

# JB MiniLauncher™

## Launcher 6-8kg UAV's



## JB MiniLauncher™ – reducing the failure launching

### Lightweight UAV Launcher

Designed as an easy-to-rig and easy-to-use solution, this launcher originates from the “launch by hand” concept, adapted for UAVs where hand launching can be unreliable.

Many lightweight UAVs are designed to be hand-launched, but in practice this can lead to failures caused by awkward launch positions, tailwinds, rain, or surrounding obstacles. The launcher provides a simple and lightweight alternative that ensures consistent and safe UAV deployment.

The launch system uses compressed air supplied to a pneumatic cylinder. A rope anchored to a fixed point drives a trolley that accelerates along the launcher runway, providing a smooth and controlled launch.

A compact, battery-powered compressor charges the air reservoir, with adjustable maximum pressure to suit different UAV types and conditions.

For mobility and convenience, the entire launcher is delivered as a compact “one-kit” transport box, making it easy to carry, deploy, and store.



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- ▶ Plug & Play
- ▶ One man operation
- ▶ Reduce mis-launching
- ▶ Easy transport
- ▶ 190cm / 748inch
- ▶ 20kg / 44lb



## Transport kit:



## About JB OKT Defence

A defence technology company specializing in advanced launch and support systems for unmanned aerial vehicles (UAVs) and other mission-critical equipment.

OKT – **O**perational support, **K**nowledge, **T**rust

## About JB Group

JB Group is a multidisciplinary supplier offering innovative and sustainable solutions tailored for the global energy industry. Office at Bryne (Stavanger) and Houston, Texas – the group provides comprehensive expertise spanning documentation, engineering, project management, electrical systems, automation, hydraulics, diesel power, and mechanical services

## Dimensions and weight

Length	190 cm / 75 inch
With	90 cm / 35,4 inch
Height	110 cm / 43,3 inch
Weight	Ca 20kg / 44lb (pound)
Transport dimensions	170 x 60 x 40 cm – 50kg / 67 x 23,6 x 15,7 inch - 100lb(pound)

## Operational data

UAV Take off speed	8 kg – @11 m/s at 10 bar 17,5lb (pound) – @11 m/s at 145psi
Working Pressure	0-10bar / 0-145psi
Operational Temperature	-20 ... 50°C / -4 ... 122°F
Climate contitions	No restrictions within the temperature range

## Other specifications

Main Structure	Aluminum and Stainless Steel
Rig up Time	10 minutes
Time for second launch	3-5 minutes



## Welcome to JB Group

Innovative and sustainable solutions for the global energy industry

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[www.jboktdefence.com](http://www.jboktdefence.com)

4344 Bryne, Norway  
PHONE +47 81 57 08 88  
E-MAIL [jbokt@jbgroup.no](mailto:jbokt@jbgroup.no)

Houston, Texas 77064 US  
PHONE +1 (254) 277 3121  
E-MAIL [jbokt@jbgroup.no](mailto:jbokt@jbgroup.no)

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