

If you need to remove settled solids from a pond without taking the pond out of service:



4" Severe Duty FLUMP Dredge System

"FLUMP,"

Meet the
our remote-controlled
dredging system for continuous
removal of settled solids.

Common mine applications:

- ☞ Resource Recovery
- ☞ Retention Pond Waste Removal
- ☞ Environmental Remediation

Performance - Economy - Customization

Our shrouded cutterhead maximizes processing solids capture, so you spend less of your time and money handling water. Dual opposing auger sections provide up to 11,000 inch/lbs of digging torque, with incredible reliability.

Our team of engineers and technicians manufacture FLUMPs with a standard dredge depth of 12 feet. With a wide range of pump and cutterhead sizes, and fabricated in a variety of special metals, the FLUMP will successfully manage your most challenging settled waste problem.

Our experienced installation and training teams will set up your FLUMP Dredging System at your site.

More FLUMP Benefits:

- ☞ Remote-controlled for safety and economy
- ☞ Automated systems available
- ☞ Simple to maintain
- ☞ Tremendous customer support
- ☞ High solids dredging performance with minimum turbidity
- ☞ Pond liner protection systems available

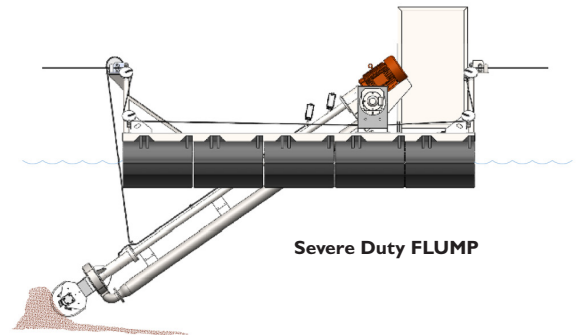
FLUMP Remote-controlled Dredging System



Rely on the FLUMP for safe, easy removal of settled wastes, including biosolids, raw sewage, sludge and more. The FLUMP's structural steel framework and lightweight construction make it durable and easy to transport. A powerful solution in a small, economical package, our compact FLUMP works well in small ponds where conventional dredges won't fit.

Easy to transport - Sensibly priced - Incomparable performance

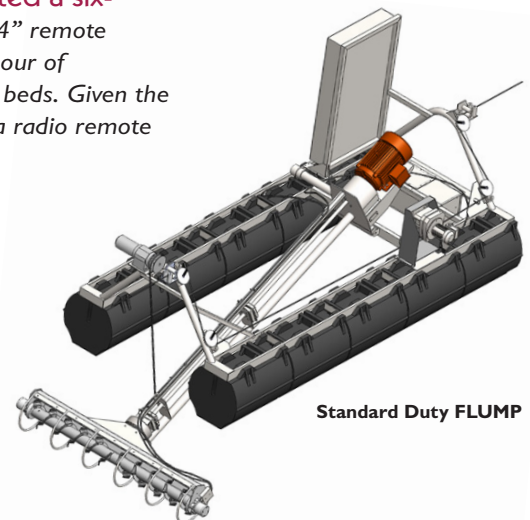
Choose from Standard or Severe Duty FLUMP models, or specify a custom-designed FLUMP, and take control of your dredging schedule!



Severe Duty FLUMP

FLUMP	Standard Duty 3-inch	Severe Duty 3-inch	Severe Duty 4-inch
Sludge Flow	Up to 25 cu yd/hr (19 cu m/hr)	Up to 40 cu yd/hr (31 cu m/hr)	Up to 80 cu yd/hr (61 cu m/hr)
Length (overall)	17.5 feet (5.33 m)	21 feet (6.40 m)	21 feet (6.40 m)
Length (pontoons)	15 feet (4.57 m)	15 feet (4.72 m)	15 feet (4.72 m)
Width (pontoons)	8 feet (2.44 m)	8 feet (2.44 m)	8 feet (2.44 m)
Height (overall)	6 feet (1.83 m)	6 feet (1.83 m)	6 feet (1.83 m)
Weight (approx.)	4,000 lbs (1,814 kg)	4,250 lbs (1,928 kg)	4,500 lbs (2,041 kg)
Draft	1 foot (0.30 m)	1 foot (0.30 m)	1 foot (0.30 m)
Pump Motor HP	25 HP (14.9 kW)	40 HP (29.8 kW)	50 HP (37.7 kW)
Cutterhead width	4.5 feet (1.37 m)	8.5 feet (2.59 m)	8.5 feet (2.59 m)
Cutterhead torque	5,500 in. lbs (622 N-m)	5,500 in. lbs (622 N-m)	5,500 in. lbs (622 N-m)
Cutterhead drive	Single	Single	Single
Cutting teeth	Hardened steel	Hardened steel	Hardened steel
Dredging depth	Up to 8 feet (0 to 2.43 m)	Up to 12 feet (0 to 3.66 m)	Up to 12 feet (0 to 3.66 m)
Width of dredge cut	3.5 feet (1.07 m)	7.5 feet (2.29 m)	7.5 feet (2.29 m)
Dredging speed	3-15 ft/min (.91-4.57 m/min)	3-15 ft/min (.91-4.57 m/min)	3-15 ft/min (.91-4.57 m/min)
Sludge pump	3" S-series	3" J-series	4" J-series
Pump/Dredge discharge	3 x 4 inches (76.2 mm x 101.6 mm)	3 x 6 inches (76.2 x 152.4 mm)	4 x 6 inches (101.6 x 152.4 mm)
Electrical power	3 Ph, 50 & 60 Hz	3 Ph, 50 & 60 Hz	3 Ph, 50 & 60 Hz
Pontoons	Modular polyethylene	Modular polyethylene	Modular polyethylene

SRS Crisafulli's Australian Dealer, Dredging Solutions, recently completed a six-month contract at Rio Tinto's Alcan Gove operation. Using one of their 4" remote controlled Crisafulli Flump Dredges, DS harvested & pumped on average 150m³/hour of precipitated hydrotalcite at > 1.5% solids w/w from the labyrinth system to drying beds. Given the application, strict OH&S procedures were adhered to and the implementation of a radio remote controlled dredge was proven to be the perfect solution.



Standard Duty FLUMP



Visit us on the web today at
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 or call us toll free: **1-800-442-7867**

Pumps • Dredges • Power Units – Custom or Standard
Manufacturers of reliable Crisafulli products supported by superior service

SRS Crisafulli, Inc. • 1610 Crisafulli Drive • P.O. Box 1051 • Glendive, MT 59330 • USA
 Phone: 406-365-3393 • Toll free: 800-442-7867 • Fax: 406-365-8088 • Email: srsc@crisafulli.com