



Vibrating
Ice Scraper

Rescue Launcher



SilverB

Sketch Model Review

40,000 Coast Guard search and rescue cases per year



1800 coast guard boats
280 navy ships
500 cruise ships

6200 beaches

10000 rescue teams



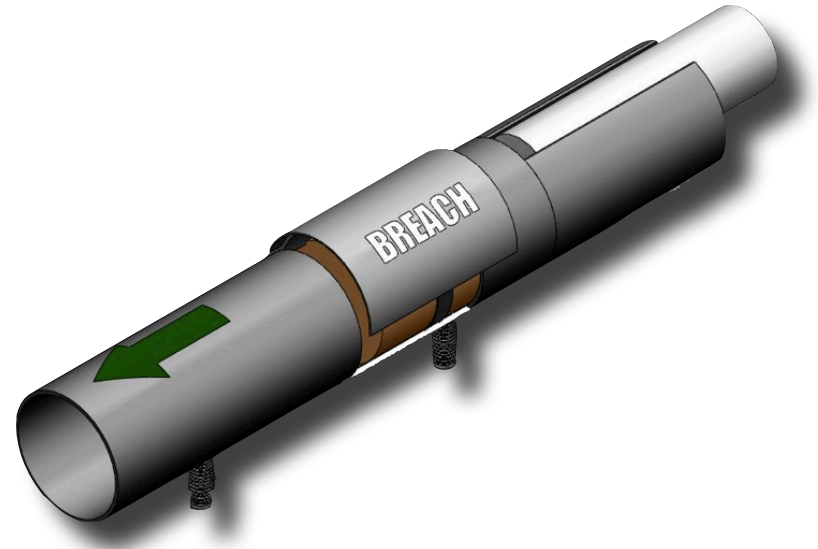
SilverB

customer needs and market research

features:

line retrieval system
variable range
projectile versatility
quick-change CO₂ canisters
700 m range

4.5' long cannon
4" diameter projectile
15 lbs



Launching Systems:

Mechanical (spring or elastic)

power ●
reload ●
consistency ● ●



Combustion

power ● ●
reload ● ● ●
consistency ●



Compressed gas

power ● ● ●
reload ● ● ●
consistency ● ● ●



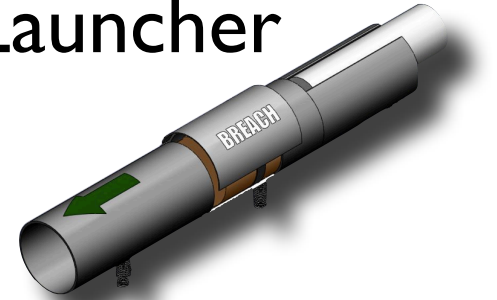
ResQmax



ResQ Disc



Rescue Launcher



range	122 m	30 m	700 m
size and weight	2.5' long, mid-weight	1.5' diameter disk, 3 lbs	4.5' long, 15 lbs
launch mechanism	compressed air need scuba tank or air compressor	human-powered	compressed CO ₂ 5 lb canister at 1800 psi
projectile options	inflatable sling floatable line phosphorescent grappling hook	floatable disk line	inflatable sling floatable line marker buoy search light
shots per reload	multiple	1	2
features	folding stock shoulder-mounted launching safety	very portable quick to deploy	line retrieval projectile versatility shoulder mounted variable shot length
cost	\$2330	\$35	\$1000

Results

80ft@80psi

Coiled rope in barrel best

Valve leakage a concern

Projectile seal accuracy important

Future

Quick-change CO2

Pressure regulator

Inclinometer





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