



ABN 67 117 643 651

# JMAC MARINE & INDUSTRIAL

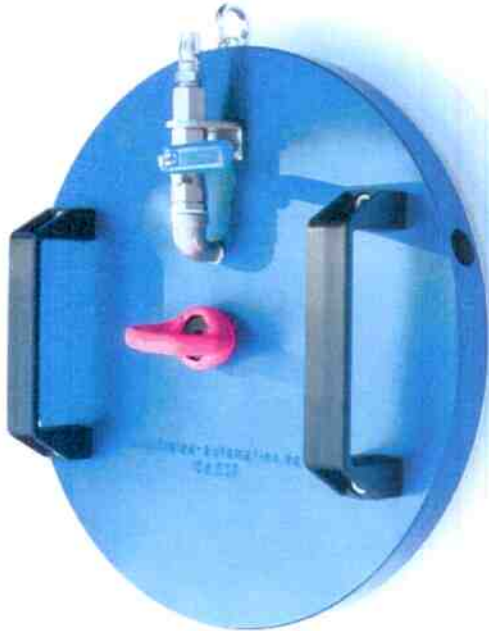
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## PILOT LADDER SAFETY RIGGING OF "COMBINATION ARRANGEMENTS"

### BLUE BOX



The "Blue Box" suction pad used to secure the bottom of the accommodation ladder to the ship's side insures the accommodation ladder rests *firmly against the ships side* in a cost effective, safe and practical manner. (See SOLAS requirements overleaf)

The "Blue Box" operates from free supplied deck air at 6 ~ 7 Kg/cm<sup>2</sup> the unit is made from non ferrous materials therefore is resistant to corrosion, it is light weight at approximately 6 kgs, can be stored easily, is portable and robust. This simple device can solve many problems associated with high free board vessels and is an added safety device which may save injury to pilots and crew alike.

The unit is usable on a variety of different materials and can also be used for other applications where a point of attachment is required on any flat surface.

The "Blue Box" can also be used as a lifting device where no other attachment point is available i.e. lifting steel plate etc.



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## YELLOW MAG

The JMAC Hull Magnet uses Rare Earth Neodymium (NdFeB) N38 material as its magnetic core, housed within steel cup housings to concentrate magnetic flux at the working surface. The magnet housings are resin-filled and the foundation plate is powder-coated yellow for safety and protection against the marine environment. The gripping force will vary with the surface (thick paint etc.) but is up to 6000 Newtons. A stainless steel swivelling eyebolt is the lashing point.



The Amendments 2000 to the International Convention for the Safety of Life at Sea (SOLAS), Chapter V, Regulation 23, Pilot transfer arrangements, Clause 3 Transfer arrangements, requires that arrangements shall be provided to enable the pilot to embark and disembark safely on either side of the ship and Clause 3.3 states that safe and convenient access to, and egress from, the ship shall be provided by, (3.3.2), an accommodation ladder in conjunction with the pilot ladder, or other equally safe and convenient means, whenever the distance from the surface of the water to the point of access to the ship is more than 9 metres. The accommodation ladder shall be sited leading aft. When in use, the lower end of the accommodation ladder shall rest firmly against the ship's side with the parallel body length of the ship and, as far as is practicable, within the mid-ship half length and clear of all discharges.

**JMAC Marine & Industrial Pty Ltd is agent for "Blue Box" and "Yellow Mag" and is also able to supply Pilot Ladders and other ships spares.**