

# Launchers

Country	Producer	Designation	Max. Launch Speed kg	Max. Exit Velocity m/sec	Status	Used for
Australia	Air Affairs Australia	Launcher	100	35		Phoenix Jet target (Air Affairs Australia)
Finland	Robonic	MC01515L	20	15	In Service	Avartek T04 (Avarus, Finland)
Finland	Robonic	MC2055L	30-500	20-55	In Service	DO-DT35 (EADS, Germany)
Finland	Robonic	MC2555L	30-500	20-55		
Finland	Robonic	MC2555LLR	30-500	20-55	In Service	DO-DT35 (EADS, Germany)
Finland	Robonic	MC3545H			In Service	Ranger (RUAG Aerospace) In service in Finland
Israel	HEC		500		Market Ready	
Norway	OKT Norge	Norge 10/15	115	42	In Service	Armed Forces Norway EADS, France INTA, Spain
Spain	ARIES	RO-01	300	36	Market Ready	
Spain	ARIES	RO-02	120	25	Market Ready	
Spain	ARIES	NIHEL	400	40	In Service	Ranger (RUAG Aerospace)
Switzerland	RUAG Aerospace	Archer	320	33		
UAE	Advanced Target Sytems		150	45	In Service	In Service in 27 countries for
UK	Frazer-Nash Defence Systems		120	40		
UK	Meggitt Defence Systems	MDS Mk4	130	27		
UK	Tasuma	A3 Observer	50	20-35	Market Ready	
UK	Tasuma	LTL 1	88	27	Market Ready	
UK	Tasuma	TLM 3 Ultima	20	16	In Service	Ultima target Belgian Army
UK	Tasuma	TML 2	7,5	11	Market Ready	
UK	Tasuma	TML 3	15	16	Market Ready	
UK	Tasuma	TML 4	18-35	20	Market Ready	
UK	Universal Target Systems	UTSL Launcher			Market Ready	In use for UTS targets
USA	Continental RPVs	Launcher 3000/5000	91	38	Market Ready	
USA	Esco- Zodiac	HP - 3000	226	38	In Service	Phoenix (BAE systems, UK)
USA	Esco- Zodiac	HP - 33				
USA	Esco- Zodiac	HP-3401				
USA	Esco- Zodiac	HP-3407/3501/3502	453	41	In Service	ScanEagle
USA	Insitu Group	SuperWedgeLauncher	20	27		
USA	L-3 BAI Aerosystems	L-3 BAI Launcher	43		In Service	



MC255LLR Launcher (ready to launch & transport configuration) Robonic, Finland



Finnish Defence Forces' Ranger Launcher, Robonic, Finland



Shadow 200 Leaving Launcher, AAI Corp., USA



Vulture II on Launcher, ATE, South Africa



Fulmar on Launcher, AeroVision, Spain



Phoenix on Launcher (*in the Balkans*), BAE Systems, UK



Ranger Launcher, RUAG Aerospace, Switzerland



Sperwer on Launcher (*in Afghanistan*), Sagem DS, France



KZO Canister Launcher, Rheinmetall Defence Electronics, Germany



Hermes 450 (*Elbit Systems, Israel*) on Launcher, Robonics, Finland



ScanEagle on Wedge Launcher (*in Iraq*)  
Insitu & Boeing, USA



LUNA on Launcher (*in Afghanistan*), EMT, Germany