

# **MK 4 HD**

## **MARK™ 4 HEAVY DUTY**

**LONG SHAFT - RIGID FLOOR**

**BLACK TUBE : Z80140**

**NATO Number : 1940 145511911**

### **FC HULL SHAPE - HEAVY LOADING**

This is a unique range of larger inflatables boats that is designed primarily to carry heavy loads at planing speed due to its trimaran FC hull shape equipped with lateral stabilizers.

Heavy Duty range boats use heavy materials and are reinforced throughout making them suitable for extreme service. Even at sizes up to 7 m, they can still be rolled up into a bag and thrown into the back of a pickup truck or aircraft.

Zodiac Milpro™ is proposing the MK 4 HD - Mark™ 4 Heavy Duty with a reinforced fabric, intercom valve system, large flow self-bailers and a sturdy long-shaft transom.



### **CAPACITY**

. Maximum number of persons (ISO6185) :	13	13
. Maximum payload (ISO6185) :	1800 kg	3968 lb
. Floorboard usable area :	3,59 m²	38,6 ft²
. Buoyancy tube volume :	2,50 m³	88,3 ft³

### **DIMENSIONS**

. Overall length :	5,30 m	17' 5"
. Inside length :	3,70 m	12' 2"
. Overall width :	2,14 m	7' 0"
. Inside width :	1,04 m	3' 5"
. Weight empty (with floor) :	150 kg	331 lb
. Floor weight :	57 kg	126 lb
. Buoyancy tube diameter :	0,55 m	22"
. Folded dimensions :	Boat bag : 1,55 x 0,75 x 0,42 m³ 5' 1" x 2' 6" x 1' 5"	
	Floor bag : 1,35 x 0,67 x 0,25 m³ 4' 5" x 2' 2" x 0' 10"	

### **VALVE**

. Intercommunication inflation valve on main tube :	4
. Metal keel inflation valve :	1
. Connecting hose from main tube to lateral stabilizer :	2

### **HANDLING / LIFELINE**

. Bow handle (chromed aluminum with black coating) :	1
. Exterior lifeline (peripheral) :	1

### **SAFETY / INFLATION**

. Airtight compartments on main tube :	5
. Lateral stabilizer :	2
. Inflatable keel :	1
. Design category (EC 2013-53) :	C
. Tube air pressure :	240 mbar 3,4 PSI



### **FABRIC**

#### **CSM / Neoprene Duratane™ fabric**

. Main buoyancy tube :	black, 1670 dtx, polyester
. Lateral stabilizer / Bottom :	black, 1100 dtx, polyester
. Keel buoyancy tube / Baffle :	black, 1100 dtx, polyester

FLOOR		TOWING / LIFTING		
Rigid floor				
. Floorboard (anodized aluminium) :	4	. Bow towing D-ring on patch on tube :	1+1	
. Bow floorboard (marine plywood) :	2	stainless steel with black coating		
. Stringer (anodized aluminium) :	2	. Aft towing U-bolt on transom :	1+1	
. Fixed bow thrustboard (marine plywood) :	1	stainless steel with black coating		
. Floorboard bag	1	. Lateral large lifting D-ring :	1+1	
		stainless steel with black coating		
		. Bow lifting folding padeye on thrustboard :	1+1	
		stainless steel		
		. Aft lifting U-bolt on transom :	1+1	
		stainless steel		
REINFORCEMENT		ENGINE COMPATABILITY		
. Peripheral rubbing strake, flat profile, black :	1	. Shaft length :	508 mm	L - 20"
. Large transom ovoid reinforcement :	2	. Transom thickness :	40 mm	1,57"
. Rubbing strake bow triangular profile :	1	. Recommended power :	60 HP	45 kW
. Rubbing strake underneath lateral stabilizer :	1+1	. Maximum power :	80 HP	60 kW
. Transom stainless steel protection shoe :	1	. Maximum power with 2 engines :	2 x 40 HP	2 x 30 kW
		. Maximum weight :	170 kg	375 lb
		. Maximum weight with 2 engines :	2 x 106 kg	2 x 234 lb
OTHER EQUIPMENT				
. Bellows foot pump + hose :	2			
. Repair kit (manometer included) :	1			
. Paddle (aluminum shaft, plastic blade) :	2			
. Paddle sleeve :	2			
. Storage bag :	2			
STERN TRANSOM				
. Standard self bailer :	4			
. Aluminum engine mounting plate (twin engine) :	1			
. Transom engine reinforced pad (marine plywood) :	1			
. Transom triangular deflector :	2			
. Transom batten (wood) :	1			
OPTIONAL EQUIPMENT		ACCESSORIES		
TUBE EQUIPMENT		. Overall cover (boat only / boat & engine)		
. Lettering :		. Launching roller large		
. Non-slip band :		. Trailer		
		. V towing bridle bow		
STRUCTURAL EQUIPMENT		. V towing bridle aft		
. Steering box for jockey seat		. Lifting sling		
. Stand-up console (GRP - small - 1 pax)		. Mooring kit : anchor, chain, rope		
. Jockey seat with storage (1 or 2 pax.)		. Watertight bow bag		
. Jockey seat with fuel tank (1 or 2 pax.)		. Watertight bow pouch		
. Jockey seat frame only (2 or 3 pax.)		. Deck runner kit (with black straps)		
. Bolster medium (1 pax)				
. Ribpack system		PROPULSION SYSTEM		
. Dive cylinder support (4 or 6)		. Twin engine configuration		
		. Engine (any brand or power) / rigging kit		
NAVIGATION COMMUNICATION		. Waterproof indirect bag OB engine		
. VHF / AIS / Intercom / GPS / Radar / Sounder		. Hydraulic or mechanical steering system		
. Navigation lights / Deck lights / Strobe light / Search light		. Flexible fuel tank (6 USG - 22 L)		
		. Flexible fuel tank (9 USG - 34 L)		
MISCELLANEOUS		. Flexible fuel tank (18 USG - 68 L)		
. Training (commissionning, maintenance, piloting, airdrop...)		. Rotomoulded fuel tank (23 USG - 90 L)		
		. Retaining harness for fuel tank		
		. Fuel line		
		. Complete electric system with battery(ies)		