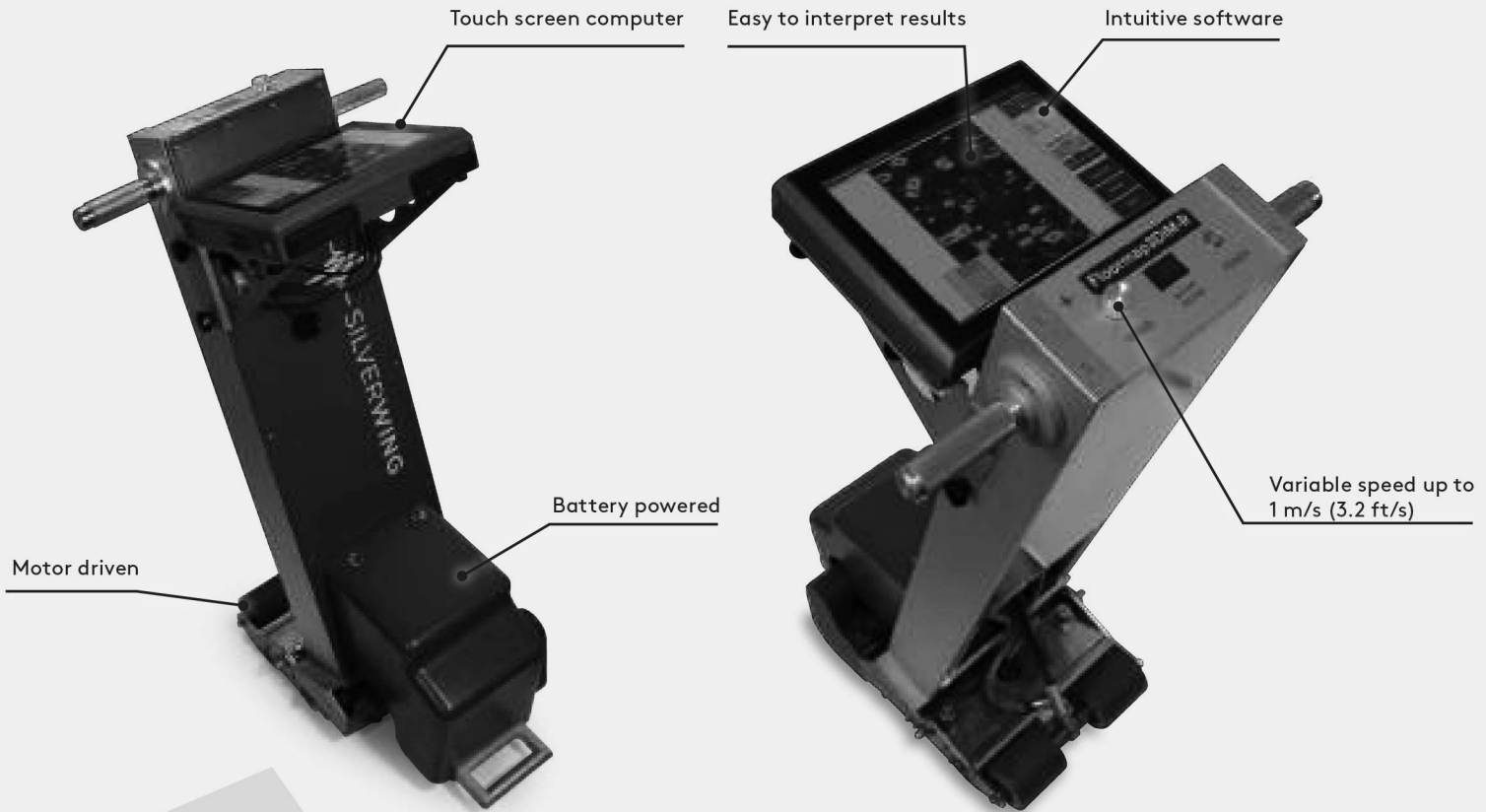


SMART TANK BOTTOM INSPECTION THE LEADER. MADE FASTER.

Floormap tank bottom inspection system utilizes two technologies, MFL and STARS. With top and bottom plate corrosion views and speeds up to 1 m/s (3.2 ft/s), Floormap improves the complete inspection process.



TWO TECHNOLOGIES - MFL & STARS

Floormap combines two distinct technologies, MFL and STARS. MFL sensors are used to detect corrosion within the tank bottom whilst STARS (Surface topology air-gap reluctance sensors), Silverwing's patented technology enables the scanner to determine whether the corrosion is top side or bottom side. STARS can also be used to see the top surface below a coating.

HIGH-RESOLUTION

The high resolution sensors provide excellent probability of detection down to defect as small as 2 mm in diameter. This, coupled with advanced signal processing and defect classification tools, significantly improves the corrosion detection and sizing capability. Results are translated on-screen into an easy to interpret pictorial view of the scanned area, making it easier to understand the condition of the tank bottom.

VARIABLE SPEED

Floormap is one of the fastest motor driven scanners on the market. With variable speeds of up to 1 m/s (3.2 ft/s) Floormap increases inspection efficiency, reducing the time spent in a tank.

FLOORMAP-R

Basic model with free-scan and auto-stop modes is designed for rapid screening of tank bottoms. Free-scan displays a live MFL view of the plate, either color coded to show the magnitude of the MFL signals or as a simple black and white view showing only defects above a set threshold. Auto-stop mode stops the scanner whenever a defect is detected above a set threshold.

FLOORMAP3Di-R

Intermediate model includes mapping mode, unlike the basic model the scanner captures, saves and produces a corrosion map of the tank bottom. The corrosion map can be analyzed after each scan or post inspection within the dedicated SIMS reporting software which enables tank engineers to compare and review historically data sets to determine the optimum repair strategy.

FLOORMAP3DiM-R

Advanced model combines the benefits of the basic and intermediate scanners into one fully featured system giving maximum flexibility.