

GROUND FORCES EQUIPMENT

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Armor

Tanks

	Crew	Combat weight/power-to-weight ratio (hp/t)	Gun	Ammunition	Max. op. range (km)	Country of origin	Notes
MBTs							
High quality							
Challenger 1	4	62/19.35	120mm L11A5	64 Shells	450 road	UK	Incorporating Choblam armor and IFCS
Al-Hussein					250 cross country		
Challenger 2	4	62.5/19.2	120mm L30	50 shells	450 road	UK	
					250 cross country		
Challenger 2E	4	62/24.2	120mm L30	50 shells	550 road	UK	
					350 cross country		
Falcon AB9C5	4		120mm CTG L50			Jordan/ South Afruca	Based on Challenger 1 chassis, IFCS, LWS, FLIR, passive armor
Khalid	4	58/20.68	120mm L11A5	64 shells		Jordan	Improved Chieftain Mk 5 with Choblam armor
Leclerc	3	54.5/27.52	120mm	40 shells	550	France	
Leopard A1/A3	4	42.4/20.75	105mm L7A3	60 shells	600 road	Germany	
					450 cross country		
M1A1	4	57.15/26.24	105mm	40 shells	465	US	The Egyptian version is fitted with a 120mm gun
M1A2	4	54.54/27	120mm	55 shells	500	US	
M60 Phoenix	4	53/22.6	120mm L50	22 shells		Jordan	IFCS, FLIR, LWS, passive armor
AB9B1							ERA, FCS, LWS
M-84-120	3	48/25	120mm	42 shells		Ukraine	

	Crew	Combat weight/power-to-weight ratio (hp/t)	Gun	Ammunition	Max. op. range (km)	Country of origin	Notes
Merkava Mk I	4	60/15	105mm	62 shells	400	Israel	
Merkava Mk II	4	61/15	105mm, 60mm mortar	62 shells	400	Israel	
Merkava Mk III	4	61/19.67	120mm MG251	50 shells	500	Israel	Knight III FCS, LWS, day/night digital targeting system Baz FCS, LWS, advanced day/night digital targeting system
Merkava Mk IV		65/23	120mm				
Sabra Mk I	4	56/17.85	120mm MG251	42 shells	450	Israel	
Sabra Mk II	4	59/20.33	120mm MG251 60mm mortar	40 shells	450	Israel	
T-72	3	44.5/18.9	125mm 2A46	45 shells 6 Svir ATGMs	480	Russia	Arena LWS
Zulfikar		40/25	125mm			Iran	FCS, Arena LWS
Medium and low quality							
AMX-30	4	37/20	105mm	47 shells	450	France	
Centurion	4	51.8/12.54	105mm	64 shells	190	UK	Upgraded version
Chieftain Mk 5	4	55/13.63	120mm L11A5	64 shells	400-500 road 200-300 cross country	UK	
Chieftain Mk 3	4	54.1/13.49	120mm	53 shells	400-500 road 200-300 cross country	UK	
Falcon AB9 C4	3		120mm L50	24 shells		Jordan	Upgraded Tariq MBT, including day/night FCS, Avimo LWS, automatic loader
M47	5	46.17/17.54	90mm	71 shells	130	US	
M47M	4	46.8/16.1	90mm	79 shells	600	US	
M48A1	4	47.173/17.17	90mm M41	60 shells	113	US	
M48A5	4	48.98/15.89	105mm M68	54 shells	500	US	
M60 A1	4	52.61/14.24	105mm M68	63 shells	500	US	

	Crew	Combat weight/power-to-weight ratio (hp/t)	Gun	Ammunition	Max. op. range (km)	Country of origin	Notes
M60 A3	4	52.61/14.24	105mm M68	63 shells	480	US	
M60 AB9 B1	4		120mm L50			Jordan	Upgraded M60, including integrated day/night IFCS, Avimo LWS
Magach-7	4	53.6/16.97	105mm M68	63 shells	480	Israel	Upgraded M60, including passive armor and FCS
OF-40 Mk 2	4	45.5/18.24	105mm	57 shells	600	Italy	
Qayd Ard	4	55/13.63	120mm L11A5	64 shells	400-500 road 200-300 cross country	Oman	Improved Chieftain Mk 5
PT-76	3	14.6/16.4	76.2mm	40 shells	400	Russia	
Shot Kal	4	51.8/12.54	105mm	72 shells	190	Israel	Upgraded Centurion
SK-105	3	17.7/18.1	105mm 105G1	41 shells	500	Austria	
T-54	4	36/14.44	100mm D-10	35 shells	510	Russia	
T-55	4	36.5/16.3	100mm D-10 T2S	43 shells	460	Russia	
T-62	4	40/14.5	115mm 2A20	40 shells	450 road 320 cross country	Russia	
Tariq	4	51.8/12.54	105mm	64 shells	190	Jordan	Upgraded Centurion
Type 59	4	36/14.44	100mm	34 shells	420-440	PRC	Chinese T-54
Type 69	4	36.5/15.9	100mm	34 shells		PRC	Chinese T-62
T-55/Type-69	3		125mm				Iraqi upgrade of T-55
Type 72Z/Safir-74		36/21.66	105mm	50 Shells		Iran	Upgrade of T-55 incorporates Fontana EFCS-3 and ERA
Vickers Mk 1	4	38.6/16.8	105mm L7	44 shells	480	UK	
Light tanks							
AMX-13	3	15/16.6	90mm	32 shells	350-400	France	There are versions with 75mm and 105mm guns
Scorpion	3	8/23.5	76mm	40 shells	750 road	UK	Alvis Scorpion reconnaissance vehicle

Armored Personnel Carriers

Type	Crew	Configuration	Combat weight / power-to-weight ratio (hp/ton)	Country of origin	Notes
Achzarit	3+7	Tracked		Israel	Based on T-55 MBT hull
ACV-AAPC	13	Tracked	12.94/23.16	Turkey	
AT-105	2+8	4x4	11.66/14.06	UK	
BMR-600	2+10	6x6	14/22	Spain	
Boragh	3+8	Tracked	13/25.4	Iran	Iranian version of BMP-1, Arena LWS, ERA
BTR-152	2+17	6x6	9/12.29	Russia	
BTR-40	2+8	4x4	5.3/15	Russia	
BTR-50	2+20	Tracked	14.2/16.9	Russia	
BTR-60PA	2+16	8x8	10/18.03	Russia	
BTR-80	3+7	8x8	13.6/19.11	Russia	
Casspir Mk 3	2+10	4x4	12.6/13.5	South Africa	Used for internal security
Dragoon	12	4x4	12.7/23.6	USA	
Engesa EE-11	13	6x6	14/18.6	Brazil	
al-Fahd	2+10	4x4	10.9/15.4	Egypt	
al-Fahd 240	2+10	4x4	10.9/22	Egypt	
FIAT OtoBreda 6614	1+10	4x4	8.5/18.82	Italy	
FUG-70/PSZH-IV	3+6	Wheeled	7.6/13.15	Hungary	
M113 A1	2+11	Tracked	11.07/19.27	US	
M113 A2	2+11	Tracked	11.25/18.51	US	
M125 A1	6	Tracked	11.26/19.09	US	
M-2 halftrack	10	Halftrack	8.89/14.39	US	
M-3 halftrack	13	Halftrack	8.89/14.39	US	
M-3 Panhard	2+10	4x4	6.1/14.75	France	
M-60P	3+10	Tracked	11/12.73	Slovenia	
MT-LB	2+11	Tracked	11.9/20.16	Russia	
Nagmachon	8	Tracked		Israel	Based on Centurion MBT chassis with reactive armor
Nagmashot	8	Tracked	55/13.64	Israel	Based on Centurion MBT hull
Nakpadon		Tracked	55/16.36	Israel	Based on Centurion MBT chassis with reactive armor
OT-62B	2+18	Tracked	15/20	Czech Republic/Poland	Czech/Polish BTR-50

OT-64C(1)	2+10	8x8		14.5/12.41	Czech Republic/Poland	
SKOT-2A						
Piranha	15	8x8		12.3/24.4	UK	GKN-Defense variant
S-600	10	4x4		12.5/17.1	UK	Used for internal security
Saracen	2+10	6x6		10.17/15.73	UK	
FV603 (C)						
Spartan	3+4	Tracked		8.17/23.25	UK	
Tactica	10	4x4		10/	UK	Used for internal security
UR-416	2+8	4x4		7.6/16.5	Germany	
VAB-VTT	2+10	4x4		13/16.92	France	
VAB-VTT	2+10	6x6		14.2/16.54	France	
VCR	3+9	6x6		7.9/18.35	France	
al-Walid	2+8	4x4		12/	Egypt	
YW-531	2+13	Tracked		12.6/25.39	PRC	

Infantry Fighting Vehicles

Type	Crew	Configuration	Combat weight/ power-to-weight ratio (hp/ton)	Armament	Country of origin
ACV-NG	3+8	Tracked	18/19.44	1x30mm Bushmaster II cannon	Turkey
ACV-AIFV	13	Tracked	13.68/21.92	1x25mm cannon	Turkey
AMX-10P	3+8	Tracked	14.5/17.93	1x20mm cannon	France
AMX-VCI	3+10	Tracked	15/16.67	1x20mm cannon	France
BMD-1	3+4	Tracked	7.5/32	1x73mm 2A28 gun 1xAT-3 (Sagger) ATGM	Russia
BMP-1	3+8	Tracked	13.5/22.22	1x73mm 2A28 gun 1xAT-3 (Sagger) ATGM	Russia
BMP-2	3+7	Tracked	14.3/20.30	1x30mm 2A42 cannon 1xAT-5 (Spandrel) or AT-4 (Spigot) ATGM	Russia
BMP-3	3+7	Tracked	18.7/26.73	1x100mm 2A70 gun 1x30mm 2A72 cannon	Russia
BTR-94 Guardian	8	8x8	16.4/19.75	1x30mm KBA-3 cannon 1x30mm AGS-17 grenade launcher AT-5 (9M113) ATGM or 1x 23mm ZU 23x2 canon	Ukraine
Boragh	3+6	Tracked	13/26.9	1x30mm cannon 5xAT-4 (9M111) / Toophan ATGM	Iran

Type	Crew	Configuration	Combat weight/ power-to-weight ratio (hp/ton)	Armament	Country of origin
Condor	2+12	4x4	12.4/13.54	1x20mm cannon	Germany
Desert Warrior	3+7	Tracked	25.7/21.4	1x25mm cannon 2xTOW ATGM launchers	UK
Engesa EE-11	3+5	6x6	14/18.6	1x90mm gun	Brazil
al-Fahd 240-30	2+10	4x4	12.5/19.2	1x30mm 2A42 cannon 1xAT-5 (Spandrel) ATGM	Egypt
Goliath AB13	3+7	Tracked	30.1/23.25	2x30mm cannon, 30mm AGS-17 grenade launcher, smoke grenade system	Jordan
M2 Bradley IFV	3+6	Tracked	22.94/20.38	1x25mm cannon 2xTOW ATGM launcher	US
M3 Bradley CFV	3+2	Tracked	22.44/20.51	1x25mm cannon 2xTOW ATGM launcher	US
Pandur	2+8	6x6	13.5/19.25	1x30mm cannon	Austria
Piranha LAV-25	3+6	8x8	12.79/21.49	1x25mm cannon	Canada
RN-94	2+11	6x6	13/18.46	1x25mm cannon	Turkey/Romania
Ratel 20	11	6x6	18.5/15.24	1x20mm cannon, upgraded with Ignwe ATGM	South Africa
Ratel 90	10	6x6	19/14.84	1x90mm gun	South Africa
Temsah AB14	2+10	Tracked	46.9/16	1x20mm M621 cannon	Jordan
V-150	3+2	4x4	9.88/20.42	1x20mm cannon	US
V-150 S	3+2	4x4	10.88/22.96	1x20mm cannon	US
V-300	3+9	6x6	14.96/18.94	25mm or 20mm cannon	US
VAB-VCI	2+10	4x4	13/16.92	1x20mm cannon	France
VAB-VCI	2+10	6x6	14.2/15.49	1x20mm cannon	France
YPR-765	3+7	Tracked	13.68/19.29	1x25mm cannon	Netherlands

Armored Reconnaissance Vehicles

Type	Crew	Configuration	Combat weight/ power-to-weight ratio (hp /ton)	Armament	Country of origin	Notes
ACV-AAOV		Tracked	12.94/23.16	MORS reconnaissance system	Turkey	Including ground-surveillance radar, FLIR, TV camera
ACV-ATV		Tracked		TOW ATGMs	Turkey	
AML-60	3	4x4	5.5/16.36	60mm mortar	France	
AML-90	3	4x4	5.5/16.36	1x90mm gun	France	
AMX-10RC	4	6x6	15.88/16.45	1x105mm gun	France	
BRDM-1	5	4x4	5.6 /16.07		Russia	

BRDM-2	4	4x4	7/20	14.5mm KPVT MG or 1x23mm cannon; 1xAT-3 (Sagger) ATGM	Russia	
EBR-75	4	8x8	13.5/14.81	1x75mm gun	France	
Engesa EE-9	3	6x6	13.4/15.82	1x90mm gun	Brazil	
FIAT OtoBreda 6616	3	4x4	8/20.2	1x20mm cannon	Italy	
Fox	3	4x4	6.12/30.04	30mm cannon	UK	
M-3 (Panhard)		4x4	6.1/14.75	HOT ATGM	France	Also listed under Armored Personnel Carriers
M901 ITV	4	Tracked	11.8/18	TOW ATGM	US	
Pandur		6x6		1x90mm LCTS Mk.8	Austria	
Piranha LAV-AG		8x8		1x90mm LCTS Mk.8	Canada	
Saladin	3	6x6	11.6/14.66		UK	
Scimitar	3	Tracked	7.8/24.5	1x30mm gun	UK	
Scorpion	3	Tracked	8/23.5	1x30mm gun	UK	formerly Light Tank upgraded by UAE and Jordan
VBC-90	3	6x6	13.5/16	1x90mm gun	France	
VCR /TH		6x6		HOT ATGM	France	

Light Armored Vehicles

Type	Crew	Configuration	Combat weight/ power- to-weight ratio (hp /ton)	Armament	Country of origin	Notes
Aigis (AB2)	6-8	4x4	5.45/42.2	Helio SWARM	UK	Reconnaissance systems
Akrep (Scorpion)	4	4x4	3.6/37		Turkey	
Cobra	11	4x4	6/31		Turkey	mast-mounted reconnaissance systems
Defender 110 AB5	8	4x4	3/45	12.7mm MG, smoke grenade launchers	Jordan	
Ferret Mk 2/6	2	4x4	4.4/29.35	2xVigilance ATGMs	UK	
Ferret Mk 2/3	3	4x4	4.4/29.51		UK	
al-Jawad (AB2)	10	4x4	6.8/	12.7mm MG	Jordan/ UK	Heilo SWARM/ GPS/ Pilar acoustic detection system, level 6 protection
M1114	4	4x4	5.5/34.6	40mm grenade launcher	USA	
Nyala RG-12	8	4x4	9.4/18		South Africa	Used for internal security
RBY	8	4x4	4/30		Israel	
RG-32	5	4x4	3.6/	various optional armament	UK	

Terrier	8	4x4	5.2/23.4	Germany	
Tiger (AB17)	8	4x4	4.55/	Jordan	
S-55	8	4x4	3.6/37.2	UK	
VBL	3	4x4	3.6/29.7	France	In Oman fitted with Mistral SAMs or TOW ATGMs

Artillery

Artillery-Guns, Howitzers and Mortars

Caliber	Designation	Type	Range (km)	Country of origin	Notes
240mm	M-240	Towed mortar	9.7	Russia	
240mm	Sariya-1	Mortar	15	Palestinian Authority	
210mm	al-Faw	SP gun	57	Iraq	With assistance from Belgium and UK
203mm	M110 A1	SP howitzer	16.8	US	
203mm	M115	Towed howitzer	16.8	US	
180mm	S-23	Towed gun	32	Russia	
175mm	M107	SP gun	32.7	US	
170mm	M-1978 (Koksan)	SP gun	40	North Korea	
160mm	M-43 /53	Towed mortar	5.1	Russia	
160mm	M-66	SP mortar	9.3	Israel	
155mm	FH-70	Towed howitzer	24	Germany	
155mm	Firtina (SP2000)	SP howitzer	30	Turkey	Variant of South Korean K9
155mm	G-5	Towed howitzer	30	South Africa	
155mm	G-6	SP howitzer	30	South Africa	
155mm	GCT (AuF1)	SP howitzer	23.5	France	
155mm	GH 52 APU	Towed howitzer	27	Finland	
155mm	GHN-45	Towed howitzer	17.8	Austria	
155mm	K9 Thunder	SP howitzer	30	South Korea	On board FCS, night vision equipment
155mm	L-33 (Sherman/Soltam)	SP howitzer	21	Israel	Gun-Israel; chassis-obsolete US-made tanks
155mm	M109 A1 /A2 /A6	SP howitzer	21	US	
155mm	M109 Doher	SP howitzer		Israel	Upgrading of M-109
155mm	M114 A2	Towed howitzer	14.6	US	
155mm	M-1950	Towed howitzer	17.5	France	
155mm	M198 A1	Towed howitzer	18.1	US	
155mm	M-41	Towed gun	30	Iraq/Austria	Combination of the 130mm gun and Austrian 155mm tubes

Caliber	Designation	Type	Range (km)	Country of origin	Notes
155mm	M44	SP howitzer	14.6	US	
155mm	M-50 (Sherman)	SP howitzer	17.5	Israel	Gun-France; chassis-US
155mm	M52T/M44T	SP howitzer	18/25	Turkey	Upgrading of former US M52 and M44 tanks
155mm	M59 (Long Tom)	Towed gun	22	US	
155mm	M-71	Towed gun	24	Israel	
155mm	Majnoon	SP howitzer	30.2	Iraq	With assistance from Belgian company
155mm	MH-41	Towed howitzer	22	Iran	Based on American 155mm M114
155mm	Mk F-3 (AMX)	SP howitzer	18	France	
155mm	Palmaria	SP howitzer	24	Italy	
155mm	Panter (FH2000)	Towed howitzer	40	Turkey	Variant of Singaporean 155mm gun
155mm	PLZ-45	SP howitzer	39	PRC	
155mm	Slammer	SP		Israel	Based on Merkava chassis
155mm	SPGW	SP		Israel	FCS and GPS navigation
155mm	Thunder/ Raad-2	SP gun	18.1	Iran	
155mm	ZTS Zuzana	SP gun		Slovak Republic	
152mm	D-20	Towed howitzer	18	Russia	
152mm	ZTS DANA	SP howitzer	20	Slovak Republic	
152mm	M-1937 (ML-20)	Towed howitzer	17.25	Russia	
152mm	M-1943 (D-1)	Towed howitzer	12.4	Russia	
152mm	M-1976 2A36	Towed howitzer	27	Russia	
152mm	M-1973 (2S3)	SP howitzer	18	Russia	
130mm	M-46	Towed gun	27.1	Russia	
130mm	Type 59	Towed gun	27.4	PRC	Copy of Soviet 130mm M-46, the same designation is also used for a Chinese MBT
122mm	D-30	Towed howitzer	16	Russia	
122mm	D-74	Towed gun	24	Russia	
122mm	ISU	SP gun	16	Russia	
122mm	M-1931/37	Towed gun	20.8	Russia	
122mm	M-1938 (M-30)	Towed howitzer	11.8	Russia	
122mm	M-1974 (2S1)	SP howitzer	15.3	Russia	
122mm	MH-40	Towed howitzer		Iran	Based on Russian 122mm D-30
122mm	Saddam	Towed howitzer	16	Iraq/Russia	Russian 122mm D-30, produced in Iraq, with assistance from Yugoslavia
122mm	SP122	SP howitzer	15.4	Russia/Egypt	Russian-licensed D-30 based on US M109 chassis
122mm	Thunder/ Raad-1	SP gun	15.2	Iran	
120mm		SP mortar	11.5	Iraq	Mounted on Russian-made MT-LB carrier
120mm	Brandt	SP mortar		France/Canada	Mounted on LAV chassis
120mm	Brandt M-50/M-60	Towed mortar	6.6	France	

Caliber	Designation	Type	Range (km)	Country of origin	Notes
120mm	Boragh	SP mortar		Iran	mounted on Boragh chassis
120mm	M-43	Towed mortar	5.7	Russia	
120mm	M-65	Towed mortar	6.3	Israel	Also available as SP, mounted on U.S. made M-2 halftrack
120mm	RT	Towed mortar	13	France	
120mm	TDA	SP rifled mortar	13	France	Mounted on Mowag Piranha 8x8 APC
107mm	M30	SP/ towed mortar	5.6	US	Mounted on M106 A2 carrier, a derivative of M-113 APC
105mm	L-118	Towed light gun	17.2	UK	
105mm	M101 A1	Towed howitzer	11.3	US	
105mm	M102 A1	Towed howitzer	11.5	US	
105mm	M108	SP howitzer	11.5	US	
105mm	M52	SP howitzer	11.3	US	
105mm	M-56	Towed pack howitzer	10.6	Italy	
105mm	Mk 61	SP howitzer	15	France	
105mm	MOBAT	SP howitzer	19.5	Netherlands	GPS-guided fire-control system
100mm	M-1955	Towed field/AT gun	21	Russia	
100mm	SU-100	SP gun		Russia	
87mm	25lb.	Towed howitzer	12.2	UK	
85mm	M-1945/D-44	Towed field/AT gun	15.8	Russia	
76mm	M-1942 (ZIS-3)	Towed divisional gun	13.3	Russia	

Artillery/Mortar-Locating Radars

Designation	Detection range (km)	Frequency /Band	Country of origin
AN/TPQ-36	24	I/J-band	US
AN/TPQ-37	50	I/J-band	US
AN/PPS-15A	3	J-band	US
ARS 2000			Turkey
Cymbeline	30	I-band	UK
RATAC-S	30	I-band	Germany
Rasit	50	I-band	France
Shilem			Israel

Artillery Ammunition Carriers

Designation	Configuration	Country of origin	Notes
M-992	Tracked	US	

MT-LB

Tracked

Russia

Also serves as prime mover for towed artillery and APC

Surface-to-Surface Missiles

Designation	Range (km)/ CEP	Propulsion	Payload (kg)	Country of origin	Notes
Condor 2/Vector	800	Two stage, solid/liquid	450	Egypt/Iraq	Operational status unconfirmed
CSS-2 (East Wind)	2,700/~4 km	Single stage, liquid	2,045	PRC	
CSS-8 (M-7)	150	Single stage, liquid	190	PRC	This is derived from HQ-2 SAM for export
GHAURI-I	1,300-1,500	Single stage, liquid	750	Pakistan	Possibly based on the No Dong
GHAURI-II	2,000-2,300		1,000	Pakistan	
al-Hussein	~600/~4 km	Single stage, liquid	300	Iraq	Extended range Scuds
Fateh-110	200	Single stage, solid		Iran	
Jericho I	450		750	Israel	According to foreign publications
Jericho II	800		750	Israel	According to foreign publications
Jericho II B	1,500		750	Israel	According to foreign publications
M-9	600/ 600m	Solid	500	PRC	
M-11	250/ 250m	Solid	500	PRC	
MGM-52C	75/ 150m	Liquid	225	US	
Lance					
MGM-140 ATACMS	165	Solid	450	US	
No-Dong	1,000	Liquid	1,000	North Korea	
Shehab-3	1,300/3-4 km	Liquid	700	Iran	Possibly based on No Dong
Shehab-4	2,000			Iran	
Scud B	280/1 km	Single stage, liquid	800-1,000	Russia	
(SS-1 , R-17 or 9K72)					
Scud C	550/2-3 km	Single stage, liquid	500-700	North Korea	Upgrading of Russian SS-1 Scud B
Scud D	600/2-3 km	Single stage, solid	350-450	Syria/ North Korea	Extended-range Scud C
SS-21 (Scarab, OTR-21 or Tochka)	70/150m	Single stage, solid	120	Russia	
Shaheen	750	Single stage, solid	1,000	Pakistan	Possibly based on Chinese M-9
al-Samoud	150	Single stage, liquid	300	Iraq	Formally developed within the restrictions of the UNSC resolutions, but probably exceeds the limitations considerably
Taepo Dong 1	1,700-2,200	Two stage, liquid	700-1,000	North Korea	
Taepo Dong 2	4,000-6,000	Three stage, liquid	700-1,000	North Korea	
Tamuz 1	2,000	Two stage, liquid		Iraq	Not operational

Surface-to-Surface Strategic Rockets

Caliber	Designation	Number of rails/tubes	Range (km)	Payload (kg)	Country of origin	Notes
610mm	Zelzal 2	1	200	600	Iran	
550mm	Laith 90	1	90	450	Iraq	Extended range version of the Russian FROG-7
540mm	FROG-7 (Luna-M or 9K52)	1	70	450	Russia	
450mm	Nazeat N10	1	150	250	Iran	
400mm	Ababil-100	4	100		Iraq	Improved version of Yugoslavia's 262mm LRSV M-87
333mm	Fajr 5	4	75	175	Iran	
320mm	WS-1	4	80	150	Iran	
300mm	A-100	10	100	200	PRC	Based on Russian Smerch
300mm	Sajeel 60	4	60		Iraq	Copy of Brazilian 300mm SS-60
300mm	Smerch (BM 9A52-2)	12	70-90	100	Russia	
300mm	SS-60	4	60		Brazil	
260mm	Toros-260	8	100	144	Turkey	
230mm	Oghab	3	80	70	Iran	Improved version of Chinese Type 83 273mm rocket
210mm	Saqr-80	1	80	200	Egypt	Launched from FROG-7 launcher

Multiple Rocket Launchers

Caliber	Designation	Number of rails/ tubes	Range (km)	Country of origin	Notes
350mm	Kachlilit	4		40 Israel	Anti-radar missile
333mm	Falaq-2	1		11 Iran	
333mm	Shahin 2	2		20 Iran	
290mm	MAR 290	4		25 Israel	
262mm	Ababil-50	12		50 Iraq	Copy or production under license of Yugoslavia's 262mm LRSV M-87
240mm	BM-24	12	10.2	Russia	
240mm	Fajr 3	12	43	Iran	
240mm	Falaq-1	6	10	Iran	Based on Russian BM-24
230mm	Toros-230	12	65	Turkey	
220mm	BM-22	16	35	Russia	
220mm			25	Syria	Based on Russian BM-22
227mm	MLRS	12	32	US	
180mm	Sajeel 40	16	35	Iraq	Copy of Brazilian 180mm SS-40
180mm	SS-40 Astros II	16	35	Brazil	

Caliber	Designation	Number of rails/ tubes	Range (km)	Country of origin	Notes
160mm	Keres/LAR-160	18	25	Israel	Anti-radar missile; a derivative of US RGM-66D
140mm	BM-14-16	16	9.8	Russia	
140mm	RPU-14	16	9.8	Russia	
140mm	Teruel	40	18.2	Spain	
132mm	BM-13-16	16	9	Russia	
130mm	M-51 (RM-130)	32	8.2	Romania/Russia	
130mm	M-51	32	8.2	Czech Republic	
130mm	Type 63	19	10.4	PRC	
128mm	M-63	32	8.5	Yugoslavia	
127mm	Sajeel 30	32	30	Iraq	Copy of Brazilian 127mm SS-30
127mm	SS-30 Astros II	32	30	Brazil	
122mm	Azrash	40	21.5	Iran	
122mm	BM-11	30		North Korea	Variant of Soviet BM-21
122mm	BM-21	40	20.8	Russia	
122mm	Firos-25	40	25	Italy	
122mm	Hadid	40	20.4	Iran	
122mm	Nur	40	18	Iran	
122mm	RM-70	40	20.4	Czech Republic	Similar to Russian BM-21
122mm	Type 90	40	30/40	PRC	
122mm	Saqr 10 and Saqr 18		18	Egypt	
122mm	Saqr 30	30	22.5	Egypt	
122mm	Saqr 36	30	20.4	Egypt	
122mm	TR-122	40	40	Turkey	
120mm	al-Samoud	1	8	Palestinian Authority	
120mm	Qassam	4		Palestinian Authority	Qassam MRL
120mm	Qassam-2	1	8	Palestinian Authority	
120mm	Qassam-3	1	10-12	Palestinian Authority	
120mm	Quds-2	1	12	Palestinian Authority	
107mm		12	8	Iraq	Copy of 107mm from PRC or RM-11 from North Korea
107mm	AB-19	12	10	Jordan	SP version of Chinese Type 63 mounted on HMMWV
107mm	RM-11		8.1	North Korea	
107mm	Type 63	12	8.5	PRC	
60/90mm	Qassam-1	1	4.5	Palestinian	

Caliber	Designation	Number of rails/ tubes	Range (km)	Country of origin	Notes
				Authority	

Engineering and Anti-Tank Equipment

Anti-Tank Guns

Caliber	Designation and Type	Country of origin	Notes
120mm	BAT L-4 recoilless rifle	UK	
107mm	B-11 recoilless rifle	Russia	
106mm	M40 A1C/A2 recoilless rifle	US /Israel	
100mm	M-1944 BS-3 field/AT gun	Russia	
100mm	M-1955 field/AT gun	Russia	Also listed under Guns and Howitzers
100mm	T-12 field/AT gun	Russia	
90mm	Light recoilless gun	Belgium	Used on AFVs
85mm	M-1945/D-44 field/AT gun	Russia	Also listed under Guns and Howitzers
84mm	Carl Gustav light recoilless rifle	Sweden	
82mm	B-10 recoilless rifle	Russia	
76mm	M-1942 (ZIS-3) field/AT gun	Russia	Also listed under Guns and Howitzers
75mm	M20 recoilless rifle	US	
57mm	AT gun	Czech Republic	

Anti-Tank Guided Missiles

Designation	Range (m)	Guidance	Country of origin	Notes
AT-1 (Snapper)	2,300	Wire	Russia	
AT-2 (Swatter)	2,500	Radio	Russia	
AT-3 (Sagger)	3,000	Wire	Russia	
AT-4 (Spigot)	2,500	Wire	Russia	
AT-5 (Spandrel)	3,600	Wire	Russia	
AT-6 (Spiral)	5,000	Radio	Russia	
AT-10 (Stabber)	4,000	Laser	Russia	BMP-3 laser-guided projectile
AT-11 (Svir-9K120)	5,000	Laser	Russia	T-72 laser-guided projectile

Designation	Range (m)	Guidance	Country of origin	Notes
AT-14 (Kornet)	5,500	Laser	Russia	
al-Banaa	500		Palestinian Authority	
al-Batar	3,000		Palestinian Authority	
Dandy (NT-D)	8,000	Fiber optics/IIR	Israel	
Dragon I/II	1,000	Wire	US	
Dragon II+/III (Superdragon)	2,000	Wire	US	
Eryx	600	Wire	France/Canada	
Ingwe	5,000	laser	South Africa	
I-Raad	3,000	Wire	Iran	Licensed production of Russian AT-3
Gill (NT-G)	2,500	CCD/IIR	Israel	
Hellfire	8,000	Laser	US	
HOT	4,000	Wire	France/Germany	
Lahat		Laser	Israel	Merkava/M60 laser-guided projectile
Mapats	5,000	Laser	Israel	
MILAN	2,000	Wire	France/Germany	
Nimrod	26,000	Laser	Israel	Land-based variant of Nimrod AGM.
Saeghe 1/2	1,000	Wire	Iran	Based on American Dragon, with tandem warhead
Shipon	600	Laser	Israel	
SS-11	3,000	Wire	France	
SS-12	5,000	Wire	France	Can be employed as ATGM or as anti-ship missile launched from ground, helicopter, or ship
Spike (NT-S)	4,000	Fiber optics/IIR	Israel	
Swingfire	4,000	Wire	UK/Egypt	
Toophan	3,850	Wire	Iran	Variant of TOW, with tandem warhead
TOW (BGM 71A /C /D)	3,750	Wire	US	
TOW IIA (BGM-71E)	3,750	Wire	US	Tandem warhead
TOW IIB (BGM-71F)	3,750	Wire	US	Tandem warhead programmed for top attack
Towsan-1	4,000	Wire	Iran	Licensed production of Russian AT-5
TRIGAT	2,000	Laser	France	

Engineering Equipment

Designation	Country of Origin	Notes
Aardvark Mk2/Mk3 flail	UK	Anti-mine vehicle
ACV-AESV	Turkey	Engineering combat vehicle
Bar mine-lying system	UK	
BLG-60	Germany/Poland	Bridging tank
Bozena	Czech Republic	Remote-controlled mine clearing vehicle

Designation	Country of Origin	Notes
Carpet	Israel	Minefield crossing system
Compact 230 Minecat flail	Norway	Mine clearing vehicle
EWK pontoon bridge	Germany	Bridging system
Fateh	Egypt	Minefield crossing system
Fuchs (Fox)	Germany	NBC reconnaissance vehicle
FWMP	Israel	Full-width mine ploughs
Gilois motorized bridge	France	Bridge and ferry system
GSP	Russia	Heavy amphibious self propelled ferry
M60 AVLB	US	Bridging tank
M69 A1	US	Bridging tank
M123 Viper	US	Minefield-crossing system
M728	US	Engineering combat vehicle based on M60 tank chassis
Matenin SA	France	Automatic mine layers
MT-55	Russia	Bridging tank
MTU-55	Russia	Bridging tank
MTU-67	Russia	Bridging tank
Pelè	Israel	Combat vehicle tele-operation kit
PMP pontoon bridge	Russia	Heavy folding pontoon bridge
Pomins II	Israel	Portable (infantry) mine neutralization system
PRP motorized bridge	Russia	
Puma	Israel	Combat vehicle carrying a squad of combat engineers and some equipment (an improvement of Centurion chassis)
TAB	Israel	tactical assault bridge
TLB	Israel	trailer-launched bridge
TPP, pontoon bridge	Russia	Can be used as a pontoon bridge or a raft
TWMP	Israel	tread-width mine ploughs
UDK-1	UK	bridge

Recovery Vehicles

Designation	Type	Combat weight (ton)	Lifting / towing capability	Country of origin	Notes
ACV	Armored recovery vehicle	13.6	Crane and winch	Turkey	
Leclerc	Armored recovery vehicle	54	Crane maximum capacity of 30 tons; main winch pull capacity of 35 tons.	France	
Challenger	Armored recovery vehicle	62	Winch-52 tons capacity-direct pull; crane lift-6.5 tons-max	UK	
M47 AB1 P1	Armored recovery vehicle	42	6.5 ton capacity crane; 28 ton capacity winch; bulldozer	Jordan	Based on M47 MBT chassis

Designation	Type	Combat weight (ton)	Lifting / towing capability	Country of origin	Notes
M47/M48	Armored recovery vehicle	48.5	blade	Germany	
M60 AB1 P2	Armored recovery vehicle	55	22 ton capacity crane; 35 ton capacity winch; dozer blade	Jordan	based on M60 MBT chassis
M88 A1	Armored recovery vehicle	50.8	6.5 ton capacity crane; 41 ton capacity winch; dozer blade	US	Based on the M48 MBT chassis
M578	Light armored recovery vehicle	24.3	Up to 22 tons when using a stabilizing blade; 2 winches: max. capacity of 40.8 ton	US	Hull is similar to that of the 175mm M107 and 203mm M110 SPGs
Samson	Armored recovery vehicle	8.74	Crane lift capability-6.7 tons, 2 winches with max. capacity of 27 ton	UK	
SK-105 Greif	Armored recovery vehicle	19.8	Heavy duty winch, max. capacity of 12 ton	Austria	
RV-20 SAS	Armored recovery vehicle		Crane max. capacity 6 ton; 20 ton winch	India	
T-55	Armored recovery vehicle	34	Lifting capability of between 10 to 20 tons	Russia	Additional models were developed by the Czech Republic, Poland and Germany
T-62	Armored recovery vehicle	38		Russia	