THE OCEAN CLEANUP™

INTERCEPTOR™

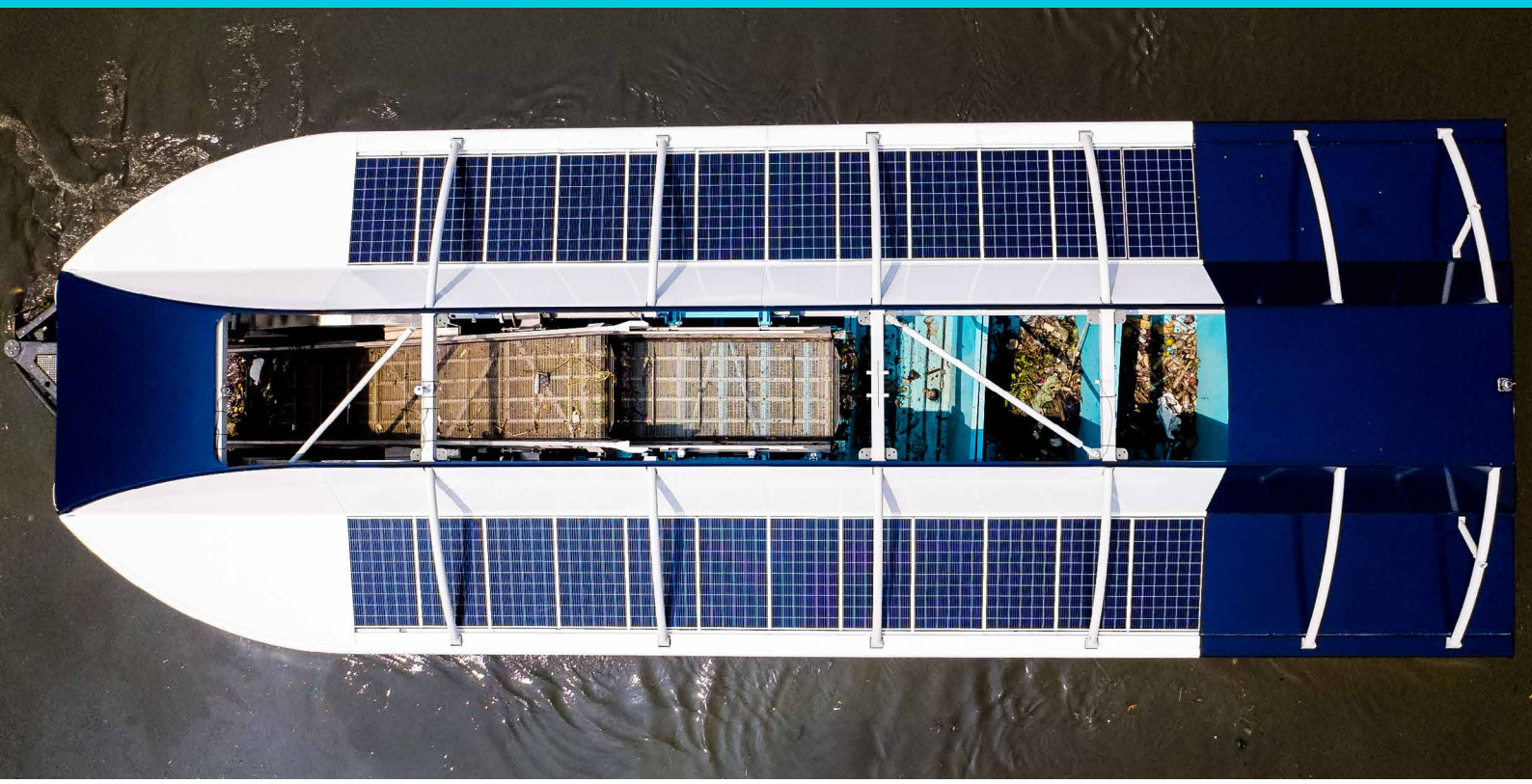
SPECIFICATIONS

THE INTERCEPTOR™ IS THE FIRST SCALABLE SOLUTION TO PREVENT DEBRIS FROM ENTERING THE WORLD'S OCEANS FROM RIVERS. IT IS 100% SOLAR-POWERED, EXTRACTS DEBRIS AUTONOMOUSLY, AND CAN BE PLACED IN THE MAJORITY OF THE WORLD'S MOST POLLUTING RIVERS.

SYSTEM SIZE	**8M x 24M x 5M**
DEBRIS BARGE CAPACITY	**50 M^3**
DEBRIS BARGE SIZE	**4.5M x 14M x 0.77M**
DUMPSTERS ON BARGE	**6**
DUMPSTER CAPACITY	**8.3 M^3**

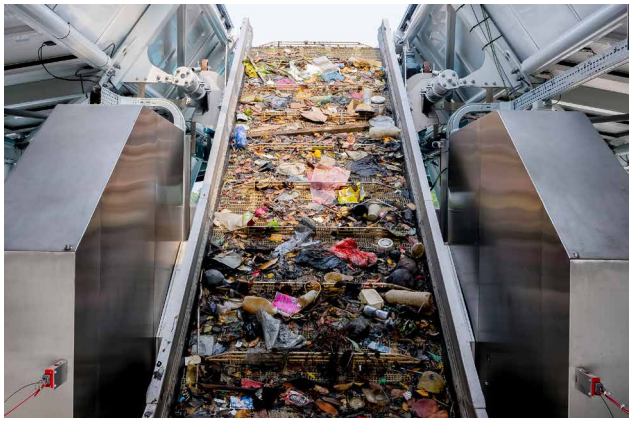
- Containerized components for assembly on site
- Smooth debris concentrating barrier
- Optimized hydrodynamic debris inlet
- Deflection functionality for oversized debris
- Navigation channel on side of system
- Multiple barrier connections points for variety of installation configurations
- Four point mooring system
- Designed for series production
- 100% solar powered

THE INTERCEPTOR™ DETAILED SPECIFICATONS

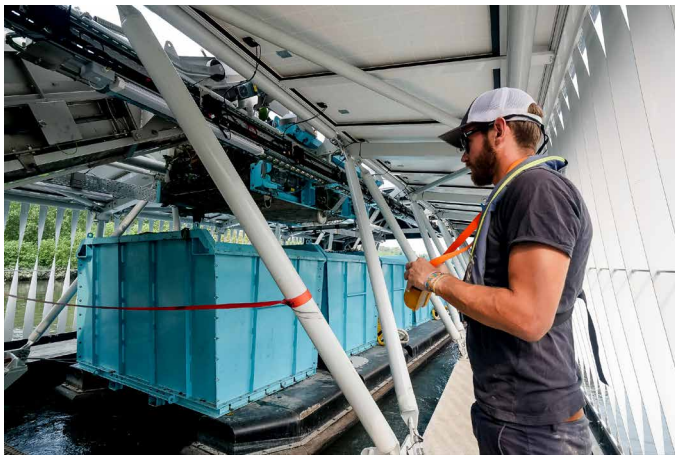


POWER & DATA

- Off grid power generation
- Solar capacity – 5.6 kWp
- Battery capacity – 20 kWh Li-ion
- 4G data uplink to cloud
- Direct measurement of extracted debris
- Measurement of local weather conditions
- Remote monitoring dashboard
- Automated extraction control



Conveyor belt



Exchangeable barge

CONVEYOR BELT & EXTRACTION

- Maximum conveyor belt extraction rate 24 kg/s*
- Nominal time to fill one barge 1 hour**
- Multiple barge exchanges possible per day
- Fully operational Interceptors can extract up to 50,000 kg a day; at optimal efficiency, this capacity can theoretically be as high as 100,000 kg a day

* Assuming extraction conveyor is 100% full with debris @ 200 kg at a height of 0.3m
** Assuming 15% average fill condition of extraction conveyor