

EDUCTOR DREDGE

SHALLOW WATER DIVER-OPERATED SUCTION HEAD



SPECIFICATION SHEET



OVERVIEW

Description	4" Diver operated eductor dredge hog unit with engineered venturi jet nozzle. Ideally suited to shallow water trenching and excavation of substrate where air-lifting is ineffective or inefficient.
Fabricated	2018
Delivery	4 x 3"@ 10m ,10 Bar
Discharge	2 x 4" @ 5m, 10 Bar
Pump requirements	3" outlet: 2500 L / min @ 4 Bar
Production	8-10m ³ per operational hour*
	* Pumping a mixture density of 1100kg/m ³ , assuming a pipeline velocity of 5m/s ⁻¹ with < 10m discharge pipeline and a volume concentration of 10%, conservatively based on a range of sediment types.

To sustain production rates in clay or other consolidated substrates, a separate jetting lance may be required.

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