

# ANTI PIRACY EQUIPMENT: NEMESIS 5000



**Official Representative**

Infinite Security Solutions (ISS) is Asia's Representative for the revolutionary

## **Nemesis 5000 Anti-Piracy (Boarding Deterrent) System.**

Piracy has become more prevalent and with this continually growing threat comes grim consequences i.e. K&R Negotiations, Loss of Revenue, Law Suits, Ransom and Insurance Fees as well as potential Loss of Life.

There are a number of threat responses currently being employed i.e. Vessel hardening, Armed or Unarmed security solutions, Razor Wire etc. neither of which on their own, or in combination, have proven themselves to be full proof. Each of these security solutions poses their own unique and varying set of implications which Ship Owners and/or Ship Managers are already well aware.

The **Nemesis 5000** however, offers a practical and comprehensive security solution to the ongoing piracy threat. The system supplies a High impact water jet curtain around the perimeter of the vessel.

### **Design**

- Proven operating technology
- Water driven using vessel Fire Main
- Water pressure 7 to 14bar
- Water velocity at nozzle 143 to 151km/hr (89-94m/hr)
- Designed in accordance with BV / ABS requirements



It uses available utilities, is easy to install, operate and maintain, functions automatically (alleviating any risk to crew) whilst giving 360° vessel protection. Note: Accepted by BV / ABS / Lloyds.

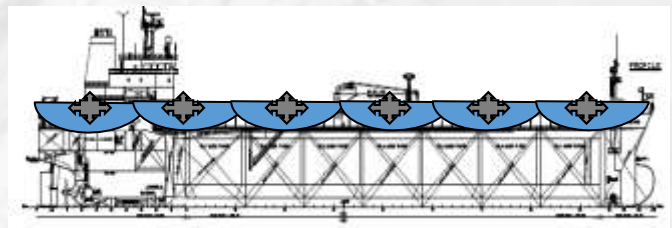
### **Standard Scope of Supply**

- Nemesis Machine
- Mounting Brackets
- Hose from Fire Main to Machine
- Standard Tools and Spares

### **Ship survey is required to ascertain:**

- Positions of Machines
- Specify Type of Mounts Required
- Quantity of Machines Required
- Hose Lengths and Connections Required

### **Nemesis at 20m Intervals**



W W W . I S S - T E A M . C O M

### **THE ISS TEAM:**

*Infinite Security Solutions Pte Ltd – Singapore | Infinite Security Solutions Ltd – UK  
Infinite Security Solutions Ltd – Anguilla | Infinite Security Solutions Global Ltd – HK  
Infinite Security Solutions Europe Ltd – UK | Infinite Security Solutions Ghana Ltd | Ghana  
Infinite Security Solutions Corporation | BVI Holding Company*

V1.5

### **OFFICE:**

*Singapore | UK | Anguilla | HK | BVI | Japan  
Greece | NZ | Nigeria | Lebanon | Europe*

# NEMESIS 5000



**Official Representative**

## Additional Deterrent options:

- Pepper Spray
- Coloured Dyes
- Caustic Soda
- Ultra Violet Detection

## Maintenance & Training:

- Maintenance Support and Spares Packages
- Testing of Equipment
- Crew Training

## Installation & Commissioning:

- Health and Safety Aspects
- Introduction to the equipment
- Positioning of equipment to ensure maximum deterrent
- Testing and Fault finding of equipment
- Training crew to install, operate and maintain equipment

Approximate Number of Machines per Vessel							
Ship Type	ULCC	VLCC	SUEZMAX	AFRAMAX	PANAMAX	HANDYMAX	HANDYSIZE
Length	380m	335m	274m	253m	228m	183m	176m
DWT	440K	175K	150K	120K	65K	50K	35k
No of Machines	40	36	32	30	26	22	20

All dimensions and details are typical only.  
Main Deck freeboards in excess of 15m may only require Poop Deck protection.

## BENEFITS of the Nemesis 5000:

- Effective, un-manned, non-lethal response to a hostile boarding attack.
- Easy installation, operation, and maintenance.
- No Risk to Crew on open decks.
- Hydraulically operated from Fire Main.
- Continuous 360° vessel coverage.
- Intrinsically safe for all vessels.
- Effective Deterrent and Repellent.

W W W . I S S - T E A M . C O M

### THE ISS TEAM:

Infinite Security Solutions Pte Ltd – Singapore | Infinite Security Solutions Ltd – UK  
Infinite Security Solutions Ltd – Anguilla | Infinite Security Solutions Global Ltd – HK  
Infinite Security Solutions Europe Ltd – UK | Infinite Security Solutions Ghana Ltd | Ghana  
Infinite Security Solutions Corporation | BVI Holding Company

V1.5

### OFFICE:

Singapore | UK | Anguilla | HK | BVI | Japan  
Greece | NZ | Nigeria | Lebanon | Europe