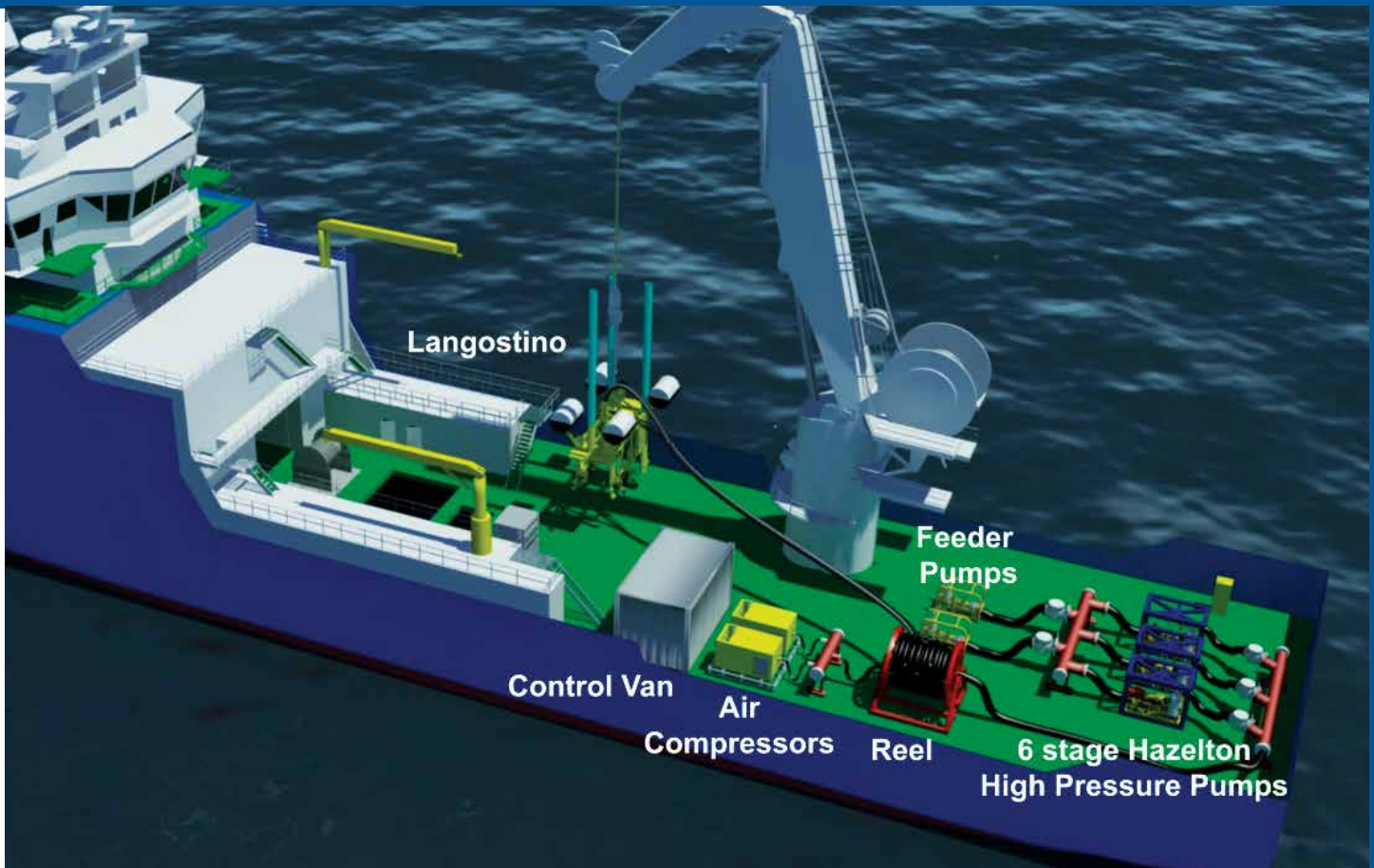




Langostino

Lay/Bury Submersible



Simultaneous lay/bury operations for subsea pipelines

The LANGOSTINO is a self propelled pipeline trenching machine designed to bury up to 48" pipeline down to 3' below mudline. Multiple passes can achieve up to a 16' trench while the machine uses its jetting capabilities to cut through the toughest clay. While cutting, the LANGOSTINO's airlifts are used to lift the material away from the trench. The LANGOSTINO technology can be used as a stand-alone operation from lay barges, four-point vessels, liftboats and DP vessels. The LANGOSTINO has proven itself in the Gulf of Mexico as an efficient and economical means for burying any length of pipeline.

Systems Onboard Include:

- Structural*
Frame designed for stability with three certified padeyes for lifting and setting.
- Hydraulic*
4 hourglass rollers centered under the machine track down the pipeline.
- Air*
4 airlifts mounted on the machine lift cuttings away from the ditch.
- Water*
Adjustable jetting nozzles along with 3,000gpm@ 900psi jet pumps give ample cutting capacity.

Specifications

Length	198'''
Width	7' 10"
Dry Weight	16,755 lbs.
Submerged Weight	7,716 lbs.
Operating Depth	20' to 300'

Buoyancy Control

Ballast Compensation	4 Tank Attitude & Current
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Trenching Equipment

Heads	6 Rotating Cutting
Nozzles (per head)	(4-8)
Ridge Busters	2 stems (optional)

Propulsion

Self-Propelled	
Fore	1 set Hydraulic
Aft	1 set Hydraulic
Independent Ram	Each Roller
Rollers	Jump External Fixtures
Speed	700/hr

Pipelay

Minimum	24"
Maximum	58" O.D.

Control

Hose Bundle Attached Type	600' Rear of Lay Vessel Hydraulic
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Cutting

Depth (Single)	3' to Top of Pipe
Depth (Tandem)	10' to Top of Pipe
Parapet Avoidance	Air Venturis
Dispersement	To Surface

Air Compressors

(Qty 12-3) 600 CFM	80-120 psi
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PERSPECTIVE VIEW

TOP VIEW

SIDE VIEW

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