

# TRULAUNCH

## PNEUMATIC LAUNCHING SYSTEM



*Lightweight*



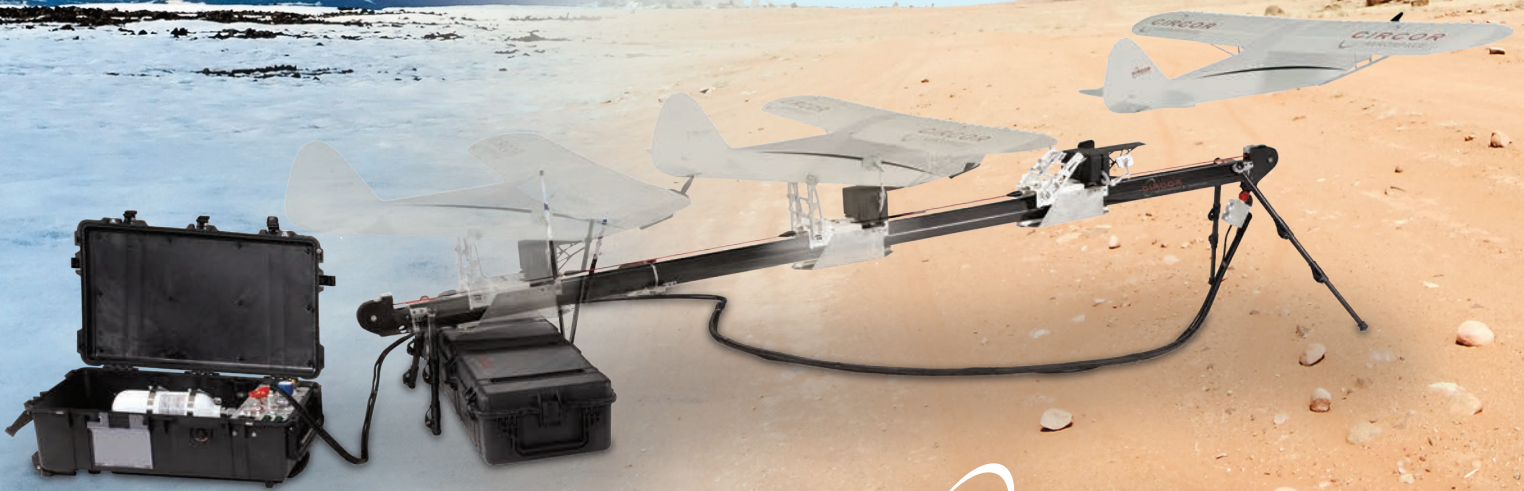
*Transportable*



*Easy to Assemble*

Introducing TruLaunch. A self-contained, high pressure **Pneumatic** rail launcher designed for **multiple launches and multiple UAS configurations**. Allows the operator to precisely tune the launch parameters for particular UAS specs. Set up in under 10 minutes by a single operator. The durable carbon fiber design assures **ease of transport in any field application**.

Contact us today at [TruLaunch@circor.com](mailto:TruLaunch@circor.com).



**CIRCOR**  
AEROSPACE & DEFENSE

# TRULAUNCH

PNEUMATIC LAUNCHING SYSTEM

## Specifications:

Initial Set Up Time. . . . . < 10 min  
Adjustable Launch Angle. . . . . 0 – 20 deg.  
Operating Temp . . . . . -40° F to +135° F  
Launch Velocity. . . . . 25 m/s  
Launches Per Charge . . . . . >50  
Launcher Weight. . . . . < 50 Lbs  
Launcher Transport Weight . . . . . < 100 lbs  
Maximum UAV Weight . . . . . < 60 Lbs  
Launcher Recovery Time. . . . . < 1 min

## Key Features:

- > High Pressure Pneumatics
- > Multiple Launches per Charge
- > Light Weight Carbon Fiber Construction
- > No External Power Requirements
- > No Electronics
- > Ease of Transport
- > Multiple Safety Control Interlocks
- > Unlimited Launch Capability
- > Adjustable Launch Velocity

## Dimensions:

### Stowed: Case #1

- > Length: 147 cm / 52 in
- > Width: 48 cm / 19 in
- > Height: 28 cm / 11 in

### Stowed: Case #2

- > Length: 79 cm / 31 in
- > Width: 48 cm / 19 in
- > Height: 28 cm / 11 in

### Deployed:

- > Length: 4 m / 13 ft
- > Width: 1.8 m / 6 ft MAX
- > Height: 1.8 m / 6 ft MAX

