

WESUBSEA DREDGER SUMMARY

WeSubsea Dredger Capability

	3"	4"	4" HC	6"	8"	8" HC	10"	10" HC	12"
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	1482 m ³ /h 24700 Lpm
Max rock size (theoretical)	65 mm	90 mm	90 mm	140 mm	185 mm	185 mm	230 mm	230 mm	270 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	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	150 Lpm @ 200 bar
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	103 kg / 82 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	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"

All dredgers can be configured for ROV or diver ops.

Through our network of partnerships we are able to supply our products and services globally for rapid mobilisation

