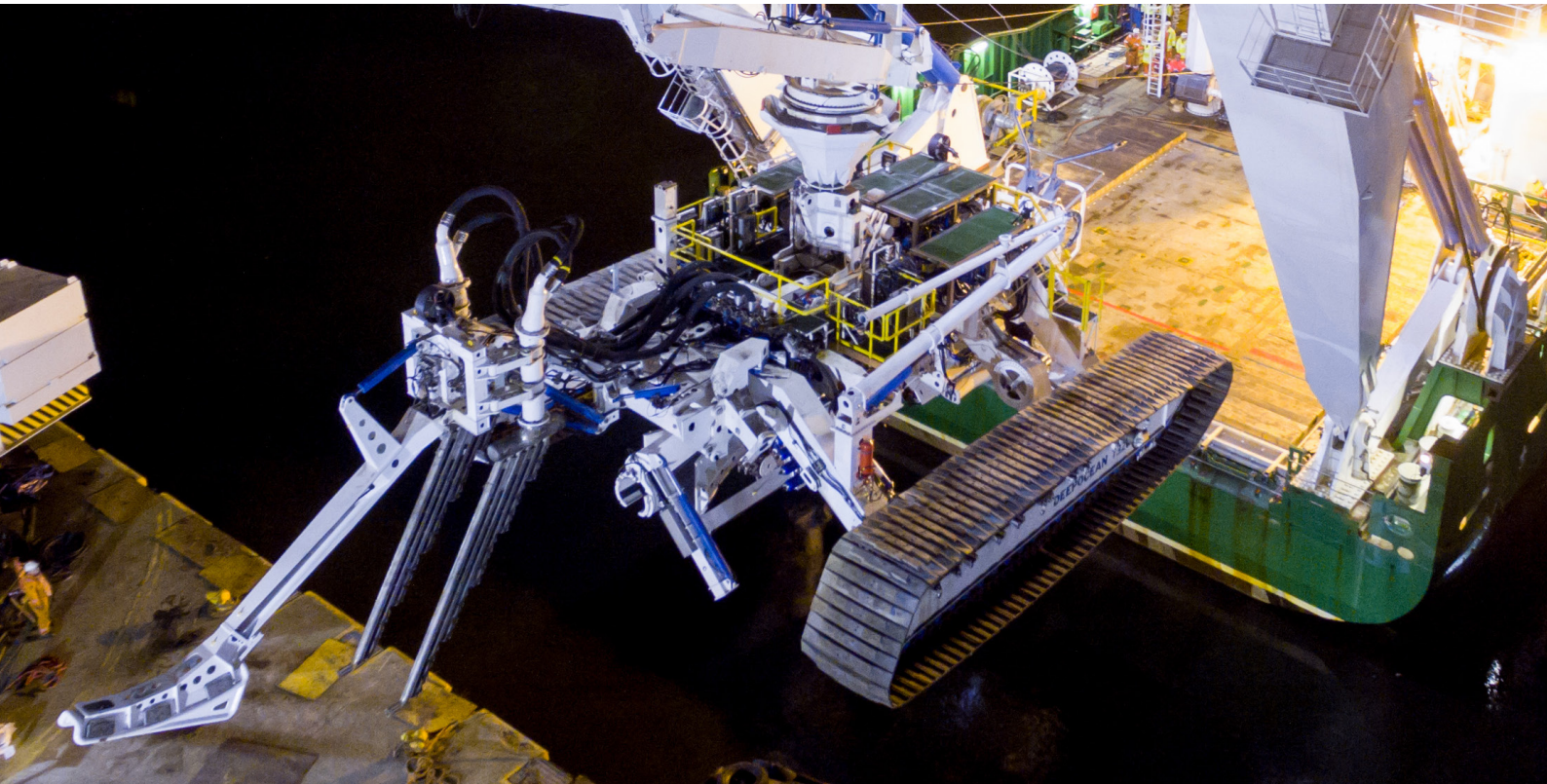


T-3200

SPECIFICATION SHEET



MECHANICAL CUTTER AND JET TRENCHER

T-3200 is the worlds largest and most powerful subsea trencher designed for the unrivalled burial of subsea cables, pipelines and flexible product in the most challenging of seabed conditions.

The highly sophisticated tracked vehicle weighs up to 170te and delivers 3200HP of drive and trenching power to the seabed, cutting and jetting trenches up to 3.5m in depth in both hard and soft seabed.

In single chain cutting mode, a slot trench is created with an 800kW boom cutter. This is supported by a 600kW rear mounted jetting system to deliver 2200m³/hr of water flow at 6 bar pressure.

In jet trenching mode, 1200kW of jetting power is targeted through central mounted osculating and pivoting jetting swords delivering flow rates of 3400m³/hr at 9 bar pressure. This is supported by a 600kW rear mounted jetting or dredge system.

KEY FEATURES

- UNRIVALLED POWER AND CAPABILITY
- TRENCH DEPTHS UP TO 3.5M
- COMBINED CUTTING AND JETTING FOR HARD OR SOFT SOILS
- DIVERLESS SUBSEA LOADING CAPABILITY
- FANBEAM POSITIONING IN SHALLOW WATER
- ACTIVE HEAVE COMPENSATED LAUNCH AND RECOVERY

SPECIFICATION SHEET

GENERAL	
OPERATING DEPTH	9m - 500m
MAXIMUM TRENCH DEPTH	3.5m
TRENCH PROFILE	parallel trench - vertical walls
PRODUCT TRACKING	TSS440 / TSS350, OA sonar & cameras

DIMENSIONS	
LENGTH	22.5m
WIDTH	13m
HEIGHT	9.6m
WEIGHT IN AIR	between 143te and 170te depending on system
GROUND PRESSURE	between 35kPa and 42kPa depending on system

SINGLE CHAIN CUTTER SYSTEM		
	CABLE MODE	PIPELINE MODE
CONFIGURATION	single cutting chain in the vertical position	
POWER DISTRIBUTION	800kW	
CHAIN TYPE	heavy duty interleaved chain	
MAX PRODUCT SIZE	500mm	
PRODUCT HANDLING	dual product loading and instrumented cable trough and bellmouth	dual product loading and instrumented pipeline rollers
DEPTH CONTROL	0m - 3.5m	
MBR	5m	na
REAR TOOLING	JET SWORDS	DREDGE
POWER	600kW	160kW
PRESSURE	6 bar	0.7 bar
FLOW	2200m ³ /hr	750m ³ /hr



Single Chain Cutter System

The T-3200 is not limited to these parameters and can be modified by DeepOcean to complete worksopes in excess of its current configuration.

JET TRENCHING SYSTEM		
	CABLE MODE	PIPELINE MODE
CONFIGURATION	Jetting cassette with the ability to raise and lower by 1m, oscillate and pivot from 0-90°	
POWER DISTRIBUTION	1200kW	
MAX PRODUCT SIZE	800mm	1300mm
DEPTH CONTROL	0m - 3.5m	
REAR TOOLING	JET SWORDS	DREDGE
POWER	600kW	160kW
PRESSURE	6 bar	0.7 bar
FLOW	2200m ³ /hr	750m ³ /hr
	Optional backwash tool available	

SOIL TYPE	
Suitable for a range of sands, clay and rock up to 40MPa UCS	



Jet Trenching System

Revision Date 22.11.2016

DeepOcean accepts no responsibility for and disclaims all liability for any errors and/or omissions in this production.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.

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