAK17N	240 GPH	24-118 GPH	60 PSI	33 LBS	Hose tail Ø 1 in
PEAK25N	12 GPM	1-8 GPM	60 PSI	121 LBS	Hose tail Ø 1.5 in
PEAK30N	22 GPM	4-15 GPM	60 PSI	214 LBS	Hose tail Ø 2 in
PEAK45N	61 GPM	10-35 GPM	60 PSI	342 LBS	Hose tail Ø 2.5 in

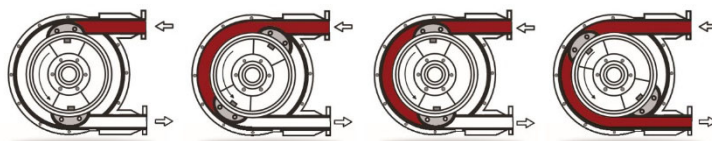
OUR OPEN FLOW PUMP RANGE

EXAMPLE OF AVAILABLE OPTIONS

Duplex pump (dual pumps), special connection such as SMS, Tri-clamp, DIN, ANSI, JIS... Hose rupture detector and revolution counter, ATEX II & I execution, variable speed drive, mobile trolley and more.



PUMP OPERATION



APPLICATIONS



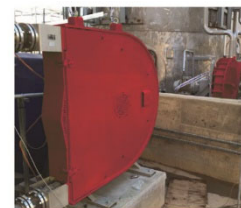
CREST125 crude oil pumping



PEAK30N lime dosing



CREST80 for filter press feeding



CREST150 and CREST25 for chemical dosing, mining process