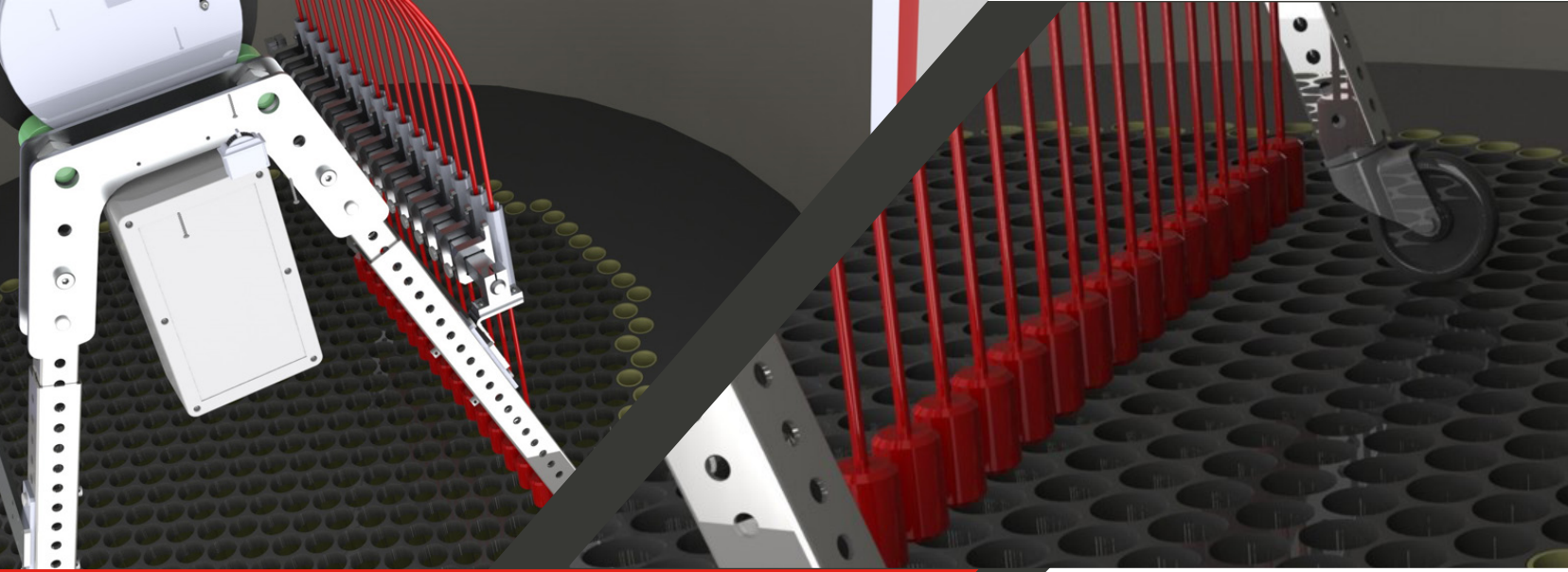

HIGH SPEED VERTICAL TUBE INSPECTION (HVTI)

AMERAPEX
Committed to Technical Excellence

16X
Faster inspection compared to Eddy Current techniques

1,000
Non-ferrous tubes/ hr can be inspected using HVTI-ECT (20 ft)

400
Ferrous tubes/hr can be inspected using HVTI-RFT (20 ft)

100%
Of data acquired in the reactor can be analyzed live on site

EFFICIENT, STREAMLINED INSPECTION

The High-Speed Vertical Tube Inspection (HVTI) is capable of delivering traditional Eddy Current results **sixteen times faster** than any other probe pusher on the market. Amerapex has the capability of inspecting between **8-16 tubes simultaneously**.

MINIMIZES DOWNTIME

INCREASES SAFETY

REAL TIME RESULTS

	HVTI-ECT *Utilizing one system*	**Traditional ECT** *Utilizing 2-day crews, 2-night crews*
Total Manpower	Total: 12 • (1) Hole Watch • (2) Assistants • (1) Level II Technicians • (8) Analysts	Total: 14 • (2) Hole Watch • (4) Assistants • (4) Technicians • (4) Analysts
Data Acquisition	10.41 Hours	76.92 Hours
Data Analysis	28 Hours	8 Hours
Total Hours of Inspection	**38 Hours (1.5 days)**	**85 Hours (3.5 days)**

REACTOR INSPECTION PROGRAM

1. Discuss history of reactor(s) and concerns, as well as project timeline.
2. Walk down reactor for 3D imaging, reporting, and identify any areas of concern on reactor.
3. Completion of acquisition path, 3D imaging, and tube map drawing prior to start of project.
4. Utilize Olympus IPLEX R/T videoscope for method prove-up.

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