KANMON
OCEANIC ENGINEERING WORKS
関門港湾建設株式会社

Particular Sheet of Work Vessels

2020/4/6

Type	Name	Hull Dimensions				All Engines		Grab Bucket	Rock Breaker (ton)	Hoisting Load (t)	Max. Dredging Depth (m)	Spud Length × Number of Units	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Draft (m)	Power	Output (kW) [Dredger]							
Grab Dredger (Cum Rock Breaker)	Kanmon	68.00	28.00	5.00	2.80	DE	4,118	Light 150 t × 32.5 m³ Ultra-Heavy 200 t × 17.5 m³	-	250	100	Wire Type 39.0 m × 3	Japan	
	Kanyu	64.00	24.00	5.00	2.85	DE	3,324	Light 90 t × 27.5 m³ Blade & Flat 90 t × 33.0 m³ Heavy 130 t × 13.0 m³	50	160	85	Wire Type 39.0 m × 3	Japan	
	Kanyu 2	64.00	24.00	5.00	2.85	DE	3,324	Light 90 t × 30.0 m³ Blade & Flat 90 t×33.0 m³ Heavy 130 t × 13.0 m³	50	160	85	Wire Type 39.0 m × 3	Japan	
	Kanyo	60.00	24.00	5.00	2.55	D	3,096 [2,206]	Light 65 t × 25.0 m³ Blade & Flat 80 t × 22 m³ Heavy 90 t × 9.0 m³	50	110	60	Rack & Pinion Type 37.0 m × 2 38.0 m × 1 (Kick type)	Japan	

Type	Name	Hull Dimensions				All Engines		Unloader (Excavator)		Nominal Capacity (m³/h)	Outreach (m)	Spud Length × Number of Units	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Draft (m)	Power	Output (kW) [Excavator]							
Reclaimer Barge	Ocean 2	73.00	26.00	4.30	2.00	DE	2,073 [810]	10.3 m³ × 1	Suitable for dredged and mountain soil	2,000	60.0	Wire type 25.0 m × 2	Japan	
	Ocean 3	55.00	22.00	4.00	2.00	DE	1,484 [810]	12.9 m³ × 1	Suitable for dredged and mountain soil	1,500	50.0	Wire type 19.5 m × 2	Japan	
	Ocean 5	65.00	26.00	4.50	2.20	DE	2664 [1,134]	5.9 m³ × 2	Suitable for dredged and mountain soil	2,000	60.0	Rack & Pinion type 27.0 m × 2	Japan	
	Kansei	80.00	32.00	4.80	2.00	DE	4,916 [1,618]	10.3 m³ × 2	Suitable for dredged and mountain soil	2,400	65.0	Rack & Pinion type 25.0 m × 2	Singapore	

Type	Name	Hull Dimensions				All Engines		Unloader (Excavator)	Pumping / Kneading Capacity (m³/h)	Maximum Pumping Distance(m)	Underwater Pumping Distance(m)	Spreader Outreach (m)	Spud Length × Number of Units	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Draft (m)	Power	Output (kW) [Excavator]								
Pumping Barge with Cement Mixing Facilities	Kansei 2	58.00	22.40	5.10	2.00	DE	3,214 [566]	5.9 m³ × 1	600 / 400	500	-	54.0	Wire Type 19.3 m × 2	Japan	
	PM-6001	65.00	25.00	5.10	2.70	DE	2,791 [404]	5.0 m³ × 1	600 / 400	500	40	25.0	Wire Type 24.3 m × 2	Indonesia	
Cement Silo	SS-5	55.00	14.50	4.00	2.00	-	-	-	Capacity 600 t (150 t × 4)	-	-	-	-	Japan	

Type	Name	Hull Dimensions				All Engines		Concrete			Placing Boom Outreach (m)	Spud Length × Number of Units	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Draft (m)	Power	Output (kW)	Production capacity		Placing Capacity				
Floating Concrete Mixing-Plant	Kan-Ei	66.00	24.00	6.00	Max 4.50	DE	2,022	192～216 m³/h	Mixer : 3.0 m³/batch	106 m³/h (6.0Mpa)	26.9	Rack & Pinion type 25.0 m × 1	Japan	Equipped with Shore Ramp

Type	Name	Hull Dimensions				Main Engine		Gross Tonnage (t)	-	Navigation Area	Speed (kn)	Type	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Draft (m)	Power	Output (kW)							
Tow Boat	Kanmon Maru 25	30.00	9.00	4.10	3.50	D	1,103 × 2	199.00	-	Coastal Area	13.8	Pusher Boat, Tugboat, Anchor Boat	Japan	
	Kansai Maru 37	36.00	9.40	5.90	3.70	D	1,323 × 2	194.00	-	Coastal Area	14.0	For FCS-200	Japan	

Type	Name	Hull Dimensions				Model	Hold Capacity (m³)	-	Type	Location	Remarks
		LOA (m)	Breadth (m)	Depth (m)	Load Draft (m)						
Box Barge (Non Self-propelled)	K3003	83.00	18.00	5.50	4.50	Closed-type Pusher Boat	3,400	-		Singapore	
	K3005	83.00	18.00	5.50	4.50	Closed-type Pusher Boat	3,400	-		Singapore	
	K3501	95.00	18.00	6.50	5.00	Closed-type Pusher Boat	3,500	-	Pin-joint Type	Japan	
	K3502	95.00	18.00	6.50	5.00	Closed-type Pusher Boat	3,500	-	Pin-joint Type	Japan	