

WeSubsea Dredger Capability

	3"	4"	4" HC	6"	8"	8" HC	10"	10" HC
Max flow rate through ejector	118 m ³ /h 1970 Lpm - 140 m ³ /h 2300 Lpm	162 m ³ /h 2700 Lpm - 205 m ³ /h 3400 Lpm	292 m ³ /h 4867 Lpm	450 m ³ /h 7500 Lpm - 500 m ³ /h 8300 Lpm	708 m ³ /h 11800 Lpm	1002 m ³ /h 16700 Lpm	785 m ³ /h 13500 Lpm	1223 m ³ /h 20383 Lpm
Max rock size (theoretical)	65 mm	90 mm	90 mm	140 mm	185 mm	185 mm	230 mm	230 mm
Removal capacity *	18 m ³ /h 28 t/h	26 m ³ /h 41 t/h	38 m ³ /h 61 t/h	45 m ³ /h 70 t/h	70 m ³ /h 110 t/h	84 m ³ /h 130 t/h	90 m ³ /h 110 t/h	108 m ³ /h 168 t/h
Hydraulic requirement	15-22 Lpm @ 140-200bar	18-23 Lpm @ 140-200bar	30-50 Lpm @ 170-200bar	50-60 Lpm @ 200bar	70 Lpm @ 200bar	150 Lpm @ 200bar	70 Lpm @ 200bar	150 Lpm @ 200bar
Approx. weight in air / water	24 kg / 18 kg	38 kg / 30 kg	41 kg / 32 kg	75 kg / 63 kg	95 kg / 75 kg	95 kg / 75 kg	95 kg / 75 kg	95 kg / 75 kg
Optimum application	sand, gravel	sand, gravel	sand, clay, gravel **	sand, clay to 100kPa, drill cuttings rock dump, internal pile dredging **	general purpose & rock dump	clay, general purpose & rock dump	general purpose & rock dump	general purpose & rock dump
ROV or diver configuration								

* dependent on operational handling and type of sediment; removal based on 10% solids

** backflush standard on 4" HC; optional on 6"

WeSubsea's award winning dredging systems were developed in conjunction with the Norwegian University of Science and Technology with a key objective of delivering industry leading flow rates from low hydraulic supply requirements. WeSubsea's propriety in-house modelling technology allows us to optimise dredger system performance, enhancing pump and ejector configuration specific to the client's requirements. We maintain a constant focus on quality and flexibility while offering rapid mobilisation and reliable operation.

WeSubsea is certified to ISO 9001:2008 and our Quality Management System has been audited and verified that it conforms to the requirements specified in the standard. WeSubsea is working in accordance with OHSAS 18001:2007 with a view to gaining certification.

Contact Us

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