

WAVE SEPARATOR

The Efficient Choice for Sludge Thickening

Proudly Designed and Manufactured in Taiwan
Patents granted in Taiwan, China,
Japan, and the United States

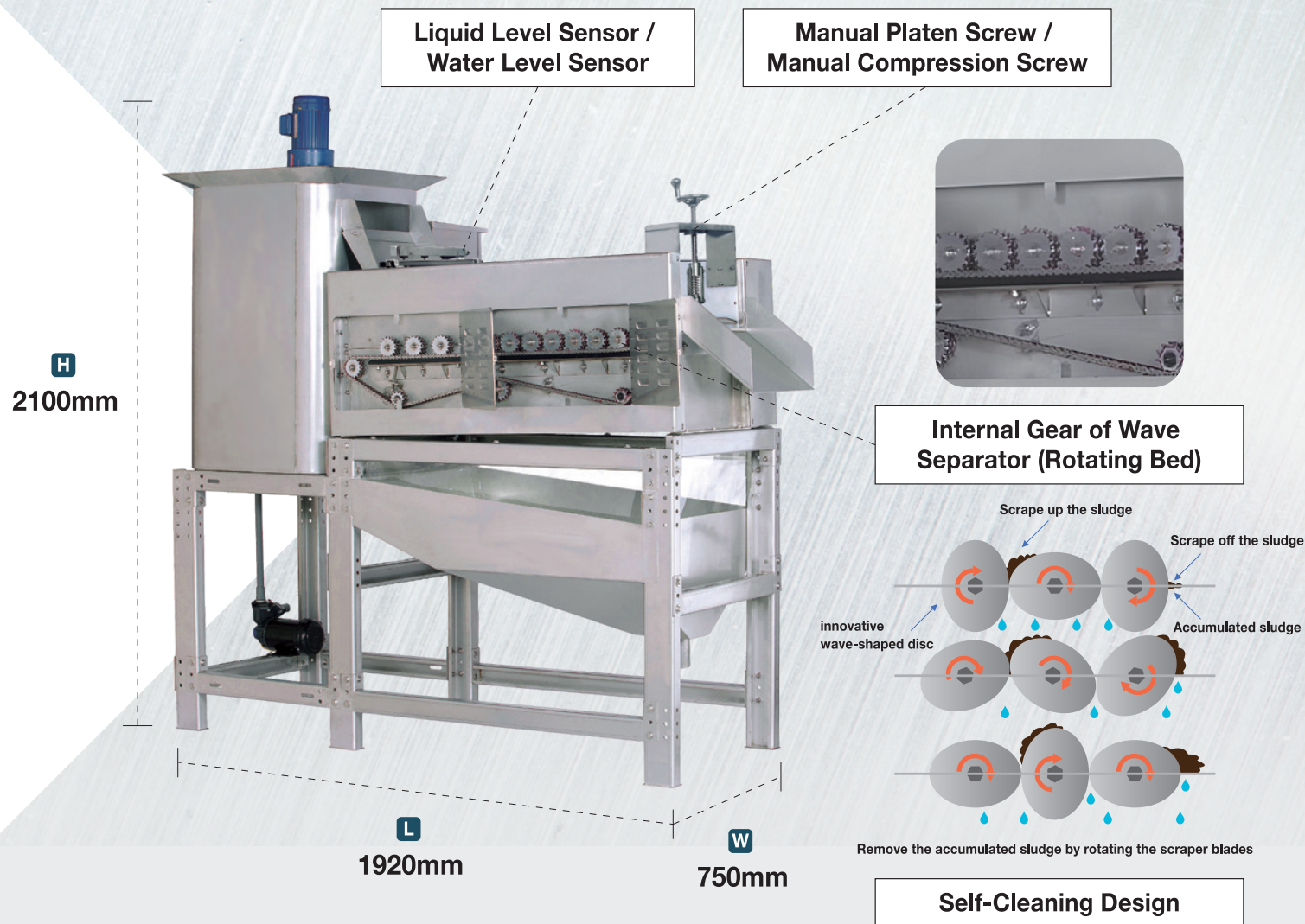


GC-500

KEY FEATURES & BENEFITS

- No rinse water required – saves resources and simplifies operation
- Non-clogging design with excellent self-cleaning capability
- Effectively processes oily and fibrous sludge
- Compact footprint and energy-efficient operation lower costs
- Easy to install, operate, and maintain
- Customizable to fit various sludge types and site conditions

SYSTEM COMPONENTS & CONFIGURATION



PERFORMANCE COMPARISON

GREENCARRY GC-500 vs. Common Dewatering Technologies

Feature	GC-500	Screw Press	Plate & Frame	Belt Filter	Centrifuge
Sludge Treatment	V	V	X	X	V
Capacity	Large	Medium	Small	Medium	Medium
Footprint	Small	Medium	Large	Large	Large
Clogging Risk	Low	High	High	High	Low
Rinse Required	No	Occasionally	Regularly	Often	No
Oily Sludge Treatment	V	X Depens on the oil content	X	X	X
Dewatering Cost	Low	Low	High	High	High
Noise Level	Low	Medium	High	High	Very High
Maintenance	Easy	Difficult	Limited	Limited	Required Overseas Servicing
Power Consumption	Low	Medium	Medium	Medium	Very High
Operational Complexity	Easy	Difficult	Difficult	Difficult	Difficult

V = Advantage, X = Disadvantage

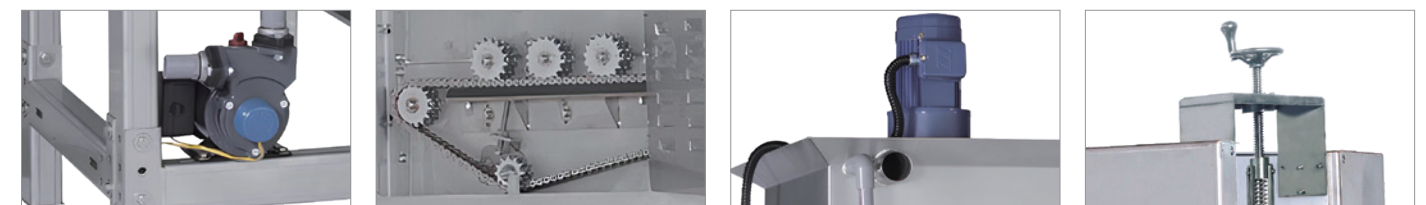


SPECIFICATIONS

Model	Length	Width	Height	Weight	Power	Voltage (50/60Hz)	Phase
GC-500	1920 mm	750 mm	2100 mm	570 kg	2 HP	220V / 380V / 440V	3
GC-800	2300 mm	1100 mm	2100 mm	760 kg	2 HP	220V / 380V / 440V	3

SLUDGE PROCESSING CAPACITY

Model	Input Capacity (Raw Sludge)	Output Capacity (Dewatered Sludge)
GC-500	200–300 kg/hr (varies by sludge)	40–60 kg/hr (varies by sludge)
GC-800	400–600 kg/hr (varies by sludge)	80–120 kg/hr (varies by sludge)



❖ PROVEN APPLICATIONS ACROSS DIVERSE INDUSTRIES

The Wave Separator has delivered outstanding results across multiple industries, helping clients efficiently address sludge dewatering and wastewater treatment challenges



Livestock Industry



Food and Beverage Processing



Hospitality and Retail



Chemical Manufacturing



Electronics Industry



Textile and Tannery Dyeing Plants



Pulp and Paper Industry



General Manufacturing (e.g., Electroplating Plants)

❖ APPLICATIONS: ON-SITE INSTALLATIONS IN VARIOUS INDUSTRIES

- Food Processing (meat, fish, vegetables)
- Chemical and Pharmaceutical Wastewater
- Paint and coatings effluents
- Livestock manure
- Headworks (Pre-treatment) of municipal wastewater operations
- Waste Activated Sludge, DAF aerobic digested sludge
- Distillers grain applications (breweries, ethanol)
- Primary treatment of grease trap waste
- Algae harvesting
- Tanneries and Metal processing industries



CONTACT US

**GREEN
CARRY**

Greencarry Technology Co., Ltd.

✉ info@greencarrytech.com 🌐 greencarrytech.com