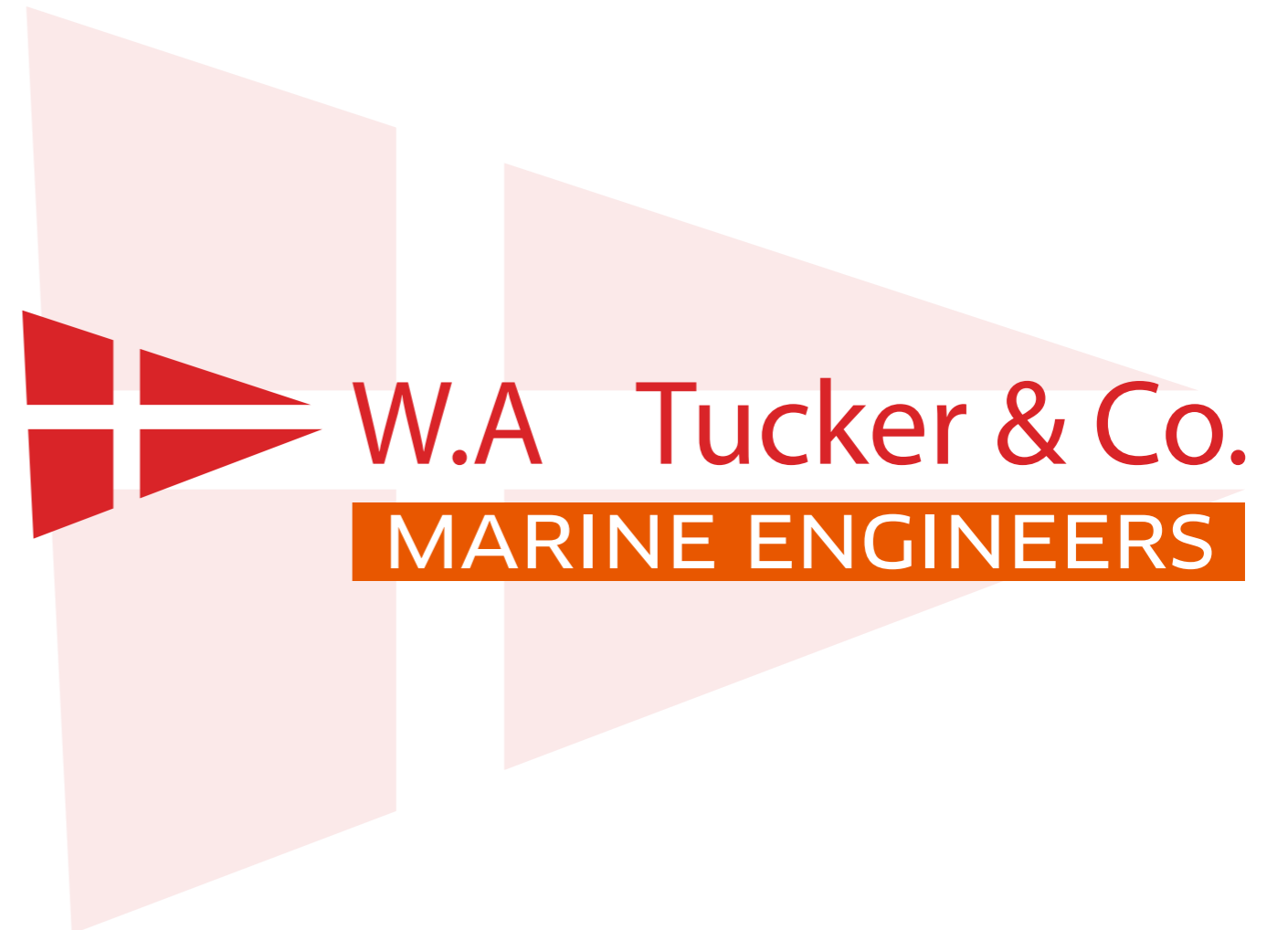




CERTIFICATIONS



ULTRASONIC HATCH LEAK DETECTOR

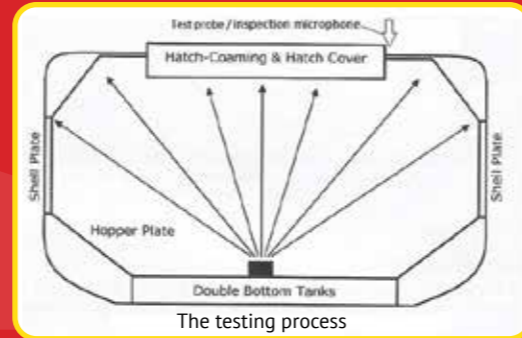
Master Divers/W.A Tucker & Company

Ultrasonic hatch leak detector, A unique method to test the weather tightness of cargo hatch covers and in water tight doors. The method can be used for testing the weather tightness of any location of marine vessels and any other enclosed spaces.

This method replace conventional high pressure hose testing. The ultrasonic test can be conduct in any weather condition. The method is quicker, clean, more accurate and can perform easily. Because of the portable display unit and extendable inspection microphone units, it possible to measure the weather tightness of any chamber that setup in any difficult location.

Key features

- Lightweight 3.8 kg (8 lbs) - suitable to be hand-carried onto aircraft
- Digital calibration controls
- Open Hatch (OH) value and sound level in Decibels (dB) are simultaneously displayed.
- Powerful and robust transmitter
- Easy transportation in a rucksack-style carry case
- The transmitter has 6 selectable pre-set power levels enabling the unit to be used in confined spaces
- Inspections can be carried out with cargo in place.
- Allows a rapid and thorough test of hatch cover tightness
- Environmentally friendly - can be used in place of hose testing.



- 1 Our NDT certified inspectors will carry out the inspection and a final detail report will be submitted within a one hour in site.
- 2 We offer our 24/7 service with competitive packages, service at any location in inner harbor or outer anchorage.
- 3 In your next weather testing of ship hatch covers or water tight doors, contact Master Divers /W.A Tuckers



SHIP REPAIRS

At Master Divers we offer all types of surface repairs and above water line repair meeting international standards of excellence. We handle over 20 vessels annually alongside repair berth's within any port in Sri Lanka as well as anchorage or outer port limits in Sri Lankan waters. We are capable of handling all routine, damage and retrofit repairs.

Our workshops are fully equipped with the latest machinery and equipment and our yard is geared to cater to all types of ship repairs including:

- Machinery repairs
- Hull repairs
- Propeller repairs
- Electrical repairs
- Electronic and automation repairs
- Cargo gear repairs
- Internal tank, cargo hold blasting and coating

Drydock repairs undertaken include

- High pressure water jetting and cleaning & Hydraulic Brush cart for cleaning on water
- Grit / shot blasting
- Airless spray painting
- Overhauling / installation of undersea fitting
- Withdrawal of tail-end shafts
- Renewal of stern bushes
- Overhauling and renewal of stern seals
- Unshipping of rudders
- Checking and correcting alignment of rudders
- Replacement of anodes
- Installation and repair of cathodic protection systems
- Non-destructive methods for testing radiography
- Lignum vitae re-bushing
- Ultrasonic x-rays and magnetic particle surveys
- Load line inspections
- Safety equipment surveys
- Certifications

W.A TUCKER & COMPANY MARINE ENGINEERS

Over 75 years of experience ship fabrication works.
Pioneers in deck and hatch cover repairs.

- Class approved welders for any type of fabrication jobs
- Crane repairs and heavy engineering works
- Supplying and connecting of anchors and anchor chains in outer anchorage (We are equipped with Deck barges 36 m x 12 m and mounted cranes)
- All type of main and auxiliary engine repairs
- Turbo chargers and generator servicing and repairing
- Ship air conditioners, servicing and repairing
- Hatch cover and tank repairs
- Calibration of gauges and meters
- Re filling and servicing of breathing apparatus bottles

PROFESSIONALS
IN HEAVY ENGINEERING
AT ALL PORTS & OUTER PORT LIMITS
IN SRI LANKA



W.A Tucker & Co.

Own Vessels



MV Ruhunupura

Container Vessel
Length overall: 127.5m
Breadth: 20.0m
GRT: 5967 Tons
Speed: 15.5 Knts
Capacity: 580 TEU



Puffin

Steel tug boat
Length overall: 15.24 m
Breadth: 3.96 m
Speed: 9 knots
Bollard pull: 3 tons
280 HP at 750 RPM



Puffin II

Steel tug boat
Length overall: 15.24 m
Breadth: 3.96 m
Speed: 9 knots
Bollard pull: 3 tons
280 HP at 750 RPM



Puffin III

Steel tug boat
Length overall: 15.24 m
Breadth: 3.96 m
Speed: 9 knots
Bollard pull: 3 tons
280 HP at 750 RPM



Puffin IV

Steel tug boat
Length overall: 12.65 m
Breadth: 3.43 m
Speed: 9 knots
Bollard pull: 2.4 tons
240 HP at 1800 RPM



Puffin V

Steel tug boat
Length overall: 12.68 m
Breadth: 3.38 m
Speed: 9 knots
Bollard pull: 2.4 tons
240 HP at 1800 RPM



Puffin VI

Steel tug boat
Length overall: 14.25 m
Breadth: 3.95 m
Speed: 15 knots
10 Passengers
435 HP X 2



Puffin VII

Steel tug boat
Length overall: 12.65 m
Breadth: 3.43 m
Speed: 9 knots
Bollard pull: 2.4 tons
240 HP at 1800 RPM



Puffin VIII

Steel tug boat
Length overall: 15.43 m
Breadth: 3.38 m
Speed: 9 knots
Bollard pull: 5 tons
240 HP at 1800 RPM



Puffin IX

Anchor boat
Length overall: 18.0 m
Breadth: 7.0 m
Speed: 8.5 knots
Main winch: 15.0 tons
Sub winch: 3.0 tons



Puffin X

Speed boat
Length overall: 19.0 m
Breadth: 4.3 m
Speed: 24 knots
21 Passengers
550 HP X 2



Puffin XI

Multipurpose tug boat
Length overall: 21 m
Breadth: 6.1 m
Propulsion: single screw
Speed: 12 Knots
Bollard pull: 10 tons
550 HP X at 400 RPM
VHF Marine band



Barge Matara

Flat deck pontoon barge
Length overall: 36.6 m
Breadth: 12.20 m
GRT: 281 tons
Displacement: 680 tons



Barge Kalutara

Flat deck pontoon barge
Length overall: 36.6 m
Breadth: 12.20 m
GRT: 281 tons
Displacement: 680 tons



Water Barge Blue Marlin

Water barge
Length overall: 18.14 m
Breadth: 6.09 m
GRT: 55 tons
Capacity: 100 tons



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