TECHNICAL SPECIFICATIONS

ALM Launcher Part # 540		
Specification	Measurement	
Length (Folding Stock Closed)	16.8 in	42.5 cm
Length (Folding Stock Open)	28.7 in	72.9 cm
Height (Folding Stock Closed)	13.2 in	21.6 cm
Height (Folding Stock Open)	8.5 in	33.5 cm
Barrel Width	3.9 in	9.9 cm
Weight	4.4 lbs	2.0 kg
Launcher Housing	Aluminum	
Color	Black	
Shape	Irregular	
Internal Mechanism	Stainless Steel	

Filler Hose Assembly Part # 911-S; 912-S; 913-S		
Specification	Measurement	
Overall Length	42.8 in	108.6 cm
Hose Diameter	0.5 in	1.3 cm
Total Weight	2.2 lbs	1.0 kg
Overall Service Rating	5,000 psi	345 bar
Hose Material	Nylon and Aramid Fiber	
Hose Finish	Black Urethane	
Filler Block Material	6061-T6 Aluminum	
Filler Block Finish	Black Anodized	
Bleed Screw	Stainless Steel and Nylon	
Adapters (DIN, SCBA, SCUBA)	Stainless Steel	

Projectiles

Part #	Part Description	Length		Diameter		Weight		Service Pressure		Cover Material	Cover Color
		in	cm	in	cm	lbs	kg	psi	bar		
300-S	Standard Projectile	13.40	34.03	2.38	6.03	1.8	0.8	3,000	207	Polyethylene	Black
305-S 306-S	Training Projectile	13.72	34.85	2.28	5.79	1.9	0.9	3,000	207	High-Density Urethane	Red or Luminescent
310-S	HP Projectile	17.0	43.1	2.375	6.03	1.8	0.8	4,500	310	n/a	n/a

Projectiles Cylinders material: 6160-T6 Al with black powder-coat finish. Nozzle Assembly material: Stainless Steel.
Nozzle Protectors material: Glass-Filled Urethane. Color: Black

Grappling Hook

Part #	Material	Length		Width		Minimum Break Load		Weight	
		in	cm	in	cm	lbs	kg	lbs	kg
750	6AL-4V Grade 5 Titanium	12.0	30.5	Irregular		2,200	1,000	1.5	0.7

Safe working load: 730 lbs / 330 kg. Grappling Hook Nose Cone material: Glass-Filled Urethane.

Tactical Ladder Options

Part #	Material	Length		Width		Minimum Break Load		Weight per Length	
		ft	m	in	cm	lbs	kg	lbs	kgs
744	Nylon with Fiberglass Rungs	50	15	6.0	15.2	4,800	2,180	5.8	2.6
746	Nylon with Fiberglass Rungs	65	20	6.0	15.2	4,800	2,180	7.4	3.4

Safe working load: 730 lbs / 330 kgs. Fiberglass Rungs are covered with non-slip Neoprene jacket.
Line Containers material: Polyethylene with Stainless Steel hinges. Shape: Irregular. Color: Black.
Compact Line Container Weight: 1.8 lbs / 0.8 kg. Large Line Container Weight: 2.9 lbs / 1.3 kg.

Rope Options

Part #	Material	Diam.	Color	Minimum Break Load		Weight per Length		Length	
		mm		lbs	kg	lbs	kg	ft	m
801	HMPE & Nylon	7	Black	5,780	2622	4.3	2.0	165	50
802	HMPE & Nylon	5.5	Black	3,200	1,194	5.2	2.6	330	100
803L	Spectra	4	White	1,500	680	3.5	1.6	1,000	304
815	Nylon	8.4	Black	3,442	1,565	7.7	3.5	230	70
817	Nylon	11	Black	6,744	3,059	8.3	3.8	165	50

Line Containers material: Polyethylene with Stainless Steel hinges. Shape: Irregular. Color: Black.
Compact Line Container Weight: 1.8 lbs / 0.8 kg. Large Line Container Weight: 2.9 lbs / 1.3 kg.

Bags and Cases

Part #	Part Description	Length		Width		Height		Weight	
		in	cm	in	cm	in	cm	lbs	kg
908	Kit Bag	28.0	70.0	14.0	35.0	16.0	41.0	2.3	1.0

Kit Bag material: 1,000-Denier Cordura, waterproof Vinyl, and Nylon. Color: Black with reflective markings.

908	Pelican Case - Small	31.59	80.2	20.47	52.0	12.45	31.6	29.3	13.3
909	Pelican Case - Large	31.59	80.2	22.99	58.4	19.48	49.5	37.7	17.1

Pelican Cases material: Copolymer with Black finish.

**Please Note: All values are displayed as maximum, external measurements.*

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