

STX-MARINE



SPECIAL PROJECTS

Marine

STX-MARINE

STONEX offers flexible, high-performance positioning systems to meet the unique needs of marine construction on both simple and complex projects.

Our solutions include both hardware and software, and can be easily integrated into third-party systems. Improve productivity and efficiency in underwater marine construction applications including dredging, crane operations, piling and hydrographic survey.

STX-MARINE provides accurate 3D visualization to assist the operator with underwater construction tasks.

Our systems are suited for dredging operations, canal/port development, land reclamation and breakwater/revetment works.



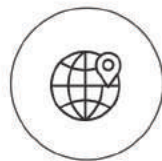
REAL TIME VISUALIZATION

Real-time visualization of the bucket/dredge head related to the design in plan, profile (2D) or 3D improves productivity and reduces rework and over-dredge.



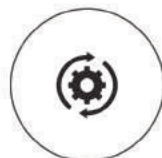
LARGE GRID MODELS

Large grid models make it easier to visualize differences between current and project status. Rugged large display for ease of use and personalization.



REAL TIME UPDATES

Improve accuracy and speed with bathymetry data providing real-time updates on materials unloading or extraction. Reworkings to be carried out is drastically reduced.



HIGHLY CONFIGURABLE

Highly configurable to suit endless machine/vessel configurations. Wide room for different applications including basic excavation, dredging, piling and revetment works.



EASY WORK

Easy-to-create volume calculations and reports reduce the need for operators to request office processing. Multiple view and configuration tailored to suit your requirements.



STX-MARINE

Flexible, High-performance Positioning Systems

STX-MARINE sensors support a range of marine construction workflows including:

Dredging

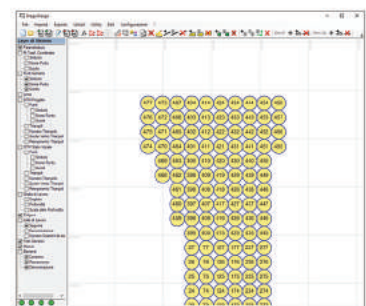
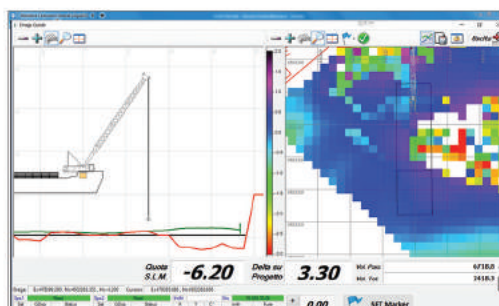
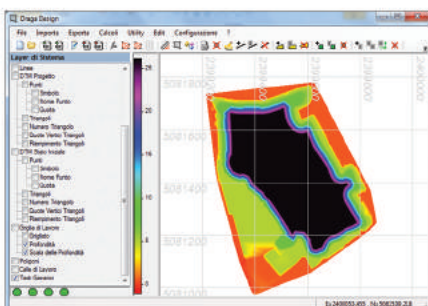
- Cutter Suction Dredger
- Bucket Dredger
- Backhoe/Excavator Dredger
- Grab/Clamshell Dredger

Placement

- Rock Dumping and Placement
- Caisson Placement
- Block Placement using Wire crane or Excavator
- Vertical and Raked pile placement

Benefits

- 3D full color process map
- Icon driven menu
- Zoom to improve visibility of work area
- Monitor bucket position in real time on target indicator
- Stakeout function provides guidance



Innovation, research and advanced solutions for surveying precise positioning and GPS networks

STONEX® is a multinational company, based in Italy (Lissone, MB), designing and manufacturing high precision surveying instruments for different applications: civil engineering, topography, GIS & Mapping, security, transportation and mining. The company runs operations worldwide (today Stonex branded products are used in more than 80 countries) through a high skilled network of distributors and dealers.



Stonex product range includes:

- Total Stations
- Field controllers GPS/GNSS
- GNSS/GPS receivers
- Handheld GPS/GNSS for GIS & Mapping
- CORS systems
- Laser Scanner
- Software for GIS, Survey and 3D scanning
- Special Projects

Stonex qualify for the high quality, accuracy and reliability standard.

Stonex is a certified UNI EN ISO 9001:2008 company.

STONEX AUTHORIZED DEALER

STONEX®
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