

## A-Frame Launch and Recovery System



# TG AF03/04 - Data Sheet

## Air diving A-frame skid

<b>Length (when closed):</b>	3500mm
<b>Base length:</b>	3500mm
<b>Width:</b>	2500mm
<b>Height (when closed w/o basket):</b>	mm
<b>Max height:</b>	2500mm
<b>Mass:</b>	5500Kg
<b>Lifting Padeyes SWL: (x 3)</b>	1000Kg – 2000Kg – 1000Kg

Removable safety rails to all sides  
Gates to offboard side with umbilical rollers to aid diver recovery  
Safety chandelier cut off limit switch

## Basket

<b>Length:</b>	630mm
<b>Width</b>	1500mm
<b>Height:</b>	2550mm
<b>Safe working load</b>	700Kg
<b>Mass (tare):</b>	500Kg
<b>Mass (gross):</b>	1197Kg

Custom built dive baskets in 316 stainless steel  
Designed by Triton Grey for 3 diver in water operations  
Design loads and baskets include 2 x 50litre cylinders  
Heavy duty design fully compliant with IMCA guidelines



## Man-riding winch specs

<b>Winch:</b>	1 off Ingersol Rand FA2.5 MR 16MK1G-E
<b>Man-riding rating:</b>	1,450Kg
<b>Drum length:</b>	406mm
<b>Drum brake:</b>	manual
<b>Disc brake:</b>	Yes
<b>Control:</b>	1 winch mounted lever
<b>Rated operating pressure:</b>	6.3 Bar
<b>Air consumption rate: (at rated pressure and load)</b>	10m <sup>3</sup> /min
<b>Full drum line pull:</b>	2,000Kg
<b>Mid drum line speed:</b>	17m/min
<b>Max stall pull:</b>	4,218Kg
<b>Max freeboard:</b>	26mm
<b>Net weight:</b>	430Kg
<b>Drum barrell diameter:</b>	273mm
<b>Wire rope diameter:</b>	13mm
<b>Wire rope length:</b>	120m
<b>Max Depth:</b>	50m

