



Contractors, Municipal and Industrial Facilities Managers
remove settled solids faster and more easily than ever
with Crisafulli's dredge – the more powerful and more versatile

ROTOMITE™ 6000

Experience the operator-friendly cab of your Rotomite 6000,
and witness this incredible dredge turn even the thickest
sludges and slurries into memories.

The Rotomite is self-propelled giving you
unparalleled control and flexibility. You
can dredge in any shape pond, lake or
lagoon. **There is no need for cable!**

Coupled with the Crisafulli sludge
pump, your Rotomite's 275 HP John
Deere power plant delivers efficient,
continuous productivity – you can
rely on up to 2,300 gal/min
pumping capacity. To ensure that
your work day is uninterrupted by
refueling, the Rotomite boasts fuel
tank capacity for 10 hours of
continuous operation.



ROTOMITE 6000
275 HP Self-propelled Diesel-hydraulic Dredge

Maximum performance

Combine a 275 HP mighty John Deere dynamo with our dual drive Cobra Cutterhead and you're talking 11,000 inch-pounds of digging torque. It chews up hard, compacted waste materials, feeding them to the pump all day long.

Efficient command center

Step aboard to safety, efficiency and comfort. Narrow, deep pontoons stabilize the Rotomite. Confidently walk the non-skid surface to an operator station designed for a full workday. Windows placed for all-around jobsite visibility and fingertip controls/gauges mean there is no need to leave the controls to visually monitor the dredging operation.

Unmatched versatility

The Rotomite attacks and removes sludges, slurries, wastes and residuals at:

Petrochemical plants & refineries
Steel mills
All settling basins
Pulp & paper mills
Industrial processing plants
Mines & metal refineries
Water & wastewater treatment facilities

When a ROTOMITE
is on the jobsite. . .
Say goodbye to . . .

- ✪ Biosolids
- ✪ Mine tailings and slimes
- ✪ Processing wastes
- ✪ Coal fines
- ✪ Pulp & paper residuals
- ✪ Mill scale
- ✪ Fly ash & bottom ash
- ✪ Sediment /silt
- ✪ Alum & lime sludges
- ✪ Pigmentation sediments
- ✪ Bentonite
- ✪ Gypsum slurry
- ✪ Oil API sludge
- ✪ Clay, peat, mud and more . . .

SRS Crisafulli

RELIABLE PRODUCTS – SUPERIOR SERVICE

The Rotomite 6000 enables facilities managers and contractors to achieve lower costs and greater performance, resulting in higher value-enhanced



The powerful John Deere engine enables simultaneous operation of all dredge functions. The thrust enables the self-propelled Rotomite 6000 to be used in a wider range of applications without the delays involved in setting up a cabling traverse system.

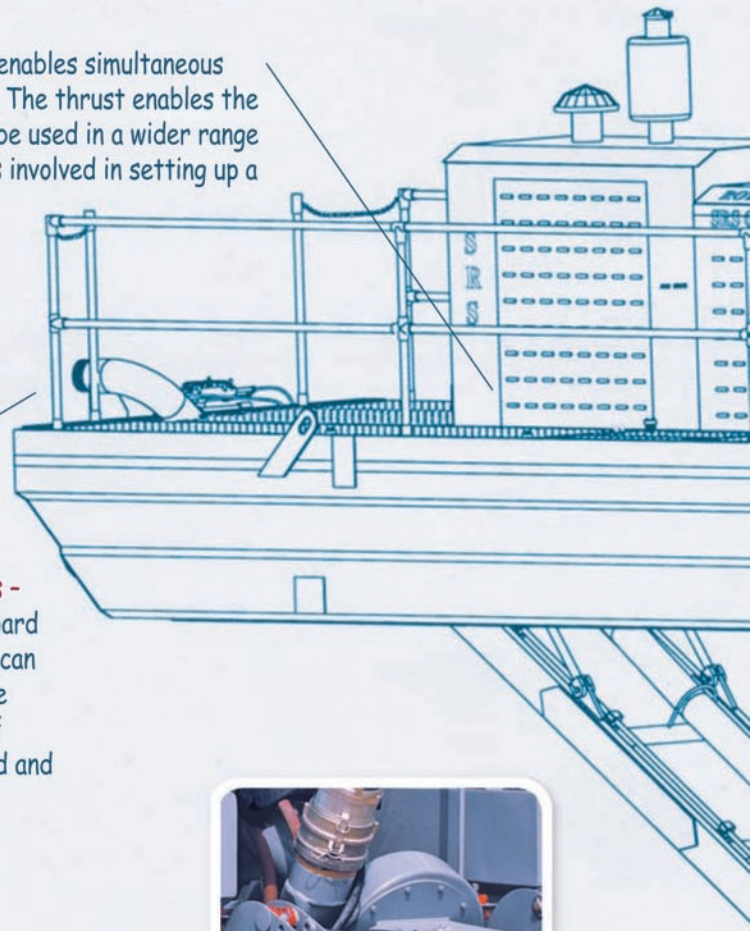


Multiple drive systems -

Rotomite boasts on-board self-propulsion or you can run on a cable traverse system - all capable of variable speed forward and reverse functionality.



Should the operator desire to use a traverse system rather than Rotomite's self-propulsion feature, Crisafulli's Rotomite 6000 is equipped with (optional) cable guides.



Production. Crisafulli 6" discharge J-Series pump can process up to 150 cubic yards per hour of sludge. The cutterhead can be lifted above the water surface for service and inspection. Rotomite dredges to a depth of 20 feet. Greater depth capabilities are available in custom models.

As a Rotomite owner, you will appreciate ongoing support from both the factory and our growing network of Representatives and Dealers.



Visit our web site at www.crisafullipumps.com

SRS  **Crisafulli**

– THE ROTOMITE™ 6000

– for Contractors, Municipal and Industrial facilities Managers

enhanced return-on-investment. Features include:

The operator cab (with optional air and heat) mounted forward on the dredge for greater visibility, is accessible from either side of the dredge for convenience, productivity and safety. Fingertip operator controls reduce operator fatigue and improve operator alertness and productivity.



Safety features include:

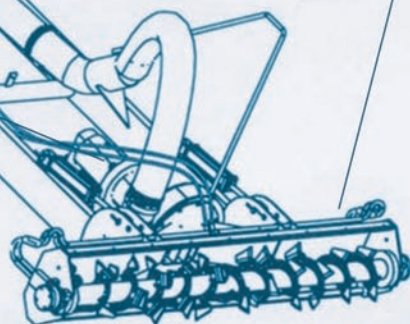
- USCG approved safety equipment
- Clean, unobstructed decks
- 360 degree visibility
- Rapid access to all systems
- Sturdy safety rail
- Secured entry points fore and aft



SRS Crisafulli developed a unique and patented weed cutterhead, the **Reel Weed Cutterhead™** which incorporates a proven "rotating" reel design to shear material along the length of an adjustable bed knife to ensure uniform handling and shearing. Utilizing no vertical tines, grabbing and wrapping of weeds and stringy, fibrous materials are virtually eliminated.

High torque cutterhead driven by dual hydraulic motors, delivers 11,000 inch-pounds (1243Nm) of digging torque.

Crisafulli's **Cobra Cutterhead™** combines aggressive hardened teeth with a unique opposing auger design to drive dredged material towards the center of the cutterhead and directly in front of the pump intake for maximum capture of solids, highest efficiency and reduced turbidity. Fully articulating, the cutterhead can be rotated 80 degrees to attack compacted, settled wastes.



SRS & Crisafulli

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ROTOMITE
6000

DATE: 9/2/02

BY: GCS

DWG #: ROTO



Praise from the field

City of Billings, Public Utilities Department, "We like to keep the turbidity down to a minimum when we're cutting mud... We chose the Rotomite 6000 – it really eats the mud. The articulating head and the beefed up auger have really worked out well for us. If we had to purchase another dredge, we'd definitely go with SRS Crisafulli."

– Jim Burns, Water Treatment Technician



ROTOMITE
Proven Worldwide

You do the math.

Optimal Performance and Reliability
+ An efficient Operator Platform
= Value

ROTOMITE 6000's High Performance Design

Discharge volume: 2,500 gallons per minute @ 80' TDH (water) • Dredge production: up to 150 cubic yards per hour (slurry)

Engine horsepower	275 @ 2,000 RPM	Pontoons	Foam-filled, 11 gauge steel
Sludge pump	6" J - Series	Draft	27 inches (687 mm)
Pump/Dredge discharge	6" x 8"	Freeboard	9 inches (229 mm)
Excavation depth	0 to 20 feet (0 to 6.09 m)	Walkway	Non-skid surfacing
Depth control	Dual hydraulic cylinders	Length (overall)	32.5 feet (9.91 m)
Excavation width	7.5 feet (2.29 m)	Length (pontoons)	28 feet (8.53 m)
Excavation speed	0 to 10 feet per minute	Width	8.5 feet (2.59 m)
Propulsion	Hydraulic driven outboard up to 700 lbs. thrust	Height (maximum) Without Pivoting Trav.	9.58 feet (2.92 m)
Propeller	Low speed, high thrust	Weight (max)	18,000 lbs. (8,165 Kg)
Adjustable steering	Hydraulically controlled	Lighting	Sealed beam front & rear
Cutterhead width	8.5 feet (2.59 m)	Operator's cab	Adjustable seat & steering; Optional heat & AC
Cutterhead torque	11,000 in.-lbs. (1243 Nm)	Color	Grey standard, white trim
Cutterhead drive	Dual	Electrical power	12 VDC
Cutterhead rotation	Bi-rotational	Fuel capacity	140 U.S. gallons (531 liters)
Cutting teeth	Hardened steel Cobra	Fuel consumption (max.)	12.3 U.S. gallons per hour
Instrumentation: Tachometer • Discharge pressure • Engine oil pressure Engine temperature • Hour meter and Volt meter • Hydraulic pressure Mechanical depth indicator • Hydraulic oil level & temp		Controls: Engine speed; Key start; Depth • Sludge pump speed-Fwd/N/Rev Propulsion speed-Fwd/N/Rev • Traverse winch-Fwd/N/Rev • Traverse winch speed Cutterhead Fwd/N/Rev • Cutterhead articulation • Cutterhead speed (optional)	
Options:	• Weed-handling cutterhead • Liner Protection System • Ultrasonic flowmeter		

Ask for our client testimonials and case histories,
or read them at www.crisafullipumps.com



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

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ROTOMITE – proven & preferred worldwide.

International Mill Service, Saskatchewan, Canada, purchased its first SRS Crisafulli Rotomite in August 1997 and purchased its second, a Rotomite 6000, in 2007. "Our dredged mill scale slurry is about 20% solids by volume. Mill scale is a very abrasive material that weighs 168 lbs. per cubic foot. The machines are very dependable, the design excellent, turning is great, and all workmanship is to be commended."

– Faron Comaniuk, Superintendent

**CHOOSE ROTOMITE – the solution for your
most challenging sludge-handling problem.**