

MIL

SAR

R&D



KRAKA



JET BOARD

Some Fear Change
Others Drive It



The First Inflatable Jet Driven Board Ever – a Silent Helper for Any Mission



Originating from the cold and darkness of Sweden, tested in the roughest archipelago there is, we present a stealth jet board you didn't know you dreamed of.

Kraka fundamentally changes the premises for operational work in critical situations at sea, where caution, safety, and agility are crucial for the mission's success.

This is the first inflatable, light-weight electric board on the market, filling the gap where other small floating devices fail due to shape, loading capacity, draft, or noise. It has been created



based on the market's development and demand. The board is available in three sizes and with different feasible advantages: Transport, Air, and Dive.

Thanks to her unique features, Kraka is useful in most challenging real life situations, from recovery and rescue operations to river crossings, boarding and other stealth mode missions. She is quickly inflated and easily assembled, and she can be smoothly launched from land, helicopters, submarines and other vessels.

Kraka will take you and your load safely over difficult and shallow waters, closer to any shore or other ship than ever possible before. The board is totally silent and often almost invisible, difficult to detect by radar.

Kraka will also simplify many regular assignments, such as basic SAR training or retrieving things from inaccessible bays, allowing the crew to carry out their work in new, more efficient ways.



Ready
Set
Go!

Unpacking, attaching the engine and inflating the board is possible within minutes. When mission is completed, it is just as easy and smooth to deflate and pack the board again, ready for next use.



The Highest Level of Detail

Materials

The board is made of lightweight composite and inflatable materials, essential for achieving usability and speed. The construction is built to last. The board can be delivered in different colors (Black, Military Grey, Light Grey, Army Green and SOLAS Orange).



Motor

Kraka was essentially developed with one key factor in mind: engine reliability. The 11 kW brushless electric motor amply delivers the torque needed to carry two (2) people at speeds up to 20 knots. A precision-machined impeller and housing parts ensure maximized efficiency. Watertight seals, together with the water the board rides on, eliminates the need for any internal coolants, minimizing maintenance.

Battery Pack

The exchangeable battery pack, consisting of high quality lithium ion cell battery, is designed to meet the demanding requirements in critical situations. It delivers 30–60 minutes of riding, depending on speed, load etcetera.

Usability

Based on user feedback, Kraka is designed to facilitate maximum ease-of-use, both in and out of the water. The battery pack is easily swapped by a single movement, enabling hours of riding. The throttle is ergonomically designed.



Kraka is small when deflated and packed, making it easy to carry or to handle onboard helicopters, boats etcetera. Special cargo cases are available.

Can be towed: The board has double heavy duty D-rings capable of 1,000 kilos. A towing bridle joins the two attachment points together into one, which increases the towing payload and makes it easier and quicker to use.

Safety

Kraka has multiple safety sensors throughout the system, including fundamental features such as temperature monitoring and automatic system shutdown if the board is turned upside down.

The magnetically-triggered power key (dead man's grip function) ensures Kraka can't speed off on its own, without the operator.

Options

Kraka comes with optional extra gear such as:

- Transport case
- Carrying bags
- Extra battery pack
- Spare parts for engine and jet
- Repair kit big
- Service program
- Camo solutions
- Beacon for airdrop
- Pumps
- Airdrop system
- Cacheing system
- Training programs
- Express charger



MIL



SAR



Six Reasons why MIL Need Kraka

- Silent, fast and with a good range of reach, thanks to the electric engine
- Carries equipment and personnel for stealth mode missions, difficult to detect on radar
- Safer rescue operations in dangerous, unknown or shallow waters
- Lightweight, easy to hide and carry
- Easy to charge, inflate/deflate and to use. Unpacking, attaching the engine and inflating is possible within minutes using the CO₂ auto inflation system
- Useful for transporting sensors, communication systems and ammunition from boat to shore and in crossing rivers

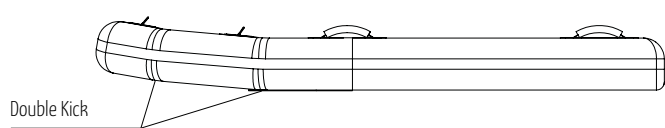
Six Reasons why SAR Need Kraka

- More efficient recovery and rescue operations
- Better stability, higher payload
- Smoother maneuvering and safer travel on shallow or unknown waters
- Lightweight and small when stowed away, easy to transport
- Easy to charge, inflate and to use. Unpacking, attaching the engine and inflating is possible within minutes using the CO₂ auto inflation system
- Quickly deflated and packed, made ready to use again

250 Payload Sled

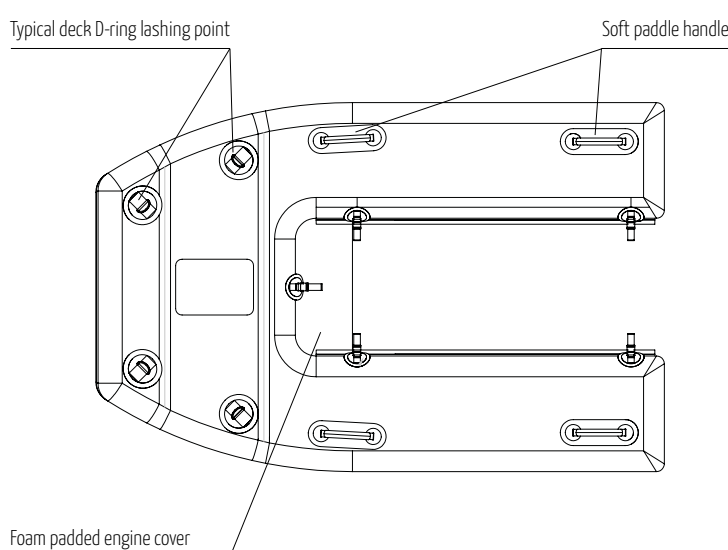
DS POWERED SLED GENERAL ASSEMBLY

SIDE VIEW



Double Kick

PLAN VIEW

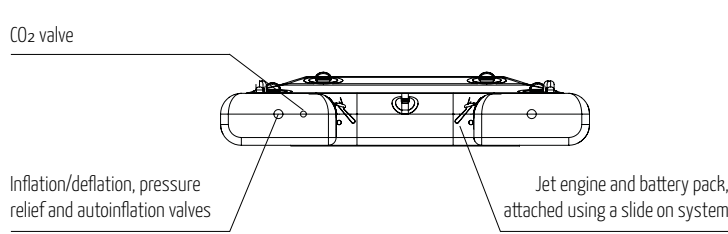


Typical deck D-ring lashing point

Soft paddle handle

Foam padded engine cover

REAR VIEW



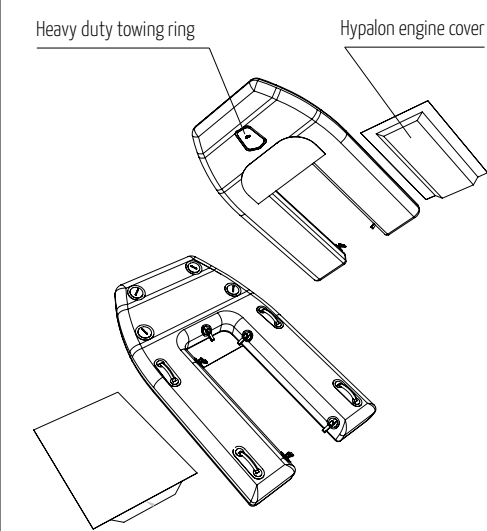
CO₂ valve

Inflation/deflation, pressure relief and autoinflation valves

Jet engine and battery pack, attached using a slide on system

This product is customizable and different options are available.

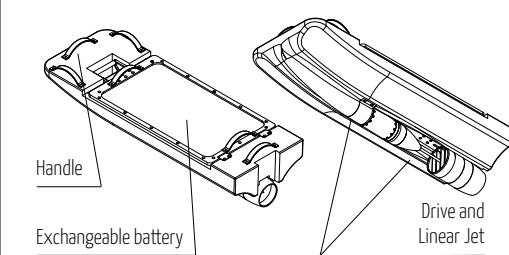
TOP & BOTTOM VIEWS



Heavy duty towing ring

Hypalon engine cover

JET ENGINE AND BATTERY PACK



Handle

Exchangeable battery

Drive and Linear Jet

AVAILABLE SIZES WITH AND WITHOUT ENGINE PACK:

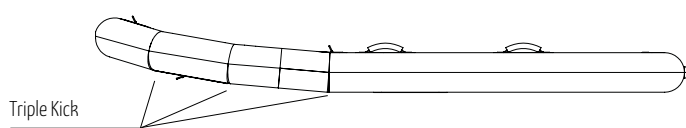
250 PAYLOAD SLED WITH ENGINE PACK

250 PAYLOAD SLED WITHOUT ENGINE PACK FOR TOWING PURPOSES

400 Payload Sled

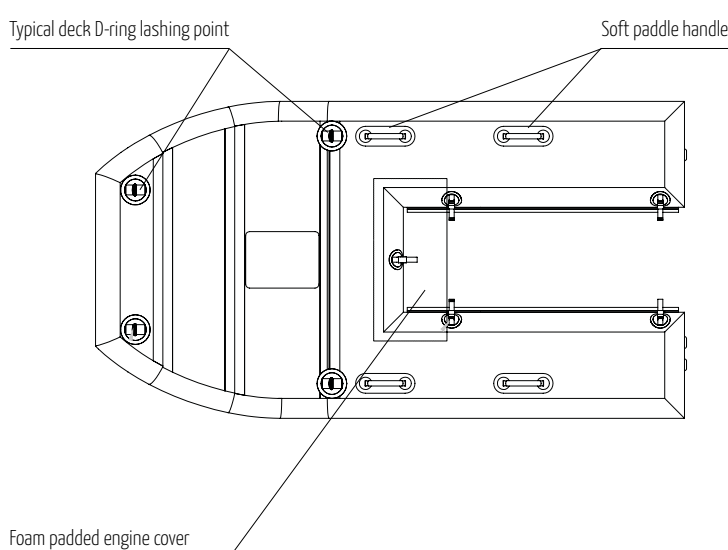
DS POWERED SLED GENERAL ASSEMBLY

SIDE VIEW



Triple Kick

PLAN VIEW

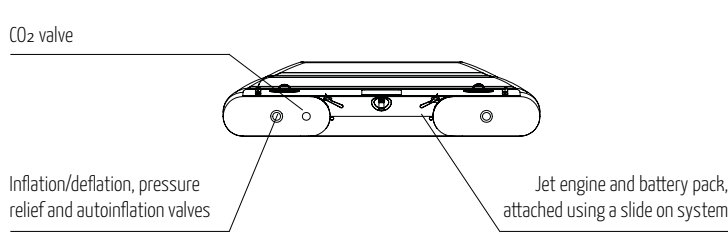


Typical deck D-ring lashing point

Soft paddle handle

Foam padded engine cover

REAR VIEW



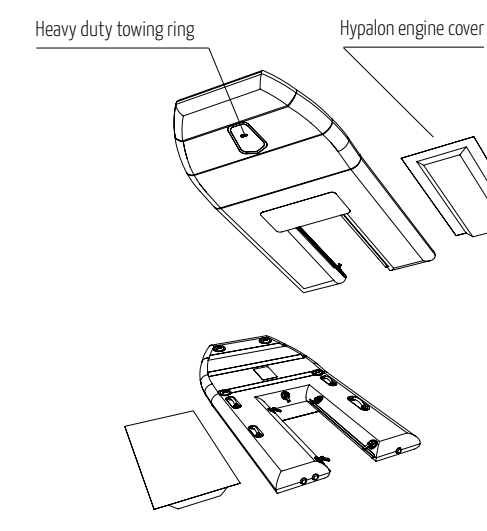
CO₂ valve

Inflation/deflation, pressure relief and autoinflation valves

Jet engine and battery pack, attached using a slide on system

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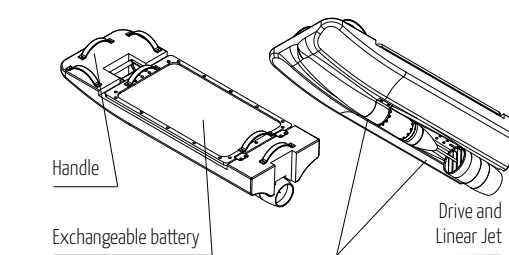
TOP & BOTTOM VIEWS



Heavy duty towing ring

Hypalon engine cover

JET ENGINE AND BATTERY PACK



Handle

Exchangeable battery

Drive and Linear Jet

AVAILABLE SIZES WITH AND WITHOUT ENGINE PACK:

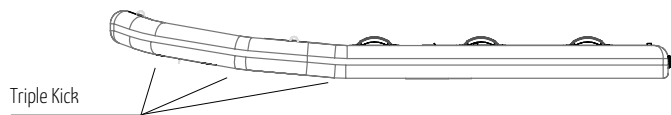
400 PAYLOAD SLED WITH ENGINE PACK

400 PAYLOAD SLED WITHOUT ENGINE PACK FOR TOWING PURPOSES

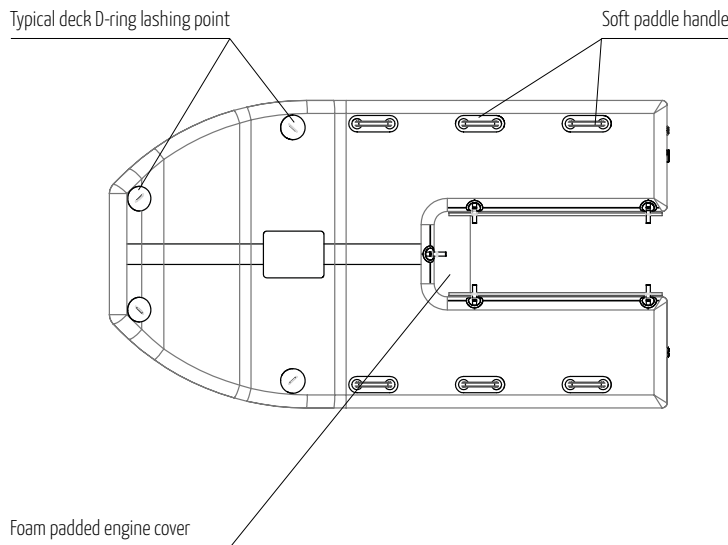
600 Payload Sled

DS POWERED SLED GENERAL ASSEMBLY

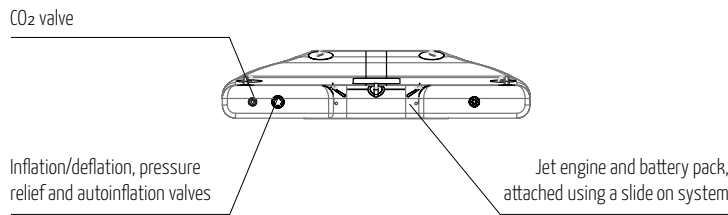
SIDE VIEW



PLAN VIEW

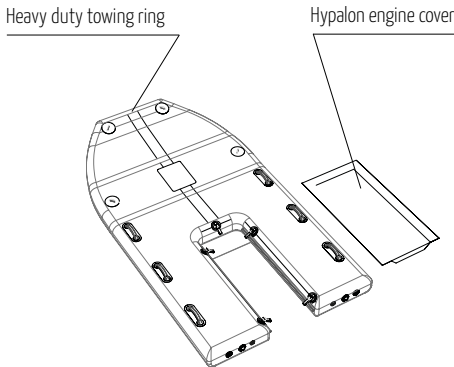


REAR VIEW

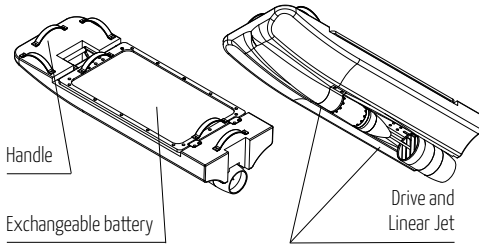


This product is customizable and different options are available.

TOP & BOTTOM VIEWS



JET ENGINE AND BATTERY PACK



AVAILABLE SIZES
WITH AND WITHOUT
ENGINE PACK:

**600 PAYLOAD SLED
WITH ENGINE PACK**

**600 PAYLOAD SLED
WITHOUT ENGINE
PACK FOR TOWING
PURPOSES**

Simple, Safe and Reliable

MIL



	KRAKA MIL 250	KRAKA MIL 400	KRAKA MIL 600
TARGET SPEED:	20 knots	15 knots	12 knots
LOA:	2200 mm	3000 mm	3400 mm
WIDTH:	1220 mm	1400 mm	1600 mm
DRAFT:	250 mm	300 mm	300 mm
RUNTIME:	30-60 min	30-60 min	30-60 min
EXCHANGEABLE BATTERY:	Yes	Yes	Yes
CHARGE TIME:	80 min/60 min	80 min/60 min	80 min/60 min
APP SERVICE PROGRAM:	Yes / No	Yes / No	Yes / No
PAYLOAD:	250 kg	400 kg	600 kg
WATERPROOF DEEPHT:	2 meters	2 meters	2 meters
MODIFICATION*:	T A D	T A D	T A D

* Kraka MIL is available with the modifications T (Transport), A (Air) by the end of 2019, and D (Dive) during 2020.

SAR



	KRAKA SAR 250	KRAKA SAR 400	KRAKA SAR 600
TARGET SPEED:	20 knots	15 knots	12 knots
LOA:	2200 mm	3000 mm	3400 mm
WIDTH:	1220 mm	1400 mm	1600 mm
DRAFT:	250 mm	300 mm	300 mm
RUNTIME:	30-60 min	30-60 min	30-60 min
EXCHANGEABLE BATTERY:	Yes	Yes	Yes
CHARGE TIME:	80 min/60 min	80 min/60 min	80 min/60 min
APP SERVICE PROGRAM:	Yes / No	Yes / No	Yes / No
PAYLOAD:	250 kg	400 kg	600 kg
WATERPROOF DEEPHT:	2 meters	2 meters	2 meters
MODIFICATION*:	T A	T A	T A

* Kraka SAR is available with the modifications T (Transport), and A (Air) by the end of 2019.

KRAKA



JET BOARD

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An Unrivaled User Experience



Kraka is the very first board of its kind, developed to present an unrivaled user experience. The technology combines sophisticated, hydrodynamic board design from Henshaw, UK, with a high-end Nordic electrical engine from Awake, manufactured in our state-of-the-art production facility in Malmö, Sweden. The board is designed with the highest level of detail, ensuring top quality from a life cycle perspective, qualified for real life situations when it comes to both capacity and reliability. International support is provided through local partners.

www.krakaboard.com