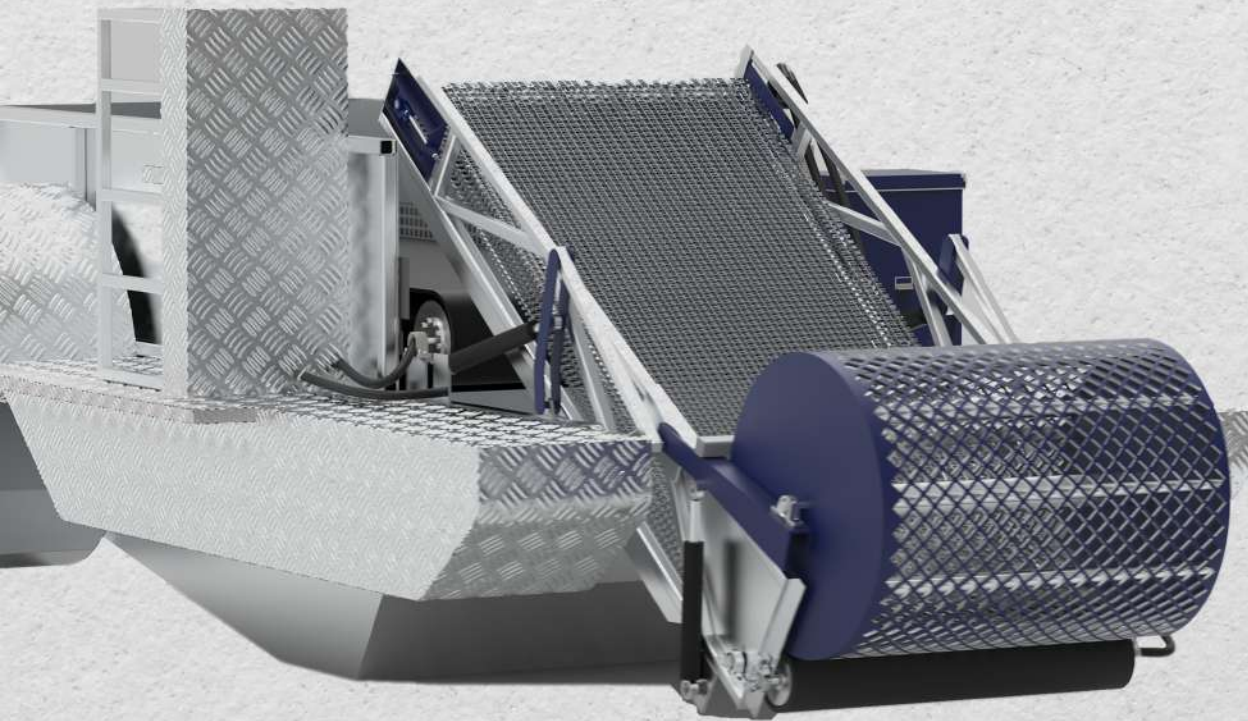
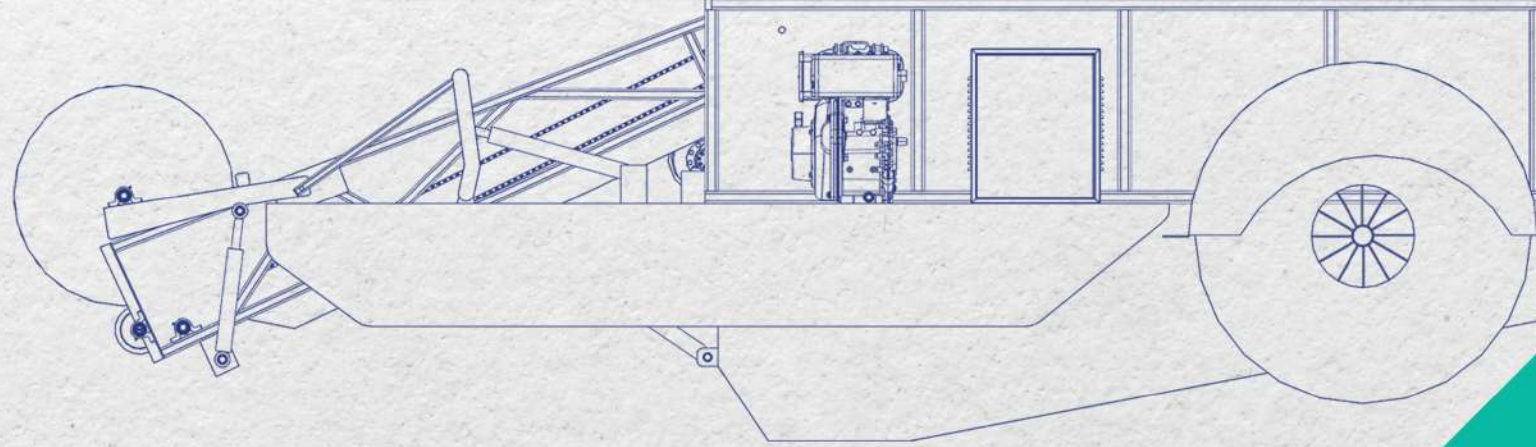


TRASH SKIMMER

A Floating Trash Collection System

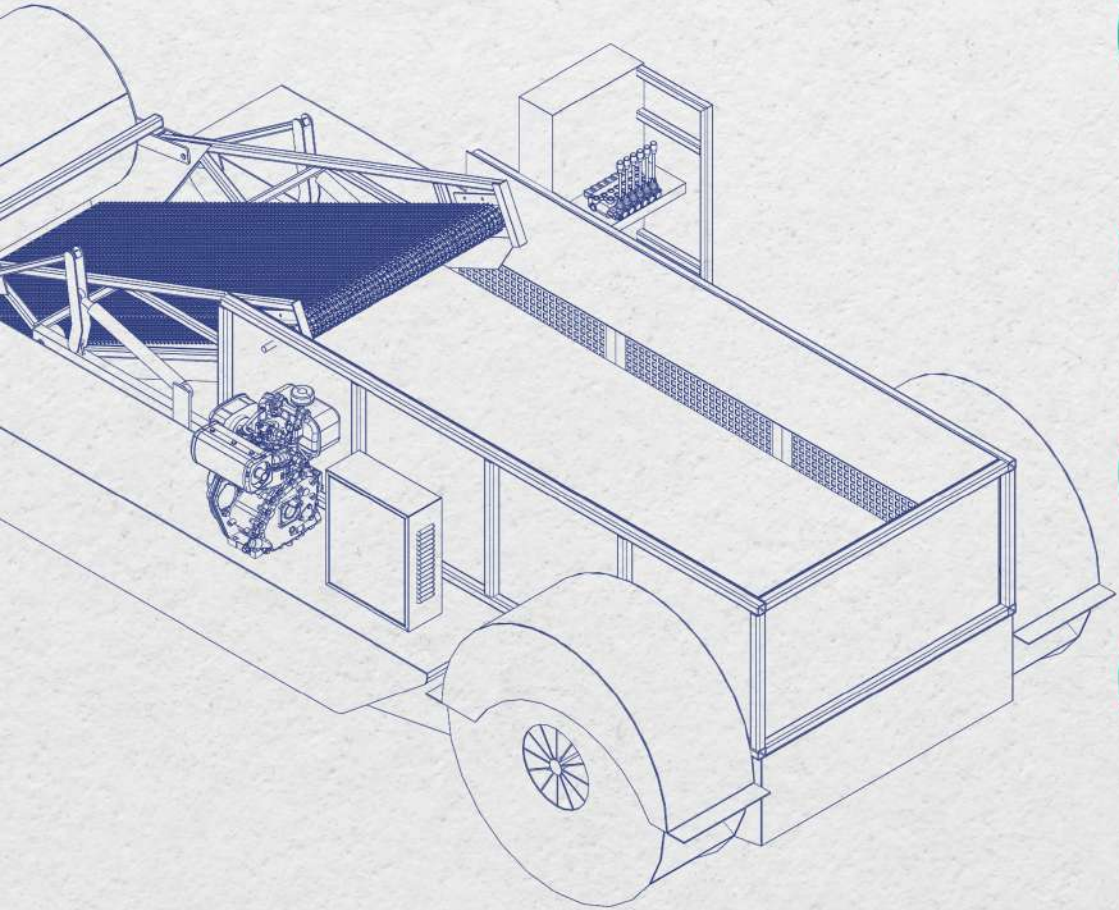




TRASH SKIMMER

The Potential Engineering Trash Skimmer/Aquatic Weed Harvester Dredger is designed for efficient collection of aquatic weeds and floating debris, as well as salvage operations in reservoirs, rivers, lakes, and coastal waters. With a user-friendly control desk, a single operator can easily manage its conveying, draining, stocking, and transport functions using intuitive buttons and switches. This innovative dredger offers a streamlined solution for one-man operation, allowing comprehensive movement control while minimizing manpower. Its versatile design facilitates the swift removal of unwanted debris, ensuring effective water body maintenance. Whether for weed clearance or salvage tasks, this dredger's capabilities empower a solitary operator to efficiently navigate and address aquatic challenges. Its multi-functional features and ease of operation make it an indispensable tool for aquatic ecosystem maintenance and cleanup operations worldwide.

ABOUT PROBLEM



Cattle feed, hyacinths, herbicides removal

Trash skimmers struggle to efficiently remove diverse pollutants such as cattle feed, hyacinths, and herbicides from water bodies due to their varied compositions, thereby hindering effective waste removal.



Unloading of trash.

Trash skimmers' limited capacity demands frequent disposal trips, hampering their continuous operation and water body cleaning efficiency.



Transportating huge size trash skimmer

Moving oversized trash skimmers by road presents logistical hurdles necessitating special permits, meticulous route planning, and potential infrastructure limitations.



Collecting high volume of trash

Collecting substantial waterborne trash and transporting it to shore for disposal or recycling poses logistical challenges due to diverse debris types and volume.

OUR SOLUTION

Floating Trash Removal Honeycomb conveyor

Intake honeycomb conveyor with ability to change inclination makes it versatile for collection all types of floating trash.

Control Station

Effective Unloading Honeycomb conveyor

Due to reversible conveyor feature same conveyor is used for loading and unloading of trash at different height.

Compact Size for Effortless Transportation Trash Collection Bin

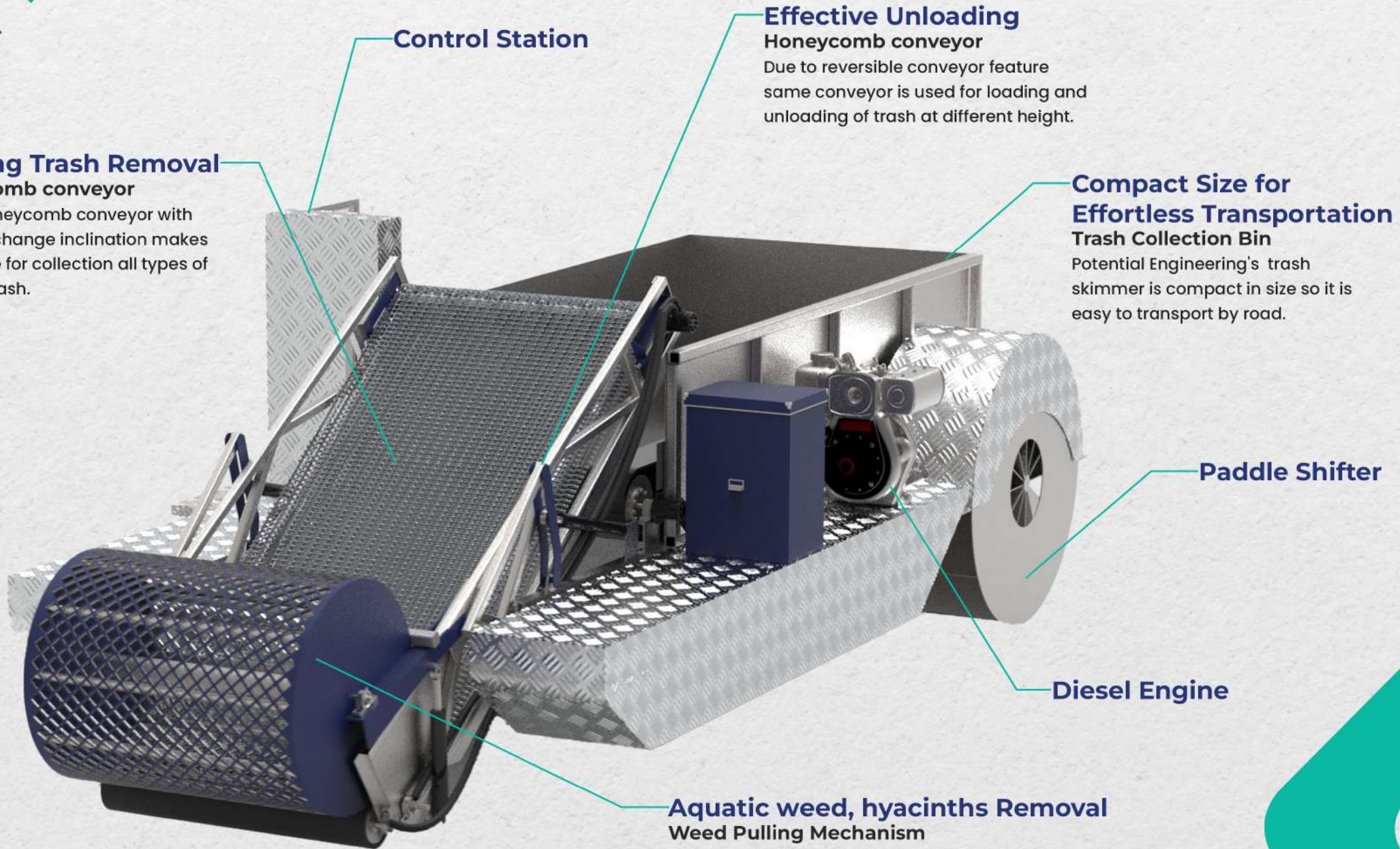
Potential Engineering's trash skimmer is compact in size so it is easy to transport by road.

Paddle Shifter

Diesel Engine

Aquatic weed, hyacinths Removal Weed Pulling Mechanism

Potential Engineering's trash skimmer has capacity to pull, cut aquatic weed, hyacinths etc



SALIENT FEATURE

- ✔ Affordable (1/3rd price compare to existing trash skimmers).
- ✔ Easy to transport because of compact size.
- ✔ One person operation from start to finish.
- ✔ Pulling as well as cutting mechanism for collecting trash with high efficiency.
- ✔ Single conveyor for loading as well as unloading of trash.
- ✔ Large storage capacity.
- ✔ Long life as MOC is Aluminum (Marine Grade).
- ✔ Easy to operate.
- ✔ Trash skimmer has transport barge which can transfer collected trash to shore.

Technical Details

Capacity : 3.5 m³

MOC : Aluminium (Marine Grade)

Dry Weight : 1.6 Ton

Empty Draft : 8"

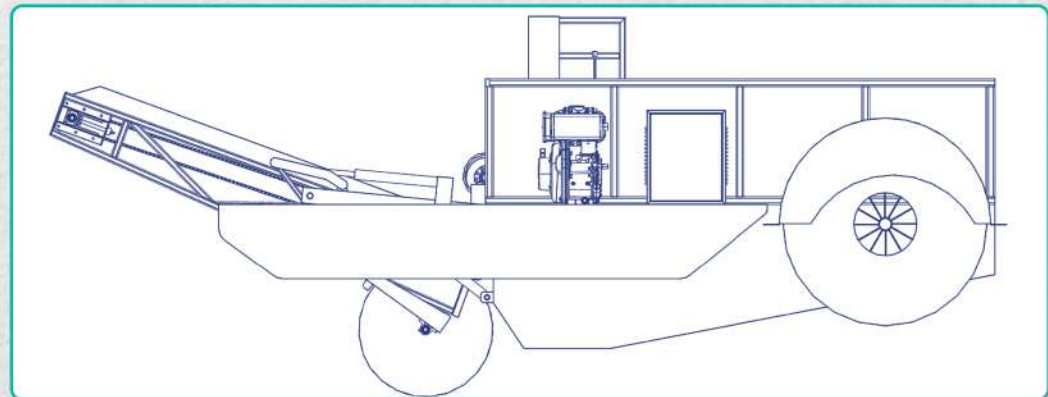
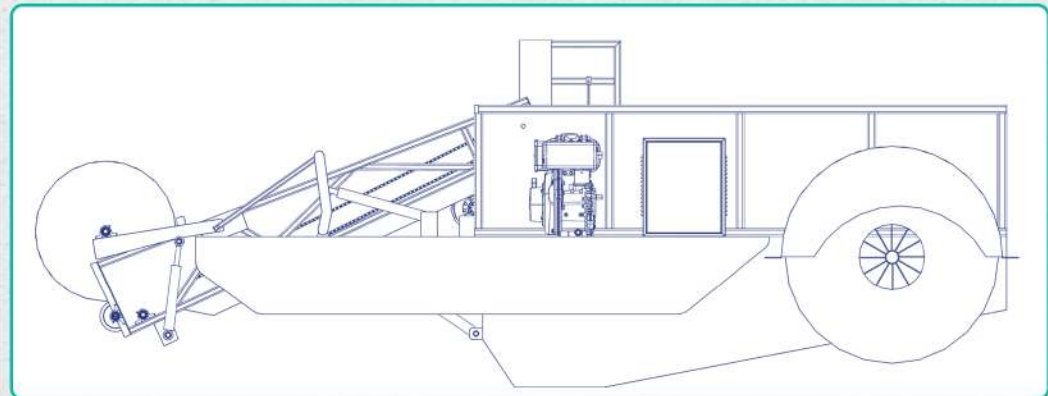
Conveyor Type : Honeycomb Conveyor

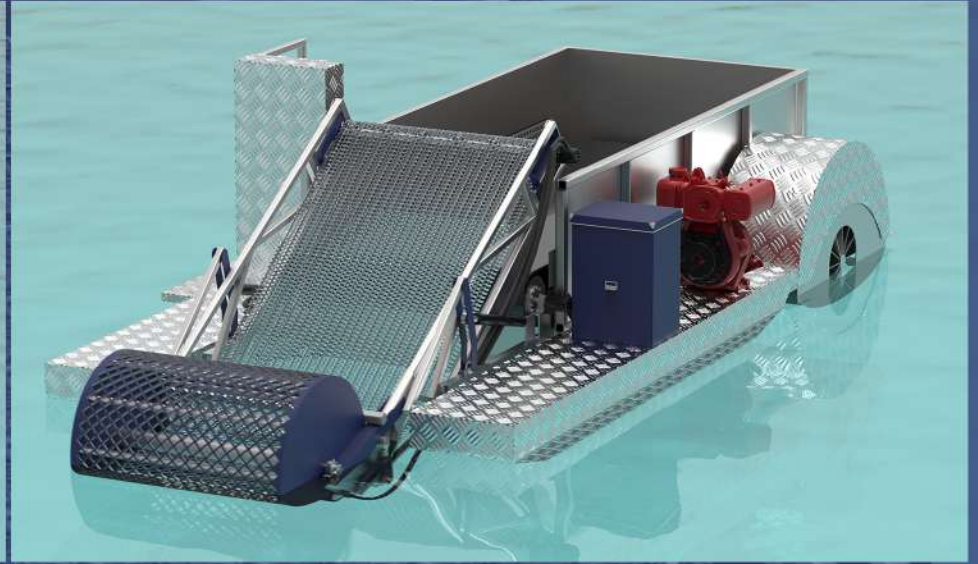
Conveyor Width : 1 mtr.

Drive : Diesel Engine

Power : 25 HP

Propulsion : Dual Independent Paddle Shifters





📍 Potential Engineering
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