

Heavy Duty robotic vehicle Type HOBO Art.- No.: 160020



The **HOBO L3A1** has gained a deep respect by users in a diversity of situations. As well as its role in EOD/IEDD applications, the HOBO's versatility allows it to perform equally well in any situation that may be life threatening with personal contact.

The excellent performance of Kentree's ROV's have met exacting military specifications and standards thus making HOBO a designated NATO stock item, number NSN-1385-22-115-2025.

The **HOBO** is the versatile workhorse of the Kentree range of remotely operated vehicles. Designed to be robust in many hazardous environments, it has application in an EOD /IEDD role as well as uses in the nuclear industry, firefighting, damage control, rescue and hostage situations, toxic and other hazardous waste removal. The HOBO has six independently driven wheels and along with its front and rear axle articulation give the vehicle excellent manoeuvrability where adverse conditions exist. The whole vehicle is of modular construction to assist the serviceability of the machine as well as adding flexibility to its uses. The powerful hydraulics incorporated make the handling of large objects possible and give a payload of up to 75 Kg. Vehicles can, very simply, be configured for specialist applications before deployment. Control can be either by cable up to 500m, giving the additional benefit of continuous operation, or by powerful radio link, giving a range in excess of 1 Km.

The HOBO has many unique features

- 3 Camera system
- Manipulative arm with six axis of movement - Turret rotation 220° in both directions
- Wrist rotation continuous in both directions

These features, along with the wide range of accessories available, make HOBO a versatile and reliable ally in any handling or surveillance task to be performed remotely where a hazardous environment exists.

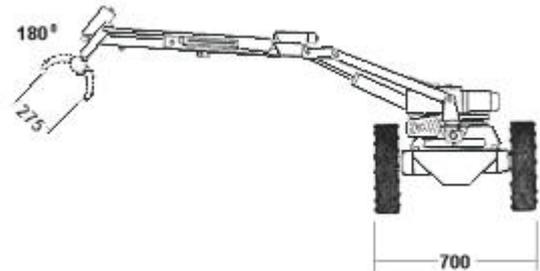
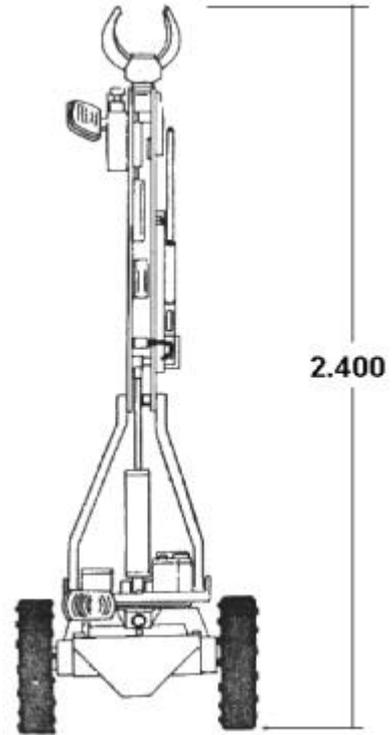
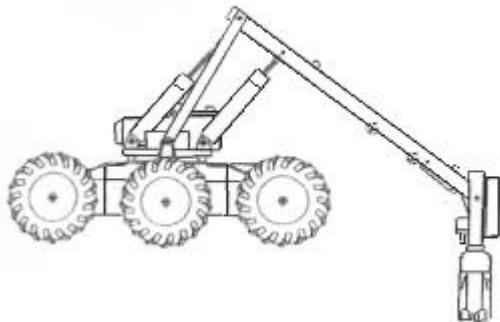
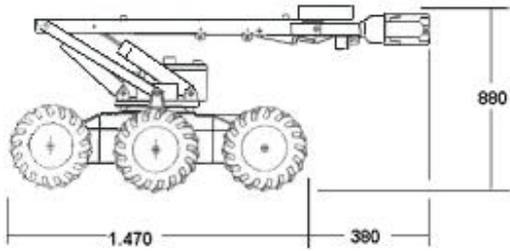
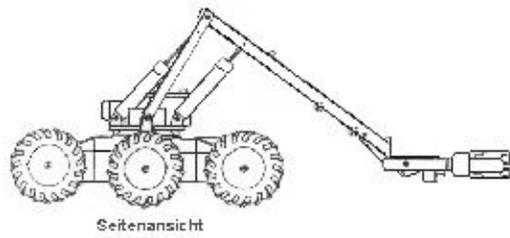
Tech. data

Weight	228 kg	Claw, Rotation	cont
Width	700 mm	Claw, vertical	120°
Length:	1.470 mm	Max. reach	2.400 mm
Drive	24 V DC	Claw jaw	275 mm
Power	220 oder 110 V AC	Grip	10 kg
Wheels	410 mm	Lifting capacity	
Tires:	4.00 x 8	Main arm, fully extended:	
Drive motors		not extended:	30 kg max
Wheels and pump	24 V DC 0,1 KW	Firing options	75 kg max.
Turret	24 V DC 0,04 KW	Cameras	24 V DC
Batteries	12 V DC 55 Ah	Elektrical conn.	2/3 CCD
Speed	3 - 4,8 km/h		ML-C 26482 (where nec.)
Turning circle	1.470 mm	Spotlight	
Gradient	45°		21 W 24 V DC
Movements		Radio	
Grade of freedom	6	Data (Standard)	
Turret	440° (± 220°)	Video: (Standard)	458 MHz
Arm, vertical	160°		1,2 GHz

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Specification subject to change without notice.

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