



SUBSEA CRAWLERS

With 30 years of operational experience, Upstream Technology's Subsea Mining Crawlers are robust mobile mineral recovery platforms engineered for operation in demanding and remote offshore mining environments. Designed to provide reliable mobility across uneven seabed terrain, the crawlers enable rapid deployment and recovery using a single wireline Launch and Recovery System (LARS), reducing operational complexity and vessel integration requirements.

The machines incorporate heavy-duty tracked undercarriages, advanced hydraulic systems, and remote operation capabilities to ensure safe, efficient and reliable performance in challenging subsea conditions.

Designed for maximum availability and reduced maintenance requirements, the crawlers offer exceptional durability, simplified servicing, and low lifecycle operating costs, making them an ideal solution for long-term subsea mineral recovery operations.

APPLICATION

- ▶ Mineral Recovery Operations
- ▶ Remote Mining Environments
- ▶ Continuous Mining Operations
- ▶ Alluvial Mining Projects

ADVANTAGES OF UTEC CRAWLER TECHNOLOGY

- ▶ Mineral Recovery Operations
- ▶ Rapid deployment through a single wireline LARS system
- ▶ Robust tracked mobility for challenging seabed conditions
- ▶ Remote operation from surface vessels with significant systems automation
- ▶ Mature operating systems for control and visibility of seabed operations
- ▶ High reliability in harsh offshore environments
- ▶ Reduced vessel integration and deployment complexity
- ▶ Low maintenance design for maximum equipment availability
- ▶ Enhanced maintenance ergonomics and operator safety throughout operations
- ▶ Proven hydraulic and mechanical systems
- ▶ Reduced lifecycle operating costs



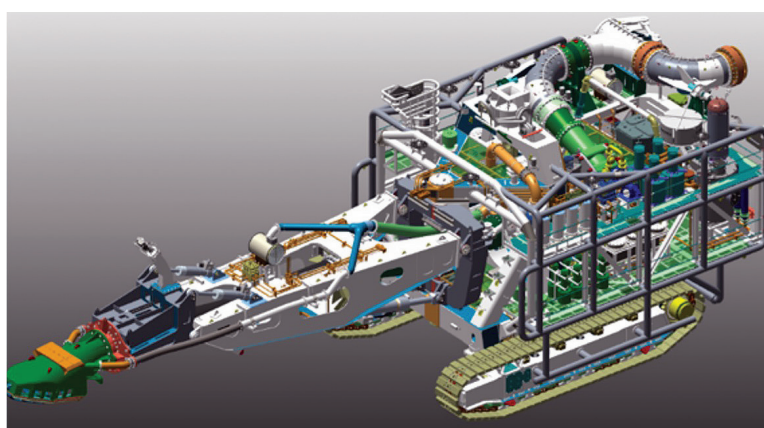
FEATURES AND SPECIFICATIONS

FEATURE	700 CRAWLER	800 CRAWLER
Dredge Pump Diameter	700 NB	800 NB
Dredge Pump Power	2.4 MW	3.4 MW
Weight in Air	300 t	370 t
Overall Length	27.5 m	28.5m
Overall Width	7.3 m	8.2 m
Overall Height	8.0 m	9.0 m
Operating Water Depth	Up to 200 m*	Up to 200 m*
Mobility System	Tracked Undercarriage	Tracked Undercarriage
Control System	Remote Surface Operation	Remote Surface Operation

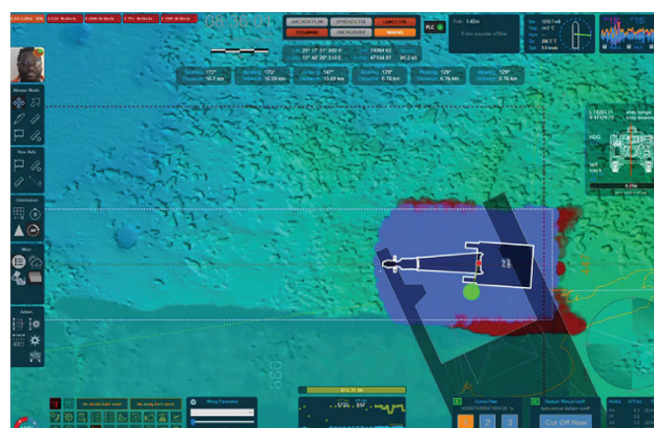
*Greater operating depths available upon request.

PERFORMANCE CHARACTERISTICS

PARAMETER	700 CRAWLER	800 CRAWLER
Mining flow rate	2.7 m ³ /s	3.5 m ³ /s
Line velocity	7 m/s	7 m/s
Flow density	~1.25 SG	~1.25 SG
Tool slew speeds	1.1 m/s	1.1 m/s
Mineral recovery lane width	20 m	2.0m
Track system speed	<= 1.2 km/hr	<= 1 km/hr



Illustrative 3D Model of a Subsea Crawler



Product Display Suite for Crawler Subsea Operations

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