

Delta Dredger ECD30



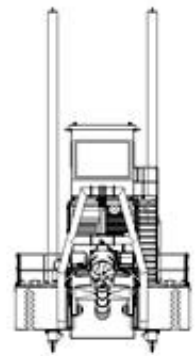
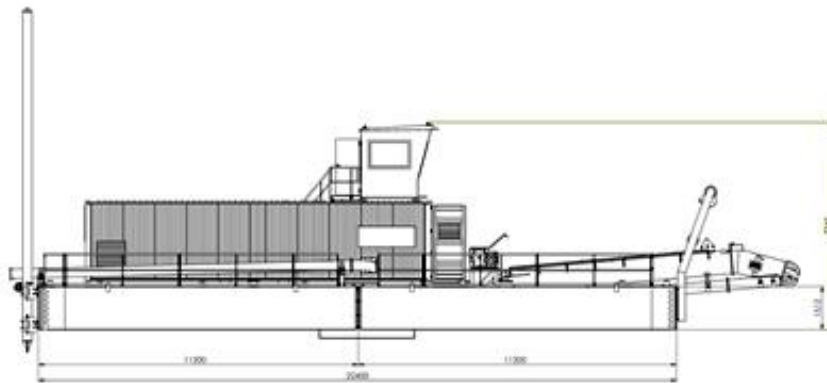
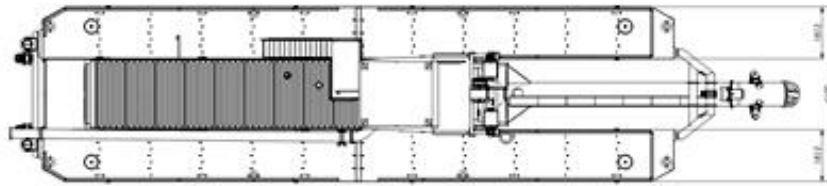
Description:

The Eureka Cutter Dredgers are used for sand mining purposes. The suction dredger has a welded engine room that is always located above the water level. The control room is situated above the engine room. There are 2 square floaters on both sides of the dredger. The cutter dredgers can be equipped with an electric or hydraulic cutterhead which has cutting knives or teeth installed. The dredger can easily be transported in a container.

Dredger range:		Delta 200	Delta 250	Delta 300	Delta 350	Delta 400	Delta 450	Delta 550
Suction depth up to	[m]	30	30	30	30	30	30	30
Mixture	[m ³ /hr]	850	1600	2300	2450	3200	4500	6000
Solid material*	[m ³ /hr]	109	205	295	314	410	578	771
Solid material*	[ton/hr]	191	360	515	560	750	1012	1350
Total power**	[kW]	195	250	435	590	610	820	1240
Suction pipe Ø	[mm]	250	300	350	400	450	500	650
Delivery pipe Ø	[mm]	200	250	300	350	400	450	550
Spherical passage	[mm]	110	160	190	185	220	280	290
Cutter diameter	[mm]	600	800	950	1100	1100	1300	1455
Cutter power	[kW]	35	50	85	100	100	120	140
Mooring cable Ø	[mm]	12	12	14	14	14	16	20
Mooring winch power	[ton]	2	2	2.5	3	3	4	5
Draft depth pontoons	[m]	0.6	0.7	0.8	0.9	1.2	1.4	1.8
Dry weight	[ton]	58	60	69	72	77	82	91
Dimensions pontoons	[m]	40x6x6	40x6x6	40x6½x6	40x6½x6	40x7x7	40x7x7	40x7½x7
Length pipe up LxWxH	[m]	44x6x6	44x6x6	44x6½x6	44x6½x6	44x7x7	44x7x7	44x7½x7
*Solid material = 70% < 2 mm 20% 2 - 32 mm 10% > 32 mm						**Power = A-rating or Electric		
Options:								
Waterjet		Option	Option	Option	Option	Option	Option	Option
Christmastree winch		Included	Included	Included	Included	Included	Included	Included
Anchor booms		Option	Option	Option	Option	Option	Option	Option
Automatic Dredge control		Option	Option	Option	Option	Option	Option	Option
Cabin AC		Option	Option	Option	Option	Option	Option	Option
Toilet		Option	Option	Option	Option	Option	Option	Option
Kitchen		Option	Option	Option	Option	Option	Option	Option

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Main dimensions:



Metal Zodiac



Separation plant



Work pontoons



Conveyers

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