

Rotomite-6000-CD



Crisafulli Rotomite - 6000-CD

Self-propelled, manned, steerable diesel dredges

Crisafulli's newly engineered Rotomite-6000-CD provides increased dredging and flow capacity, and, with a cost alloy pump, will dredge effectively highly abrasive slurries **including sand!**

The world's most productive 6" dredges. When used with Crisafulli's patented Pivoting Traverse System and a cabled traverse system, the Rotomite-6000 CD are approximately 48% more productive than competitive products. They can complete lagoon dredging projects in approximately half the time and save owners close to the entire cost of the Rotomite over several years from reduced operating costs.

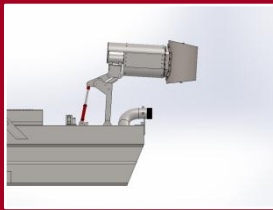
Crisafulli has continuously improved its dredges so as to be competitive in new markets and always to provide customers with **BEST VALUE.**

We solve the toughest dredging and pumping challenges

www.crisafullipumps.com

1-800-442-7867





Rotomite - 6000-CD Major Features

Diesel Engine. Industrial, water cooled powerful John Deere diesel engine, 275 HP enables simultaneous operation of all dredge functions. Fuel capacity of 140 gallons, fuel consumption of 12.3 gallons per hour for 10 hours of continuous running time.

Abrasion Resistant Cast Alloy Pump. High chrome abrasion resistant GIW LCC-M 150-500 Sludge Pump processes up to 150 cubic yards of sand per hour with flow rates up to 2600 GPM at 80-feet of TDH. Spherical solids passing capacity is 3-inches.

Proprietary Cutterhead. "Black Mamba" cutterhead has dual hydraulic motors embedded in a stepped auger, 11,000 inch-pounds of total torque applied to a 13-inch diameter cutter, constant speed of 55 RPM, 9.5-foot dredge cut width, bi-directional control, replaceable, hardened steel teeth, and dredges to 20-feet.

Operator Cab. A lighted operator cab (with optional air and heat) mounted forward on the dredge for excellent 360 degree visibility, accessible from either side of the dredge for improved convenience, productivity and safety.

Operator controls reduce operator fatigue and improve operator alertness and productivity. They control the Sludge Pump: variable off/forward; Propulsion: variable forward/off/reverse; Power steering with wheel left/right; Cutterhead Auger: forward/off/reverse; Cutterhead Articulation: up/down; Cable traverse: forward/off/reverse; Ladder cylinders: up/down.

About SRS Crisafulli, Inc.

Crisafulli is proud of its Montana USA heritage. With its Factory in Montana, a corporate office in Connecticut, Crisafulli has 159 authorized dealers serving the US and Canada, and 45 domestic and 22 international authorized Independent Factory Representatives serving 39 countries.

Rotomite-6000-CD Capabilities

SRS Crisafulli "Black Mamba" Cutterhead

- ☞ Cubic yards of sludge processed per hour. At least 150 cubic yards
- ☞ 20-foot dredging depth
- ☞ Width of dredging Cut. Up to 9.5-feet
- ☞ Replaceable, hardened steel teeth
- ☞ Maximum floating discharge distance up to 1000-feet plus.
- ☞ Booster pumps extend the discharge distance several thousand feet
- ☞ Dual hydraulic motors embedded in stepped auger
- ☞ 11,000 inch/pounds total torque applied to 13-inch diameter cutter
- ☞ Constant speed 55-rpm
- ☞ Bi-directional control
- ☞ Dredging Speed - up to 10-foot per minute

Georgia Iron Works Cast Alloy Pump – Model LCC-M 150-500 Sludge Pump

- ☞ 6-inch pump with 8-inch intake and 8-inch discharge from the dredge
- ☞ Able to pass 3-inch spherical solids
- ☞ Sludge pump controls

Pump Performance

- ☞ 1000 GPM at 200-Foot TDH in water
- ☞ 1500 GPM at 190-Foot TDH in water
- ☞ 2000 GPM at 140-Foot TDH in water
- ☞ 2500 GPM at 100-Foot TDH in water
- ☞ 2600 GPM at 80-Foot TDH in water

Self-Propulsion

- ☞ Hydraulic thruster providing up to 1000 pounds of thrust
- ☞ Power steering with wheel from cab; rear view camera operated from cab
- ☞ Variable speed hydraulic cable traverse winch capable of 2000 pounds of tension
- ☞ 275 HP John Deere diesel engine powers all dredge systems – Intermittent 275 HP
- ☞ Fuel capacity of 140 gallons
- ☞ Fuel consumption of 12.3 gallons p/h for 10-hour run time before refueling

Operator cab with lights, heat, and AC

Guard Rails around entire dredge for operator safety

Dredge Draft is 27-Inches

Hydraulically powered Cable Traverse System –

variable speed forward/off reverse control

