

Technical Specifications - ALM

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	2.375	6.03	1.8	0.8	3,000	204	Polyethylene	Black
305-S	Training Projectile	13.72	34.85	2.28	5.79	1.9	0.9	3,000	204	High Density Urethane	Red or Florescent
306-S											
310-S	HP Projectile	17.0	43.1	2.375	6.03	1.8	0.8	4,500	300	n/a	n/a

Projectiles are made of Aluminum and have a black powder-coat finish. Nozzles are Stainless Steel.
Nozzle Protectors are black glass-filled nylon.

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

Safe working load is 730 lbs / 330kg. Grappling Hook Nose Cone is made of Glass Filled Nylon.

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 is 730 lbs / 332 kgs. Fiberglass Rungs covered with non-slip Neoprene and are spaced at 12in / 30.5cm
Line Containers are irregularly shaped and made of polyethylene with a black finish. Hinges are
Stainless Steel. Compact Line Container Weight: 1.8lbs / 0.8 kg Large Line Container Weight: 2.9lbs / 1.3kg

Rope Options									
Part #	Material	Diam.	Color	Minimum Break Load		Weight per Length		Length	
				lbs	kg	lbs	kgs	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 are irregularly shaped and made of polyethylene with a black finish. Hinges are
Stainless Steel. Compact Line Container Weight: 1.8lbs / 0.8 kg Large Line Container Weight: 2.9lbs / 1.3kg

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
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

Cases are made of Copolymer with Black finish. Small Pelican Case will hold a maximum of 2 Compact Line Containers.
Large Pelican Case will hold a maximum of 2 Large Line Containers or 1 Large and 2 Small Line Containers.

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



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