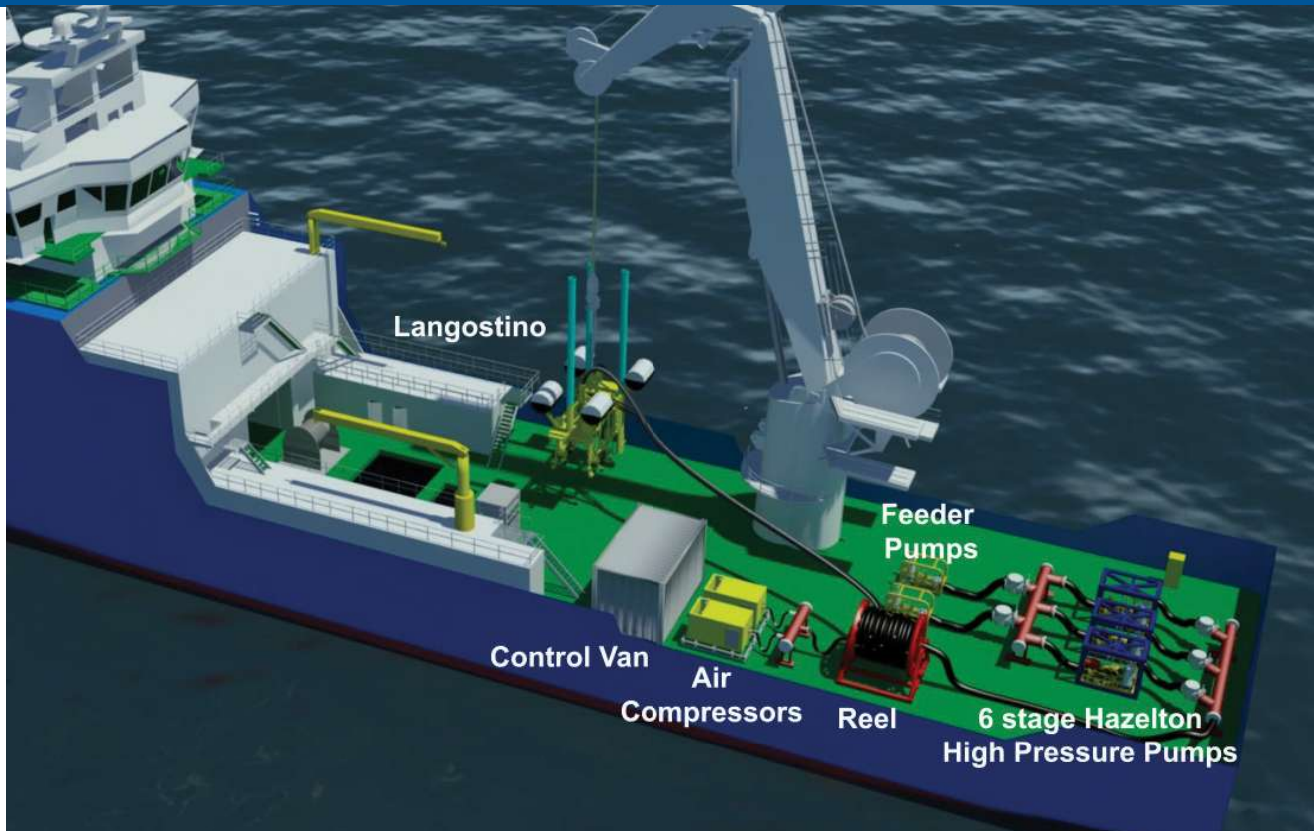


Langostino

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 it's 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*
3 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 19' 8"
 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

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

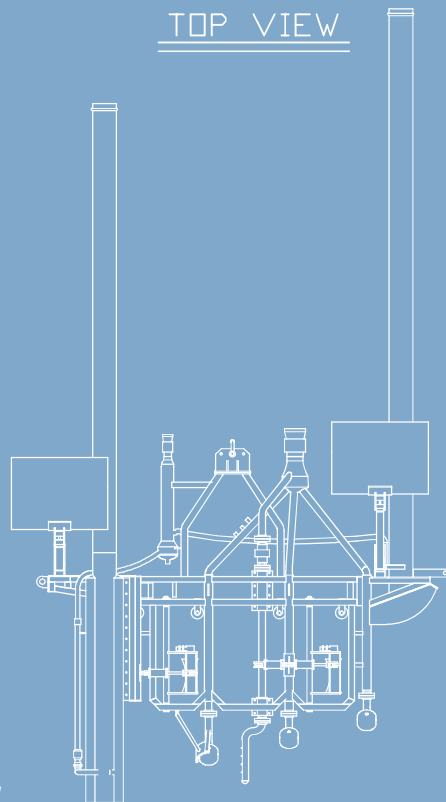
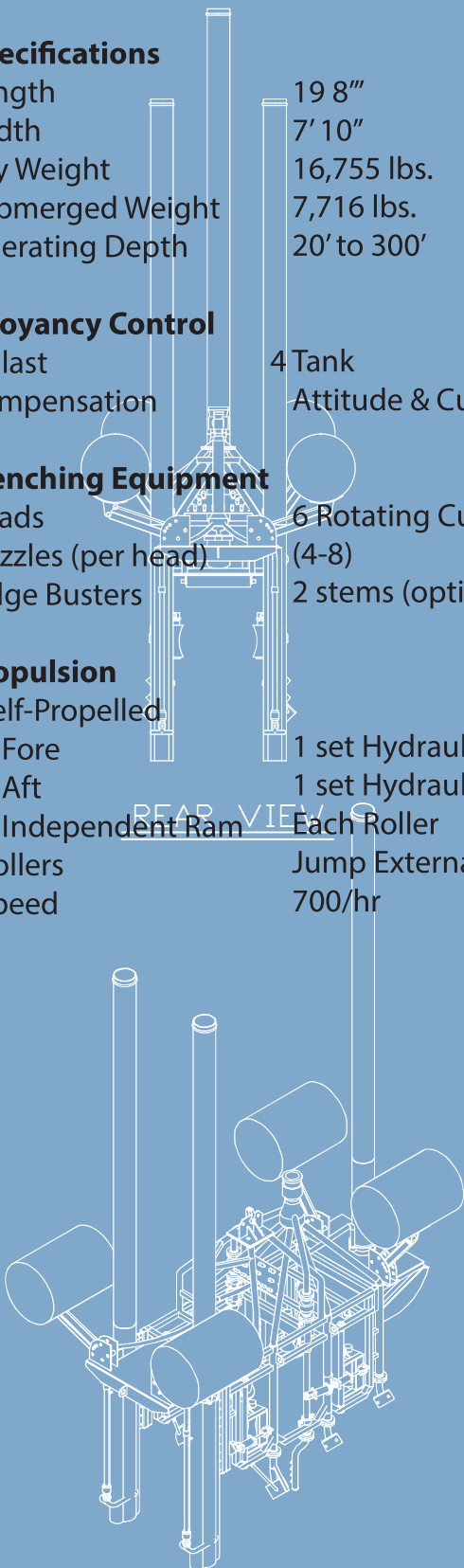
Hose Bundle 600'
 Attached Rear of Lay Vessel
 Type Hydraulic

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



*Pipeline Burial
 Services
 A BWH Services
 Company
 110 Industrial Blvd.
 Houma, LA 70363
 Helyn Ledet
 985-791-8209 (cell)*