

OCEAN3

オーシャン3号

Reclaimer barge equipped with a large-sized excavator
that can handle materials ranging from dredged sands to mountain soil



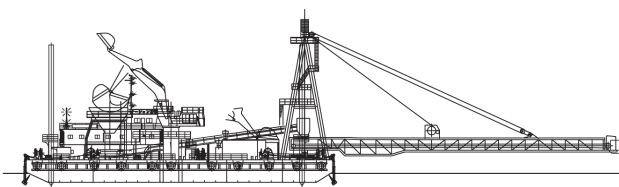
Stable unloading work by dealing with all
types of reclamation materials

Capable of unloading wide range of materials from
dredged sands to mountain soil.



Environment friendly unloading works

Fall prevention gutters installed on the belt conveyor
keep materials from dropping into the sea to prevent
marine contamination.



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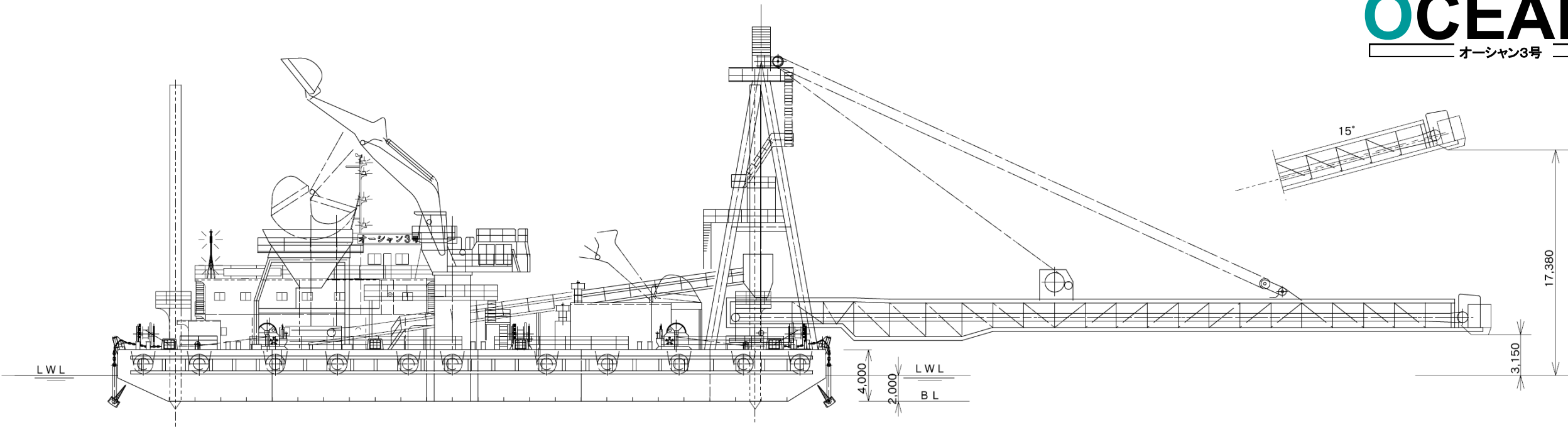
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1,500m³/h

Reclaimer barge with excavator, dealing with wide range of materials

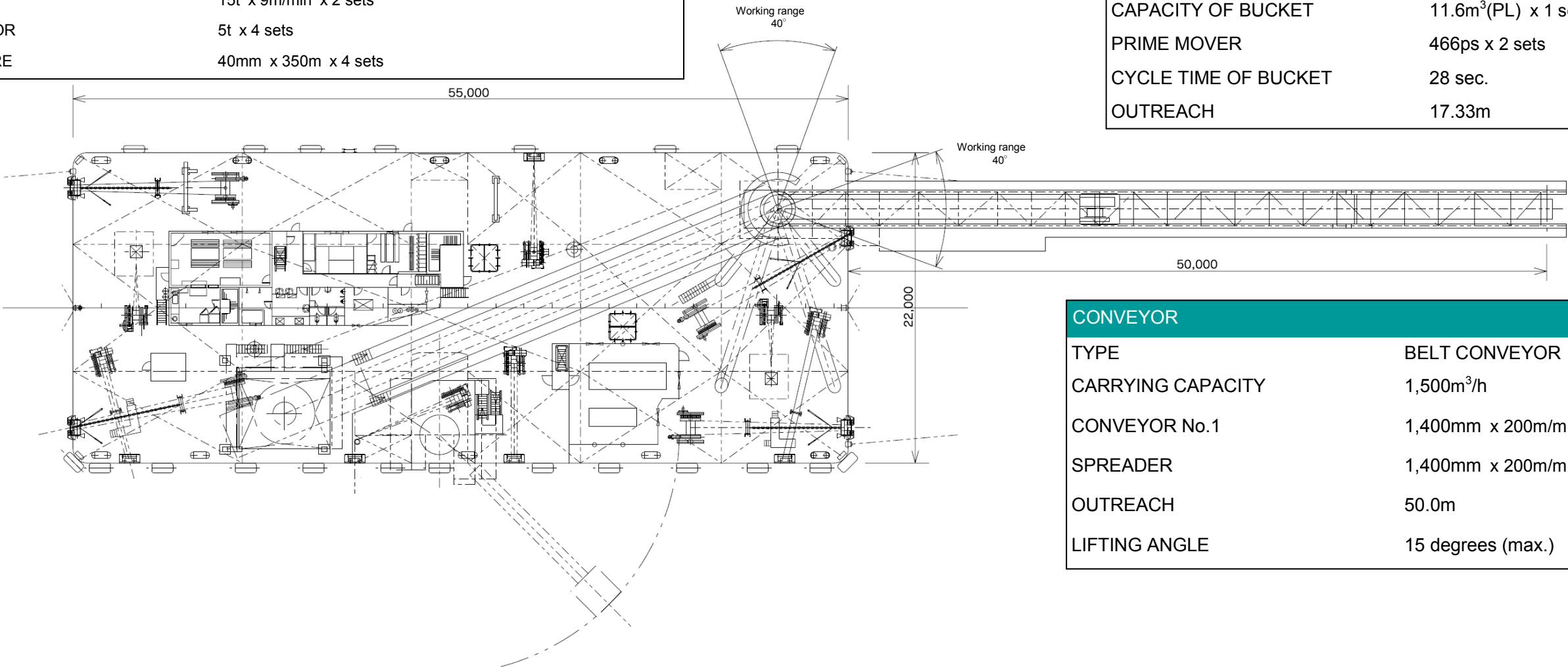
- Efficient in dealing with materials ranging from dredged sands to mountain soil
- Unloading dredged soil with high water content without polluting the ocean
- Use of spuds enables mooring without anchors





BUILDER	
MEC ENGINEERING SERVICE CO., LTD.	
HULL	
DIMENSIONS	L=55.00m B=22.00m D=4.00m d=2.00m
DECK MACHINERY	
WINDLASS	15t x 9m/min x 4 sets
MOORING WINCH	10t x 13m/min x 5 sets
SPUD	0.85m x 0.85m x 19.5m x 2 sets
SPUD WINCH	15t x 9m/min x 2 sets
AC-14 ANCHOR	5t x 4 sets
ANCHOR WIRE	40mm x 350m x 4 sets

GENERATORS	
MAIN GENERATOR	AC440V x 800kVA x 1 set
PRIME MOVER	1,030ps x 1,800rpm x 1 set
AUX. GENERATOR	AC440V x 150kVA x 1 set
PRIME MOVER	183ps x 1,800rpm x 1 set
EXCAVATOR	
TYPE	HITACHI EX1800
LOADING CAPACITY	1,500m³/h
CAPACITY OF BUCKET	11.6m³(PL) x 1 set
PRIME MOVER	466ps x 2 sets
CYCLE TIME OF BUCKET	28 sec.
OUTREACH	17.33m



CONVEYOR	
TYPE	BELT CONVEYOR
CARRYING CAPACITY	1,500m³/h
CONVEYOR No.1	1,400mm x 200m/min x 36.0m
SPREADER	1,400mm x 200m/min x 56.5m
OUTREACH	50.0m
LIFTING ANGLE	15 degrees (max.)