

A-Frame Launch and Recovery System



TG AF03/04 - Data Sheet

Air diving A-frame skid

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

Length:	630mm
Width:	1500mm
Height:	2550mm
Safe working load:	700Kg
Mass (tare):	500Kg
Mass (gross):	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

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

