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## Heliskid

Heliskid is an all-new combined maneuvering tool for helicopters used for forest fire work. It is a compact and versatile fire extinguishing kit that can be transported by ground or air for easier direct attack water line maneuvers in remote areas that cannot be accessed with today's extinguishing systems using trucks or pick-ups with standard kits.



### Why?

Because of their speed and flexibility, pick up vehicles offer immense forest fire-fighting possibilities. The disadvantage with respect to larger trucks is, above all the load capacity limitations as these types of variable load vehicles can only carry 450-600 liters (depending on the tank) with a traditional extinguishing kit.

With the small size and low weight of the Heliskid, these types of light vehicles can be equipped with high-performing water capacity and motor pump features as a kit can be deployed with 3,000 liters and a high-performing motor pump. The tank is unique in that it can be supplied using aerial resources, thereby considerably reducing the time needed by standard trucks which use other trucks to load their water tanks.

### Functions

The Heliskid can be helitransported to remoted areas trucks and pick-ups can't reach. This means a water tank can be made available right at a strategic location for extinguishing. The purpose is to quickly deploy the structure/tank wherever needed to be filled with water from a helicopter in inaccessible areas and pressure-feed the water from the tank through the motor pump and hoses.

> Folded



> Unfolded



## Components

- > Aluminum structure. Bears loads of up to 3,000 liters of water.
- > Upper aluminum grid. Can load tools and/or 4 hose-carrying bags without preventing the Heliskid from being helitransported.
- > 4 telescopic legs.
- > A deployable canvas tank with a capacity for 3,000 liters.
- > A 4-phase motor pump with a four-stroke engine.
- > Independent fuel tank.

## Engine + pump

Model	Wick 4200	Wick 4200	Wick 4200
Power	13 cv	18 cv	23 cv
Pressure 10 bar	240 l/min.	355 l/min.	363 l/min.
Pressure 20 bar	85 l/min.	215 l/min.	240 l/min.
Pressure 25 bar	22 l/min.	140 l/min.	170 l/min.



## PickUp adaptability

The kit dimensions are adjusted for adaptation to most pickups such as the double-cab Nissan Navara. It occupies all of the back of the vehicle for more volume capacity as a water tank.



## Specifications

Telescopic structure with fast system to support Heliskid on the floor.

It can carry 3 to 4 vft Hose Pack with 240-320 m. hose.

Foldable 3000 l. water tank and structure.

Engine + pump to choose (13-23 CV).

12 l. fuel tank.

4 lifting points for helitransport.

Recommended personnel for assembly and use: minimum 2 people.

Empty weight: 350 kg. / Filled weight 3350 kg.

# Use instructions

## 1. Transport

Easily transported in pick-ups because of the small size and low weight.



## 2. Loading and unloading

4 telescopic legs to raise the Heliskid to load/unload it from the vehicle.



## 3. Helitransportable

Because of the low weight (350 kg) and 4 upper anchoring points, the Heliskid may be transported to difficult-to-access areas via helicopter.



## 4. Stabilization

The 4 independent telescopic legs can stabilize and level the Heliskid on any ground. Plus, it's equipped with a level indicator for better accuracy.



## 5. Water tank assembly

A light structure for easy water tank deployment and assembly. Tank connection to the pump via a suction hose.



## 6. Filling

The tank can be filled from the helicopter or through suction from a hydrant, river, lake, truck, etc.



## 7. Use

A 45 mm connector output enables split coupling for two 25 mm hoses.





