



**ORANGE PIT** bv

## StrongSwingDredger 8 m range

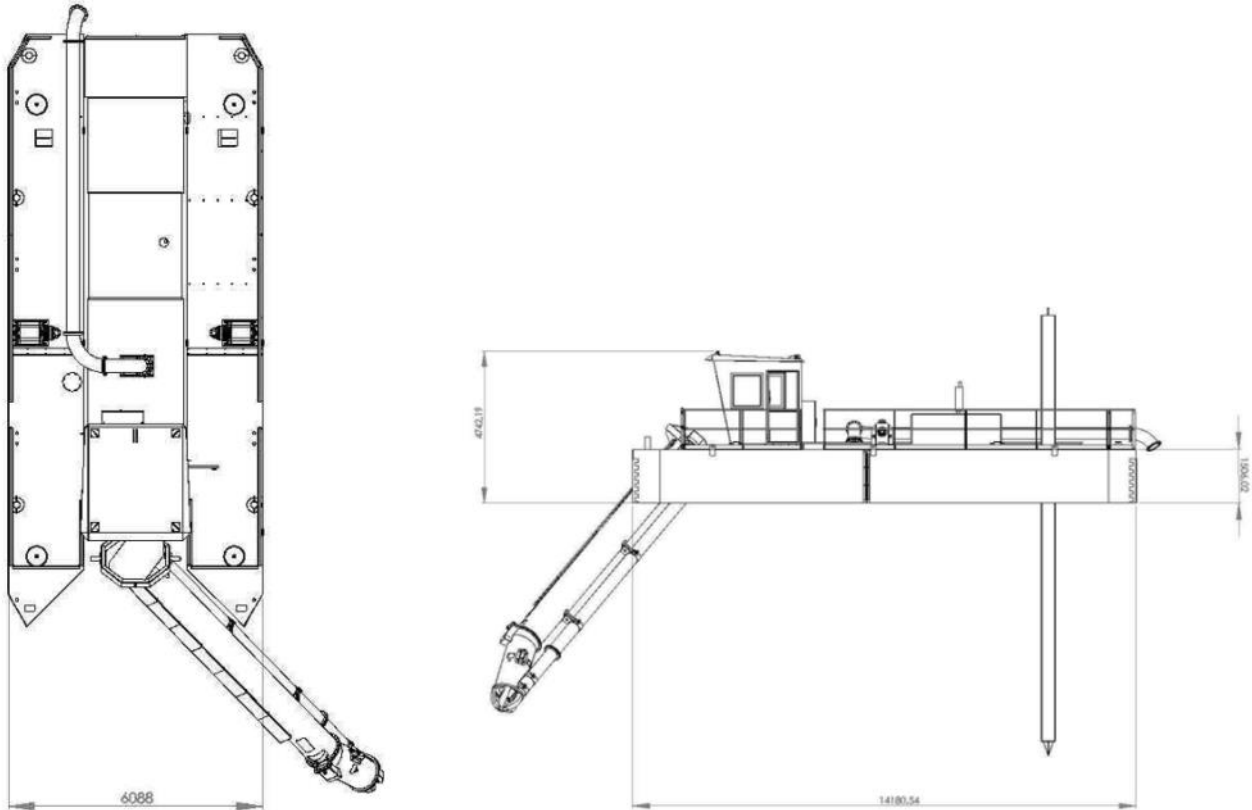


The StrongSwingDredgers are special cutter suction dredgers used for sand mining purposes. The dredger has a fully welded body. On both sides are two square pontoons positioned. On top of the floaters are platforms with railings installed. The engine room is installed in the middle of the two pontoons. The control room is situated in front of the engine room. The movement of the cutter head is up and down and from left to right which is accomplished by cylinders. In this manner the cutter unit has the possibility to sweep instead of moving the complete dredger. These cutter dredgers can be equipped with an electric or hydraulic cutter head which has cutting knives or teeth installed. The Delta Swing dredger is easy to transport.

StrongSwingDredger range		8 / 200	8 / 250	8 / 300	8 / 350
Suction depth up to	[m]	8	8	8	8
Mixture	[m <sup>3</sup> /hr]	850	1600	2300	2450
Solid material*	[m <sup>3</sup> /hr]	109	205	295	314
Solid material*	[ton/hr]	191	360	515	560
Total power**	[kW]	195	250	435	590
Suction pipe Ø	[mm]	250	300	350	400
Delivery pipe Ø	[mm]	200	250	300	350
Spherical passage	[mm]	110	160	190	185
Cutter diameter	[mm]	600	800	950	1100
Cutter power	[kW]	35	50	85	100
Side Winch cable Ø	[mm]	12	12	14	14
Side winch power	[ton]	2	2	2.5	3
Draft pontoons	[m]	0.6	0.7	0.8	0.9
Dry weight	[ton]	58	60	69	72
Dimensions pontoons	[m]	24x6x6	24x6x6	24x6½x6	24x6½x6
Dimensions pipe up	[m]	31x6x6	31x6x6	31x6½x6	31x6½x6
*Solid material = 70% < 2 mm 20% 2 - 32 mm 10% > 32 mm			**Power = A-rating or Electric		
<b>Options:</b>					
Spuds	Option	Option	Option	Option	Option
Spud carrier	Option	Option	Option	Option	Option
Dredge control	Option	Option	Option	Option	Option
Cabin AC	Option	Option	Option	Option	Option
Toilet	Option	Option	Option	Option	Option
Kitchen	Option	Option	Option	Option	Option

# StrongSwingDredger 8 m range

## General Arrangement



## RELATED ORANGEPIT PRODUCTS:



**StrongPumps**



**StrongServices**



**StrongWorkboats**



**StrongFloats**



Nijverheidsstraat 1a  
NL-4283 GW GIESSEN  
The Netherlands

Phone : +31 (0)6 46 05 09 80  
Web : [www.orangepit.nl](http://www.orangepit.nl)  
E-Mail : [moreinfo@orangepit.nl](mailto:moreinfo@orangepit.nl)

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