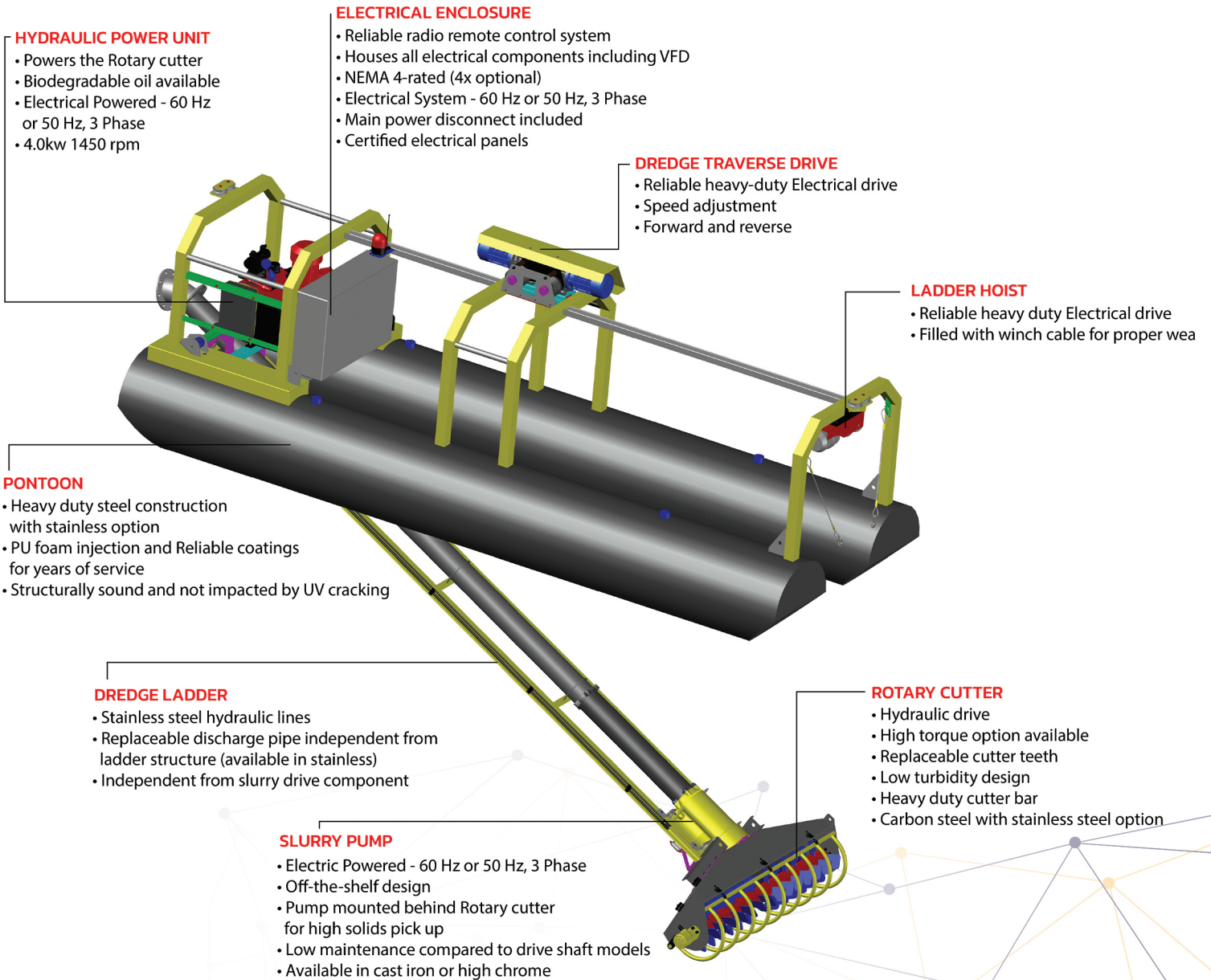


# Hydro CAT



**เรือดูดตะกอน โกลบอล เกลบ  
ควบคุมด้วยรีโมทคอนโทรล**



**HYDRAULIC POWER UNIT**

- Powers the Rotary cutter
- Biodegradable oil available
- Electrical Powered - 60 Hz or 50 Hz, 3 Phase
- 4.0kw 1450 rpm

**ELECTRICAL ENCLOSURE**

- Reliable radio remote control system
- Houses all electrical components including VFD
- NEMA 4-rated (4x optional)
- Electrical System - 60 Hz or 50 Hz, 3 Phase
- Main power disconnect included
- Certified electrical panels

**DREDGE TRAVERSE DRIVE**

- Reliable heavy-duty Electrical drive
- Speed adjustment
- Forward and reverse

**LADDER HOIST**

- Reliable heavy duty Electrical drive
- Filled with winch cable for proper wear

**PONTOON**

- Heavy duty steel construction with stainless option
- PU foam injection and Reliable coatings for years of service
- Structurally sound and not impacted by UV cracking

**DREDGE LADDER**

- Stainless steel hydraulic lines
- Replaceable discharge pipe independent from ladder structure (available in stainless)
- Independent from slurry drive component

**SLURRY PUMP**

- Electric Powered - 60 Hz or 50 Hz, 3 Phase
- Off-the-shelf design
- Pump mounted behind Rotary cutter for high solids pick up
- Low maintenance compared to drive shaft models
- Available in cast iron or high chrome

**ROTARY CUTTER**

- Hydraulic drive
- High torque option available
- Replaceable cutter teeth
- Low turbidity design
- Heavy duty cutter bar
- Carbon steel with stainless steel option

The HYDROCAT SWE Series is one of the most popular and successful small-size range cutter suction dredges in the industry. Customers range from new, first-time operators in remote areas of the world, private owners, and government agencies. Some key features include:

- Lower start-up investment for a powerful and dependable dredge.
- Easily transported by truck— lower costs for mobilization.
- Simple design makes it an ideal dredge for first-time owners.
- Versatile—used for sand mining, dredging of small waterways, canals and marinas.
- Control system, engine and mechanical components specifically selected for use in marine environments.
- Capable of pumping up to 200 m<sup>3</sup> of material per hour.
- Highly rugged and reliable cutter suction dredge with minimal down time for routine maintenance.



HYDROCAT CO., LTD.

# HYDROCAT REMOTE-CONTROLLED DREDGE

## Hydrocat Remote-controlled Dredger Specifications

Item	Description	SWE8	SWE12	SWE15	SWE20
1	Type of pump	Agitator submersible pump	Agitator submersible pump	Agitator submersible pump	Agitator submersible pump
2	Power fo pump	6kw(8Hp) ,380v.50Hz	9kw(12Hp) ,380v.50Hz	11kw(15Hp) ,380v.50Hz	15kw(20Hp) ,380v.50Hz
3	Discharge size	4"	6"	6"	6"
4	Pump Capacity (water test)	90 m <sup>3</sup> at head 10m.	100 m <sup>3</sup> at head 15m.	120 m <sup>3</sup> at head 15m.	200 m <sup>3</sup> at head 16m.
5	Sludge collection system	Hydraulic rotary	Hydraulic rotary	Hydraulic rotary	Hydraulic rotary
6	Working depth	3.5 m.	3.5 m.	3.5 m.	3.5 m.
7	Pontoon dia 0.65m. L 5.20m.	Steel pontoon pu foam injection and coating	Steel pontoon pu foam injection and coating	Steel pontoon pu foam injection and coating	Steel pontoon pu foam injection and coating
8	Lifting hoist	Electrical hoist	Electrical hoist	Electrical hoist	Electrical hoist
9	Forward and backward system	Electrical winch	Electrical winch	Electrical winch	Electrical winch
10	Rotary cutter	Hydraulic drive 80 rpm	Hydraulic drive 80 rpm	Hydraulic drive 80 rpm	Hydraulic drive 80 rpm
11	Hydraulic power unit	4.0kw 1450 rpm	4.0kw 1450 rpm	4.0kw 1450 rpm	4.0kw 1450 rpm
12	Hydraulic reservoir	Stainless steel 100 Lite	Stainless steel 100 Lite	Stainless steel 100 Lite	Stainless steel 100 Lite
13	Warning light	yes	yes	yes	yes
14	Depth sensor	yes	yes	yes	yes
15	Rotary guard	yes	yes	yes	yes
16	Remote control	Industrial remote	Industrial remote	Industrial remote	Industrial remote
17	Control panel	Stainless Waterproof	Stainless Waterproof	Stainless Waterproof	Stainless Waterproof
18	Hydraulic Pipe	Stainless steel	Stainless steel	Stainless steel	Stainless steel
19	Overall weight	1,200 kg	1,300 kg	1,400 kg	1,500 kg
20	Overall size (W x L x H)	1.76m x 5.88m x 1.49m	1.88m x 5.88m x 1.49m	1.88m x 5.88m x 1.49m	2.00m x 5.88m x 1.49m

### Option

- Inverter
- Discharge Hose
- Power Cable
- Stainless Pontoon
- Flow Meter
- Hose&Cable Pontoon





# HYDROCAT CO.,LTD

บริษัท ไฮโดรแคท จำกัด



108 หมู่ที่ 3 ต.โรงเข้ อ.บ้านแพ้ว  
จ.สมุทรสาคร 74120



034 710 433



081 809 3564



Pramewit@gmail.com  
,hydrocat.dredger@gmail.com



www.facebook.com  
/hydrocat.co.th



www.hydrocat.co.th



Add LINE Friends via QR Code