



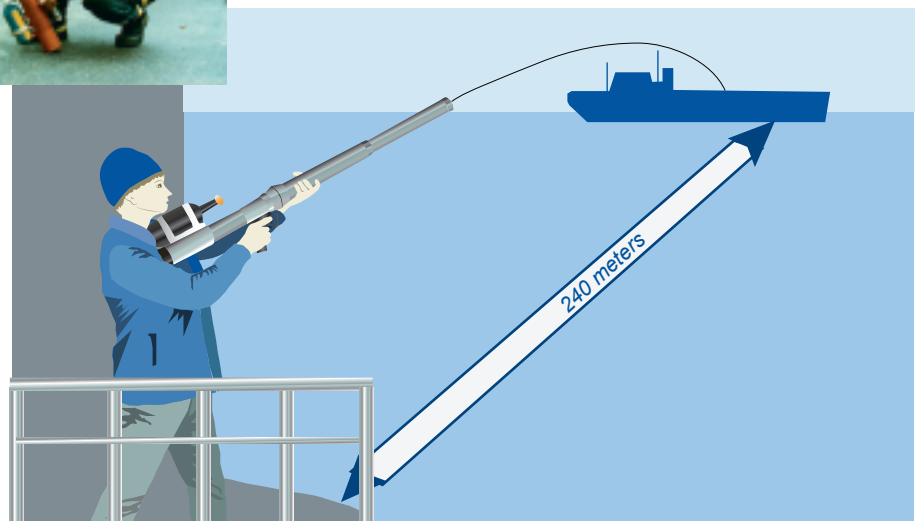
**ISTA' LLC**

**25 YEARS OF COLLABORATION WITH THE  
HIGHEST RESCUE AND NAVY PROFESSIONALS**



**When a life**

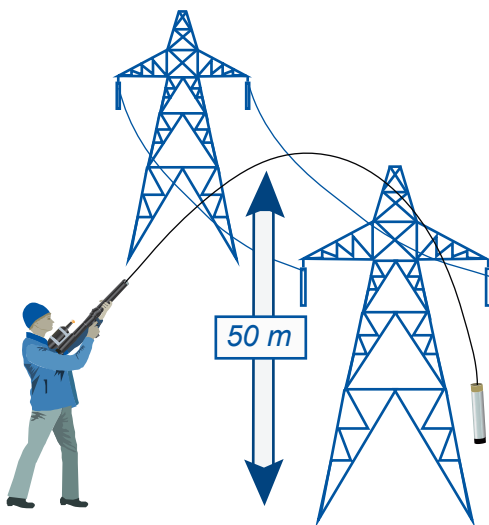
**is only on the line...**



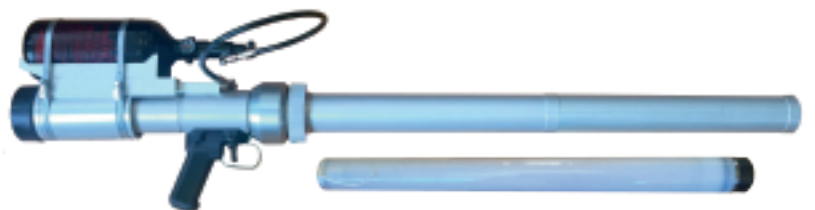
**pneumatic launcher Orderly-2**



**linethrower OWL-2**



**linethrower ISTA-150**



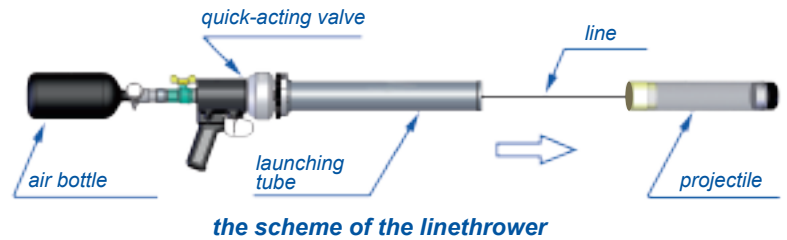
**linethrower ISTA-240**

**Rescue equipment of ISTA LLC**

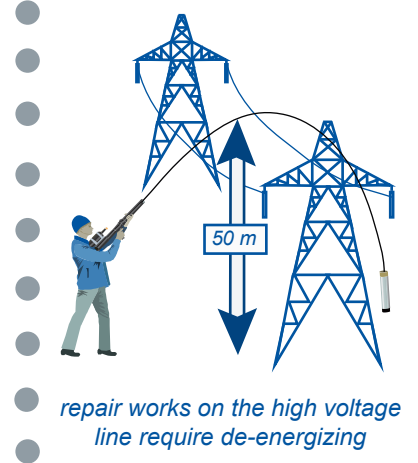
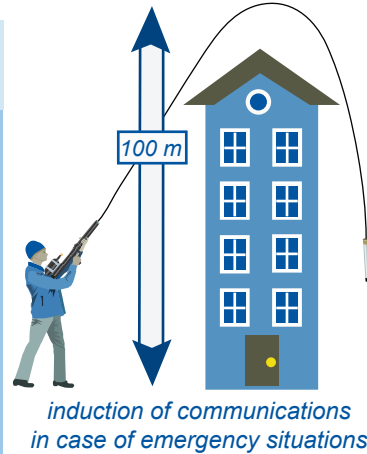
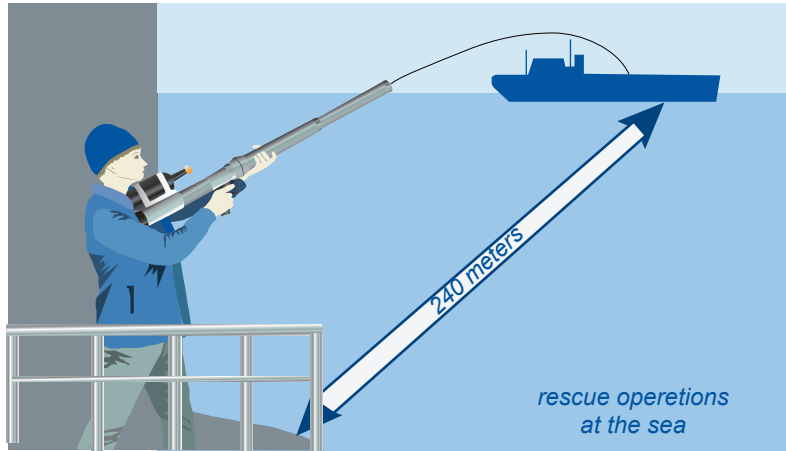
[www.ista-pneumatics.ru](http://www.ista-pneumatics.ru)

# The principle of an effective work of linethrower developed by ISTA LLC

ISTA LLC has invented and patented **quick-acting pneumatic valve** in Russia, USA and Germany, based on SVT<sup>®</sup> echnology (speed valve technology), which is more effective than other turns the energy of the compressed air into the impulse



## Situations in which you can not do without linethrower



## ADVANTAGES OF PNEUMATIC LINETROWERS ISTA

- *Linethrowers do not require special storage conditions, transport, registration*
- *Low operating costs*
- *One kit for 10 years*

**No gunpowder!**  
Consumable is compressed air only. It allows to coach your staff without limitation starts

There is no principle of one launch one rocket.

All components are reusable.

- *Work safety*

The line is placed inside the container and unwound when you launch it. The empty plastic container (projectile) came up to the goal

**The safety catch eliminates unauthorized launch**

- *Casting line precision*

Projectile residual dynamics pulls the line along the flight path, even with a strong side wind.

**Recoil damping sistem provides a comfortable launch from the shoulder**

- *Useability*

Line and projectile have a positive bouyancy. Line is easy to wash and dry after a launch. And it is ready for reuse!

**Rapid charging line projectile carried by a special device supplied**

*There is no company expt ISTA that produce pneumatic linethrowers for occupational salvation in the countries of the Customs Union*

Compressed air bottle filling with a portable compressor.

The ISTA's linethrowers passed all stages of type approval in cooperation with Russian Maritime Register of Shipping.

Each device has a serial number of inspections carried out by Russian Maritime Register of Shipping.



## Pneumatic linethrowers OWL - 2 and ISTA-150

OWL-2 - line throwing distance is 100m



ISTA-150 - line throwing distance is 150m



**APPLICATION:** Carrying out communications through the rivers and canals, from the building to building, through the high-voltage lines, rescue operations on the water, on the ice...

The kit includes:

- pneumatic launcher
- reduction valve and pressure gauge
- 2 projectiles (100 и 150m)
- connector for charging the air bottle
- pneumatic line packer
- carrying case
- operation manual



Characteristics	Owl-2	ISTA-150
Lenght, mm	890	1125
Weight, kG	3,6	4,1
Line throwing distance, m	100	150
Breaking streangth, kN	2,2	
Number of shots before refilling	15	5
Operating pressure in the air bottle, MPa	20,7	
Capacity of the air bottle, L	0,77	

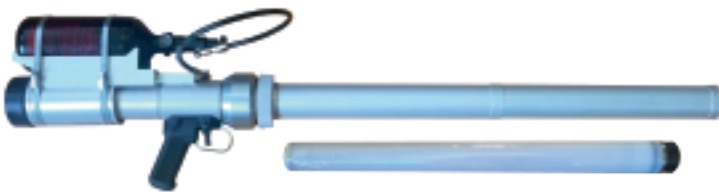
## Pneumatic launcher Orderly-2



**APPLICATUION:** throwing ISTA's type syringes for animal remote vaccination.

Lenght, mm	815
Weight, kG	2,7
Syringe throwing distance, m	30
Syringe volume, ml	till 6,5
Flow diameter of the barrel, mm	21
Operating pressure in the air bottle, MPa	20,7
Number of shots before refilling	>50

## Pneumatic linethrowers ISTA-240



**Line thrower ISTA-240** is the only pneumatic launcher SOLAS approved on the market allowing for comfortable launch from the shoulder

- Each air bottle is marked with the date of the nearest calibration (Usually from 5 years after manufacturing)

Each "Dyneema" fabric line consignment has the RS Certificate 6.5.30

Lenght, mm	1185
Weight, kG	7,6
Line throwing distance, m	240
Breaking streangth, kN	2,2
Number of shots before refilling	4
Operating pressure in the air bottle, MPa	20,7
Capacity of the air bottle, L	0,77

Register of Shipping certificate 13.03460.314

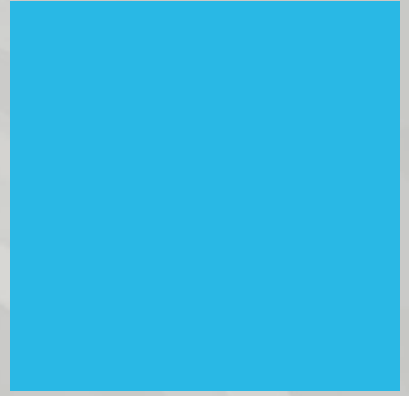
The kit includes:

Each kit has an individual RS Certificate 6.5.30



- pneumatic launcher
- reduction valve and pressure gauge
- 4 projectiles (260m)
- connector for charging the air bottle
- pneumatic line packer
- carrying case
- operation manual
- RS certificate





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