

ONCE AGAIN, CHO CONTINUES TO REVOLUTIONIZE WARGAMING!

Military miniatures gaming has changed a lot since our founder first got into the hobby in the early 1960's. At that time there were no game stores and no clubs. In fact, there weren't a lot of miniatures or rules either. Finding others who shared his interest was not easy. He found some of the first members of his gaming club by going over the library card in the back of some military history books to see who had checked out the same books...then he called them. They usually didn't have many choices in the rules and miniatures that they played. They generally used what they could get their hands on. Often times the rules were 5th generation mimeographed sheets that had been passed around and the miniatures were usually large the 1/87th scale HO models that take so much space to play.

He always thought that there had to be a better way to experience this great hobby. In 1967 he started GHQ and pioneered microscale gaming with Micro Armour®. Over 55 years Micro Armour® has won many awards and has set the standard for excellence in military miniatures around the world. Over the years GHQ has introduced many new lines into the wargaming world and has continued to expand the old ones. One thing that all of these products have in common is that all have been made with the same high quality, and all have always set new quality standards in their categories.

A lot has changed in this hobby since 1967. GHQ has tirelessly continued to produce miniatures and rules. Many of the stores that sold them have come and gone. Many of the companies that produced them have seen the same cycles, and others are no longer with us. The one constant throughout the last 55 years is that GHQ has always been there, and GHQ has always been an industry leader. Trust us, it hasn't been easy!

The wargaming landscape is now completely different from what existed in the early 1960's. In addition to the vast number of

products out there, we also have the internet which has been responsible for changing the wargaming community and marketplace in previously unimaginable ways. Now there is no need to cold-call someone who checked out a book about Gettysburg to find opponents. All that you need to do is search through the online club listings, or start one of your own. Now you don't need to handwrite letters to small companies in England hoping to get a reply (because that meant they were still in business). Now you just need to do an internet search to find them. Your e-mail will usually be replied to in a day, and your order will be in your hands in a week.

Even with all of the incredible technological advances, and competition for people's time from video games, DVDs, iPads, etc. this little company that started in Minneapolis continues to produce every casting by hand, and check every casting with human eyes the same way that we did in 1967. Of course we have tried to keep up with the times. GHQ was one of the first companies in our industry to have a website. Over the last 28 years we have overhauled the website several times. In fact, we have just completed our most recent website overhaul! Throughout all of these years we have always tried to improve the entire wargame experience for our customers.

We want to make everything that we do—the miniatures, the terrain, the paints, the rules, the buildings, the website experience, etc.—as good as we possibly can. We are packing even more FREE content into our new website. In addition to the FREE paper buildings, FREE rules, FREE country studies, FREE newsletter archive, FREE TO&Es, FREE online forum, FREE Club Finder listings, FREE scenarios, FREE game supplements, etc., we will have FREE video modeling guides, FREE prototype information, and MORE!

As always, thank you for your support!

— GHQ

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Micro Armour® is modeled in 1:285 ("6mm") scale—smaller than model railroad's "Z" scale. Now GHQ offers packs of samples that generally include a tank or AFV, another vehicle, a cannon, and some infantry men.

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Micro Force 10mm[®] is modeled in 1:160 scale—model railroad's "N" scale. These sample packs offer some men, horses, and a gun.

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• NAP45	Napoleonic British Samples Pack	\$10.99
• ACW57	American Civil War Federal Samples Pack	\$10.99
• ACW58	American Civil War Confederate Samples Pack	\$10.99

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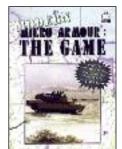
Gap. In addition to the US & USSR/Russian information in this book, 39 more Country Studies are available at GHQ's website! The rules are still concise, easy to learn and fun to play. Nobody models tanks like GHQ - here's the game for Micro Armour®. (Game scale: 1 inch = 100 yds/meters; 1 model or stand = 1 platoon; 1 turn = 3 minutes.)

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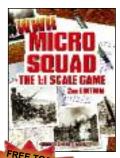


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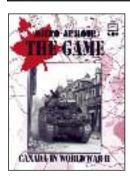
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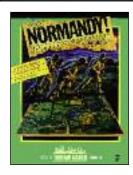
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PRODI NUMB		PROD NUME		
	TANKS	1	SELF-PROP. GUNS & ROCKETS continued	
G115 G118	PzI A (SdKfz 101) Light tank with two MGs 5 PzI B Longer-chassis MG tank used during Blitzkrieg & Barbarossa 5 BEFEHLSWAGEN IB (SdKfz 265) Command version of PzI 5	G17 G23 G84	StuG III D Assault gun with short 75mm howitzer on PzIII hull StuG III F Assault gun with high velocity 75mm gun on PzIII hull StuG III G & StuH 42 75mm gun and 105mm howitzer versions	5 5 5
G114	PzII A, B, & C (SdKfz 121) Armed with 20mm cannon PzII F Final variant; used in Russia and N. Africa PzII L (SdKfz 123) "Luchs", late war recon tank 5	G578 G49 G557	StuG III G w/ side skirts PzJÄG IV Two versions of this tank hunter: Sdkfz 162 & 162/1 JAGDPANZER IV New version – PzW 604/9	5 5 5
G131 G7		G47 G143	StuG IV Assault gun with high velocity 75mm gun on PzIV hull 15cm PANZERWERFER 42 Maultier with munitionschleppers	5 2/2
G88 G142	Pz 38(t) SdKfz 140/1 Reconnaissance version of Czech tank 5 PzIII E (SdKfz 141) Earliest production Pz III; w/ KwK L46.5 37mm gun 5	G48 G26	BRUMMBAR Up-armoured PzIV with enclosed 150mm howitzer JAGDPANTHER Enclosed 88mm anti-tank gun on Panther hull	5 5
G4 G83 G27	PzIII F/G Armed with "short" KwK L/42 50mm gun 5 PzIII J (SdKfz 141/1) Up-gunned with "long" KwK39/60 50mm gun 7 PzIII M & FLAMM Pack includes gun & flamethrower turrets	G11 G70 G38	PzJÄG ELEFANT 88mm anti-tank gun on Porsche hull STURMTIGER Armed with 380mm mortar JAGDTIGER 128mm gun on Tiger II hull	5 4 5
G28 G560	PzIII L & N Three KwK39/60 50mm gun, two short 75mm how turrets 5	G72	PAK 40 SPAT 75mm anti-tank gun on RSO chassis HUMMEL 150mm howitzer on modified PzIV hull	5 5
G577 G561	PzIII M w/side skirts 5 PzIII N w/side skirts 5		WESPE Self-propelled 105mm howitzer on PzII hull	5 5
G5	PzIV D Infantry support tank with short 75mm howitzer 5	G598	SdKfz 6/3 DIANA Armoured w/ captured Soviet 76mm field gun	$\frac{4}{}$
G64 G549	PzIV F1 Last version of MkIV to mount short 75mm howitzer PzIV F2 with KwK40 L/43 75mm gun. All new design work! 5		HALFTRACKS	
G545		G18 G90	SdKfz 250 1 & 10 Alt Light recon halftracks, 1 platoon command vehicle SdKfz 250 1 & 8 Neu Recon infantry carriers with 75mm gun	4/1 4/1
	PzIV H Armed with L/48 75mm gun; model features side skirts 5	G90	SdKfz 250 5 & 9 Neu 20mm gun and radio carriers	4/1
G81	PANTHER A & D Early versions of the Panzer V 5	G552	SdKfz 250 3 Radio / command version	6
G19 G584	PANTHER G Two versions of late war Panzer V 5 PANTHER G w/side skirts 5	G34	SdKfz 250 9 Light halftrack with 20mm gun	6
G364 G85	PANTHER II F Prototype with 88mm gun and schmal turret 5	G93	SdKfz 250 7I & 7II 81mm mortar and ammo carriers	2/2
G6	TIGER I, Early Early version of Pz VI w/conventional road wheels	G99	SdKfz 251/C 1 & 10 Command and infantry carriers	1/4
G68	TIGER I, Late Late version of Panzer VI with all steel road wheels 5	G102	-	5 2/1
G78	TIGER II, Porsche Turret Used on Western Front 5	G103	SdKfz 251/C 3 & 11 Radio and telephone wire-laying vehicle SdKfz 251/C 2 & 9 Mortar and howitzer halftracks	3/1 2/3
G32	TIGER II, Henschel Turret Improved turret eliminated shell traps 5	G104		5
G140	E-100 Super-heavy tank under development when war ended 3		SdKfz 251/C "Stuka zu Fuss" Mounts Wurfrahmen rockets	4
G87	MAUS Super-heavy tank used in the final defense of the Reich 2	G107		5
	SELF-PROPELLED GUNS & ROCKETS	G125	SdKfz 251/D 2 & 9 Mortar and howitzer carriers	5
G156	Karl-Gerät MORTAR BATTERY 2 SP mortars/4 schleppers \$59.99	G128	e e	5
	PzJÄGER IB Early self-propelled 47mm anti-tank gun on PzI hull. 5		SdKfz 251/D 8 Late-war armoured ambulance	4
G121	sIG 33 PzI B Early self-propelled 150mm gun on PzI hull. 5	G601	SdKfz 252 Halftracks with ammo trailers. More than 400 made. SdKfz 10/1 One-ton light prime mover	5 5
	sIG 33 15cm PzIII Late war variant of self-propelled sIG. 5	G108	~	5
	15cm sFH13/1 LORRAINE (f) Captured French chassis for SPH. 5	G65	2-ton OPEL MAULTIER Halftracked Opel Blitz	5
G583	SdKfz 135 "Stuka zu Fuss" 4 MARDER I On Lorraine chassis. 5		4.5-ton MERCEDES MAULTIER Halftracked hauler	3
G116		G502	SCHWERER WEHRMACHTSCHLEPPER Common truck of	cab 4
G112	MARDER III 7.62(r) Captured self-propelled Russian AT gun. 5	G133		2
G58	PzJÄG 38(t)M MARDER III 1943 version Pak 40 anti-tank gun. 5	G136	SdKfz 9/1 FAMO F3 w/ SPADE Common recovery vehicle	2
G89	PzJÄG 38(t)H MARDER III 1942 version Pak 40 anti-tank gun. 5		SELF-PROPELLED & TOWED AA GUNS	
G580	7.5cm PAK 40 (sp) 39 H (f) on Hotchkiss chassis.	G503	ZWILLINGSLAFETTE 36 IF-5 Horse-drawn caissons, guns	2/2
G581	10.5cm le FH 18 (sf) 39 H (f) on Hotchkiss chassis.		FLAKPANZER I 2cm Flak 38 auf Panzer I Ausfuhrung A w/trailer	4
G43 G555	HETZER 75mm gun on enclosed 38(t) hull. 5 sIG33/1 GRILLE Early version on 38(t) H chassis. 5	G14	88mm AA GUN Deployed 88mm guns	5
G59	BISON 38(t)M 150mm howitzer on open-topped 38(t) hull 5	G69	FLAK 36 & Sd 7 88mm guns and prime movers	2/2
	1 11 11()	G60	FLAKPANZER 38(t) M 20mm Flak gun on Czech hull	5
	t does "2/2/2" or "4/1" vehicles per pack mean?	G553	`	5
	means the pack includes 2 deployed guns, 2 towed guns, and 2 movers. 4/1 means 4 of the first named vehicle and one of the	G554		5
	nd named vehicle are included in the pack.	G562 G86	MOBELWAGEN PzIV chassis, mounted 3.7cm Flak 43 L/89. FLAKPANTHER 1945 prototype; called "Coelion".	3

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15	3-ton Opel Blitz Haubitze m	eld G55 .18 Kfz	18 Hore	h 150mm Nebelwerfer Flossacke 34
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PROD NUME	UCT VE BER DESCRIPTION PE	HICLES R PACK	PRODU NUMBE	
	SELF-PROP. & TOWED AA GUNS continued			SOFT SKINS continued
G92 G558 G127 G129 G94	SdKfz 10/4 SPAA 20mm Self-propelled single barrel Flak gun. SdKfz 11/1 2cm FLAK 38 (Sf.) Early version. SdKfz 251/C 17 2cm FLAK 38 Second Luftwaffe version. SdKfz 251/D 21 DRILLING Triple 15mm Flak gun. SdKfz 7/2 37mm FLAK 36 Single barrel 37mm Flak gun.	3 4 4 4 3	G585 G71 G75	BÜSSING-NAG 4500 CRANE Heavy recovery & repair truck. GERMAN TRAILERS Generator, radio, & cargo trailers. RAUPENSCHLEPPER Tracked cargo carrier; two types. HORSE-DRAWN WAGONS Cargo and ambulance variants. STAHLWAGEN (HF7) Horse-drawn wagon. 3 3 1/1/4 4
G122	37mm FLAK 36, Towed Limbered and deployed AA guns.	2/2/2		
G149 G602 G123	KUGELBLITZ Flakpanzerwagen 604/4. Twin 3cm guns on PzIV 6 PzIV H w/FLAK 36 88mm AAG on PzIV hull. 20mm QUAD FLAK, Towed Pack includes prime movers.	5 2/2/2	G520	ARMOURED CARS & MISC. VEHICLES SdKfz 221 Blitzkrieg-era four-wheeled car. 5 SdKfz 221 w/ sPzB 41 Mid-late war version of 221. 5
G607	SdKfz 7/1 20mm FLAK 38 Self-propelled 20mm quad Flak gur OPEL BLITZ with AA SdKfz 9 FAMO 8cm FLAK (Batch #5 Releases)	5	G503 G137	SdKfz 222 & 223 Ubiquitous four-wheeled cars; 223 is radio car. SdKfz 231/232 (6 Rad) w/etching for aerial; early war heavy AC. 4 SdKfz 231 (8 Rad) Standard heavy armoured car in recon battalion. 5 SdKfz 232 (8 Rad) Standard heavy armoured car in recon battalion.
G96	20mm FLAK w/ PROTZE Towed and deployed guns. TOWED & MAN-PACKED ANTI-TANK WEAPON	2/2/2	G139	SdKfz 233 & 263 (8 Rad) 75mm close support & command ACs. 3/2 BRASS ETCHED AERIALS For Sdkfz 232 & 263 (8 Rad). 10/5
0516			G53	SdKfz 234/1 & 3 Eight-wheeled car; two versions. 3/2
G120 G109	 7.62cm PAK 36 (r) with Sd. 11 prime mover. PAK 38 Towed and deployed 50mm AT guns with Sd. 11. PAK 40 Towed and deployed 75mm AT guns with Sd. 11. 	2/2/2 2/2/2 2/2/2		SdKfz 234/2 PUMAEight-wheeled car with turreted 50mm gun.5SdKfz 234/4Late-war car with open-topped 75mm PAK 40.5PzIII RECOVERY1
	PAK 43/41 Towed and deployed 88mm AT guns with Sd. 7.	2/2/2		HETZER ARV Recovery vehicle; 170 total produced. 5
	PAK 43 Cruciform mount 88mm AT guns with Sd 7. PAK 44 128mm, Deployed Heavy AT gun.	2/2/2		BERGEPANTHER Armoured recovery vehicle based on Panther hull. 2 LAND-WASSER-SCHLEPPER Tracked amphibian! 2
	PAK 44 128mm, Towed w/ PM Heavy AT gun.	2/2		Sd.Ah. 116 Tank transporter w/ FAMO prime mover. 1/1
	LIGHT AT WEAPONS, Early PzB 39 & sPzB 41.	Asst		PzIV BRIDGELAYER Used in invasion of France.
	LIGHT AT WEAPONS, Late Pzfaust, Schreck, Buchse, PzWfr	43 Asst		LEICHTER LADUNGSTRÄGER SdKfz 303. 4
	TOWED ARTILLERY			FLOSSACKE 34 Inflatable assault boats. 3
G134	s FELD HAUBITZE m. 18 150mm howitzer w/ PM.	2/2/2		FLOSSACKE BRIDGE PACK 3 rafts w/ connectors, ramps. 3/2/2 STURMBOOT FERRY 2 sturmboots, 4 flossackes. 2/4
	le FELD KANON m. 18 105mm guns w /prime mover.	2/2/2		SIEBEL FERRY TRANSPORT Approx 400 made.1/pk \$35.99
	10.5cm le FELD HAUBITZE m.18 Horsedrawn gun & limbe	r. 1/1/1	G605	SIEBEL FERRY FLAK AA Escort and fire support. 1/pk \$42.99
	17cm K 18 in Mrs Laf Corps Kanone used on all fronts.	2	G606	SIEBEL FERRY ARTILLERY SUPPORT 1/pk \$42.99
	21cm MÖRSER m. 18 Corps howitzer used on all fronts.	2		INFANTRY & CAVALRY
G124 G54	1 , 1	2/2/2 2/2/2	C564	GRANATWERFER 42 120mm Mortar w/ Opel Blitz 2/2/2/2
G63	105mm HOWITZER Includes Sd. 11 prime movers. 150mm NEBELWERFER Towed & deployed w/ prime mover.	2/2/2		GRANATWERFER 42 120mm w/ SdKfz 251 2/2/2/2
G03		2/2/2		INDIVIDUAL INFANTRYMEN #1 Action poses. 60+
	SOFT SKINS			INDIVIDUAL INFANTRYMEN #2 New poses! 60+
G40	COMMAND & RECON Motorcycles, kubelwagens, kettenkrads	. 4/4/4		INDIVIDUAL HEAVY WEAPONS LMGs, 50mm mortars 50+
G141	MOTORCYCLES w/ SIDECARS Used everywhere.	16		LATE WAR IND. INFANTRYMEN Action poses. 60+
G67	SCHWIMMWAGEN Amphibious command car.	10		LATE WAR IND. HEAVY WEAPONS LMGs, HMGs, mortars 50+
G77	Kfz 15 & Kfz 17 Command and radio cars.	3/2 5		AFRIKA KORPS IND. INFANTRYMEN Action poses w/caps. 60+
	Kfz 18 HORCH Command and traon transport	J		AFRIKA KORPS IND HEAVY WEAPONS IMGG HMGG atc. 50+
G551	Kfz 18 HORCH Command and troop transport. COMMAND PAC Stevr-Daimler cars and trucks			AFRIKA KORPS IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ FALLSCHIRMLÄGER IND. INFANTRY In action poses smocks 60+
	COMMAND PAC Steyr-Daimler cars and trucks.	3/2 5	G512	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+
G551 G79	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck.	3/2	G512 G513	
G551 G79 G25	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums.	3/2 5 5 5	G512 G513 G521	$\begin{tabular}{ll} FALLSCHIRMJ\ddot{A}GER\ IND.\ INFANTRY\ In\ action\ poses,\ smocks \\ FALLSCHIRMJ\ddot{A}GER\ IND.\ WEAPONS\ MGs,\ recoilless\ rifles\ 50+\\ \end{tabular}$
G551 G79 G25 G590 G589 G66	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies.	3/2 5 5 5 3/2	G512 G513 G521 G522 G76	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands
G551 G79 G25 G590 G589 G66 G591	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS	3/2 5 5 5 3/2 4	G512 G513 G521 G522 G76 G80	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12
G551 G79 G25 G590 G589 G66 G591 G37	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS 1.5-ton DAIMLER-STEYR Standard 4x4 cargo truck.	3/2 5 5 5 3/2 4 5	G512 G513 G521 G522 G76 G80 G56	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12 SUPPORT WEAPONS Includes 37mm ATG with stielgranate. Asst
G551 G79 G25 G590 G589 G66 G591 G37 G514	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS 1.5-ton DAIMLER-STEYR Standard 4x4 cargo truck. EINHEITSDIESEL Common early-war medium truck.	3/2 5 5 5 3/2 4 5 5	G512 G513 G521 G522 G76 G80 G56 G98	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12 SUPPORT WEAPONS Includes 37mm ATG with stielgranate. Asst SEATED INFANTRY Truck passengers. 100
G551 G79 G25 G590 G589 G66 G591 G37 G514	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS 1.5-ton DAIMLER-STEYR Standard 4x4 cargo truck. EINHEITSDIESEL Common early-war medium truck. Kfz 61 EINHEITSDIESEL Van-body radio truck.	3/2 5 5 5 3/2 4 5	G512 G513 G521 G522 G76 G80 G56 G98 G101	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12 SUPPORT WEAPONS Includes 37mm ATG with stielgranate. Asst SEATED INFANTRY Truck passengers. 100 PZGRENADIERS Halftrack passengers in action poses. 100
G551 G79 G25 G590 G589 G66 G591 G37 G514 G518	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS 1.5-ton DAIMLER-STEYR Standard 4x4 cargo truck. EINHEITSDIESEL Common early-war medium truck. Kfz 61 EINHEITSDIESEL Van-body radio truck. MERCEDES G3A TRUCK Cargo version.	3/2 5 5 5 3/2 4 5 5	G512 G513 G521 G522 G76 G80 G56 G98 G101 G73	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12 SUPPORT WEAPONS Includes 37mm ATG with stielgranate. Asst SEATED INFANTRY Truck passengers. 100 PZGRENADIERS Halftrack passengers in action poses. 100
G551 G79 G25 G590 G589 G66 G591 G37 G514 G518 G587	COMMAND PAC Steyr-Daimler cars and trucks. 3-ton OPEL BLITZ Standard 4x2 medium truck. OPEL BLITZ, Open Back Not loaded. OPEL BLITZ, Loaded Open Back Loaded with fuel drums. OPEL BLITZ VARIANTS Utility and fiberboard bodies. OPEL BLITZ BUS 1.5-ton DAIMLER-STEYR Standard 4x4 cargo truck. EINHEITSDIESEL Common early-war medium truck. Kfz 61 EINHEITSDIESEL Van-body radio truck. MERCEDES G3A TRUCK Cargo version.	3/2 5 5 5 5 3/2 4 5 5 5 5 5 5 5 5	G512 G513 G521 G522 G76 G80 G56 G98 G101 G73 G74 G505	FALLSCHIRMJÄGER IND. INFANTRY In action poses, smocks 60+ FALLSCHIRMJÄGER IND. WEAPONS MGs, recoilless rifles 50+ WINTER IND. INFANTRYMEN Action poses. 60+ WINTER IND. HEAVY WEAPONS LMGs, HMGs, etc. 50+ RIFLE COMPANY Squad stands minus the weapons section. 10 stands HEAVY WEAPONS Machine guns with 81mm & 120mm mortars. 12 SUPPORT WEAPONS Includes 37mm ATG with stielgranate. Asst SEATED INFANTRY Truck passengers. 100 PZGRENADIERS Halftrack passengers in action poses. 100 CAVALRY Mounted riders with pack horses. 24

WEHRMACHT '47 MIGRO ARMOUR'

1:285/Gmm SCALE UNPAINTED PEWTER MINIATURES STRUPPER PACK







PRODUCT



VEHICLES

5

5

5

5

5

Wargaming has always been driven by "what ifs." While our aim is to recreate historical battles, as soon as you take command of your miniature army, everything changes. Let's face it - our goal is really to re-write history! The Wehrmacht '47" project is a logical next step to bring the concept of exploring alternative historical outcomes to the wargame table, allowing you to experience the "what-if" scenarios that have always fascinated us.

When WWII ended the major combatants had in place ongoing plans for the next generation of military equipment. The Allies produced their designs which became the Cold War military arsenals with which we are familiar. Simultaneously the Germans had their own advanced designs. New weapons systems and new platforms for entire families of equipment were on the drawing boards of Germany's arms manufacturers.

A few actually saw limited combat, most existed as prototypes and some only as plans and drawings. Had the war taken a different course these weapons would have appeared on the battlefield

These new models, based on actual plans, represent the equipment available to all of the major players in the European Theater of Operations.

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WEHRMACHT '47 SUPPLEMENT

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This supplement offers background possiblities, weapons data, TO & Es, and hypothetical, yet plausible scenarios.

WEHRMACHT

DESCRIPTION

NUMB	EK DESCRIPTION	PER PACK
	NIGHT FIGHTING	
G571	PANTHER G w/ IR SIGHTS	4
G572	SdKfz 251/7 w/ UHU IR SEARCHLIGHT	4
G573	SdKfz 251/1 w/ IR SIGHTS	4

FULLY-TRACKED RECON VEHICLES G532 SdKfz 350/1 Standard troop carrier for recon units

G530	SdKfz 350/9 Recon track with 20mm gun	5
G529	SdKfz 350/13 Anti-tank protection for recon units w/ 7.5cm L/48 gun	5
G534	SdKfz 350/17 Light tank with 5cm mounted turret	5

FULLY-TRACKED PERSONNEL CARRIERS

G528	SdKfz 351/1 Standard panzer grenadier troop carrier	5
G533	SdKfz 351/2 8cm mortar carrier	5
G543	SdKfz 351/24 12cm mortar carrier	5
G540	SdKfz 351/9 7.5cm "stummel" vehicle for close infantry support	5
G535	SdKfz 351/22 Anti-tank protection for PzGren units w/ 7.5cm L/48 gun	5

SELF-PROPELLED & TOWED AA GUNS

G547 SdKfz 351/7 PzGren engineer vehicle, with foot bridges

G86	FLAKPANTHER 1945 prototype; called Coelion	4
G149	KUGELBLITZ Flakpanzerwagen 604/4, w/ 3cm guns on PzIV chassis	5
G576	sWS with FLAK 43 Wehrmachtschlenner w/ 37mm AA	5

INFANTRY

G574	GRANATWERFER 42 120mm w/ SdKfz 351 2/2	2/2/2
G541	LATE WAR IND INFANTRYMEN Action poses	60+
G542	LATE WAR IND. HEAVY WEAPONS LMGs, HMGs, mortars	50+

WEHRMACHT 47 OPPONENTS

WEHRMACHI

E-75 Wehrmacht '47's schewerePanzerKampWagen; the Tiger III

TANKS PRODUCT VEHICLES NUMBER DESCRIPTION N532 CENTURION Mk I UK main battle tank used in Korea. **TANKS** N529 M26E4 SUPER PERSHING US main battle tank; Korea vet 5 PANTHER IIF Prototype with 88mm gun and schmal turret N548 M46 PATTON US medium tank used in Korea 5 G538 E-50 Wehrmacht '47 main battle tank; the Panther III W82 T-44/100 Russian early Cold-War MBT; saw service in Egypt!

G531 E-10, Movement Posture Wehrmacht '47's Hetzer I	I 5	N533	TORTOISE (A30) LIK cuper heavy calf propelled cup	3
SELF-PROPELLED GUNS & ROCK	ETS		SELF-PROPELLED GUNS	
G87 MAUS Super-heavy tank used in the final defense of the I	Reich 2	N568	T30 US heavy tank	4
G140 E-100 Super-heavy tank under development when war end	led 3	W89	T-10 Russian early Cold War heavy tank. 8,000 made	5
G557 E 75 Wellinacht 47 3 senewerer anzerkamp wagen, the 11	germ	****	77.10	_

G531 E-10, Movement Posture Wehrmacht '47's Hetzer II	5	N533 TORTOISE (A39) UK super-heavy self-propelled gun	3
G536 E-10, Firing Posture with suspension lowered for low profile	5	N536 M19 US self-propelled twin 40mm Bofors – early "Duster"	2
G537 E-25 Heavy replacement for previous StuG models	5		2
G559 JAGDPANZER E-50 A real hunter-killer!	5	N538 T95 US massive 105mm self-propelled gun!	2
G563 JAGDPANZER E-75 Heavy tank hunter w/ 128mm gun	5	US98 T92 240mm HOWITZER MOTOR CARRIAGE	3
G544 WAFFENTRÄGER I/ PAK 43 SPAT with 88mm gun	5	ARMOURED CARS & APCs	
G579 88mm PAK 43 WAFFENTRÄGER	3	N539 FERRET Mk I UK Cold War scout car	
CCCC WARRENGE CER I/ EL AIZ 42	_	1933 FEINE I WIK I UK Cold War scout car)

G556	WAFFENTRÄGER I/ FLAK 43 SPAA with 3.7cm gun	5	N539	FERRET Mk I UK Cold War scout car	
	12.8cm PAK 44 WAFFENTRÄGER Pzkpfw hull w/128mm gun	3	N545	FERRET Mk II Widely used UK AC, mounts Saracen turret	
	GESCHÜTZWAGEN TIGER fur 17cm K72 w/ etched parts		N530	M39 US early Cold War fully-tracked APC	:
G567	150mm M. EINHEITSWAFFENTRÄGER 150mm Howitzer	5	W83	RTR-40 Russian early Cold War APC: widely exported	

WORLD WAR II MICRO ARMOUR®

1:285/6mm scale unpainted pewter miniatures 513.99 PER PACK











IT7 P40	Heavy Tank IT25 105mm Cannone w/SPA TL.37	No. of		Individual Heavy Weapons	100
0	LTALY	0	0	ROMANIA	0
PROE NUMI		CLES PACK	PRODU NUMB		
IT6	L 6/40 LIGHT TANK Early war tank with 20mm gun.	5	RA1	INDIVIDUAL INFANTRY Action poses.	60+
IT8	M 11/39 MEDIUM TANK Early tank with sponson-mounted 37mm	n. 5	RA2	INDIVIDUAL HEAVY WEAPONS	50+
IT1	M 13/40 MEDIUM TANK Improved 11/39 with a turreted 47mm.	5	RA3	47mm ATG Schneider import w/ prime mover.	2/2/2
IT7	P 40 HEAVY TANK Used during Italian campaign.	5	RA4	MALAXA CARRIER License built UE carriers.	6
IT22	L3-35 TANKETTE Very common track, use for L3-33.	7	RA5	TACAM R-2 Captured Soviet 76.2mm ATG on Pz 35(t).	5
IT9	SEMOVENTE 47mm Early war assault gun.	5	Other ed	quipment used by Romania in WWII but manufactured in other nations:	
IT3	SEMOVENTE 75mm Assault gun with Carro Commando vehicle.	4/1	FR5	RENAULT R-35 French infantry support tanks. 75 used 1940–1943.	5
IT4		2/2/2	FR15	RENAULT FT-17 At least 72 in Romanian inventory.	5
IT12		2/2/2	G131	Pz35(t) Czech Skoda tank; 126 exported to Romania principal in 1939.	5
IT14	BREDA 20mm PORTEE Mounted on an SPA35 medium truck.	5 3	G15	SdKfz 222 & 223 Ubiquitous four-wheeled cars; 223 is radio car.	4/1
IT26 IT13	90mm AA PORTEE Mounted on an 3RO heavy truck. 47mm ANTI-TANK GUNS Towed & deployed w/ PM.	2/2/2	G27	PzIII M & FLAMM 10 purchased by Romania; lost at Stalingrad.	5
IT5	3RO LANCIA TRUCK Heavy truck.	5	G64	PzIV F1 Mounted short 75mm howitzer; most lost at Stalingrad.	5
IT15	SPA35 DOVUNQUE Medium truck.	5	G548	PzIV H Romania bought 90 of these workhorses after Stalingrad.	5
IT29	FIAT 626 Medium truck.	5	G84	StuG III G & StuH 42 More post-Stalingrad armour!	5
IT2	AUTOBLINDA 41 Standard Italian armoured car.	5	-		
IT24	SAHARIANA Desert raiding trucks, w/ MGs, 47mm AT, 20mm AAGs.	5	0	<u> </u>	0
IT28	75mm CANNONE w/ SPA TL.37 Most common gun in It. service	2/2/2	H1	TURAN I/II Standard medium tank 1943–1945.	5
IT20		2/2/2	H2	TOLDI I/IIa Light tank used throughout war.	5
IT25	105mm CANNONE w/ SPA TL.37 One of Italy's best guns.	2/2/2	Н3	NIMROD Self-propelled AA on Toldi chassis.	5
IT10	INFANTRY COMPANY (squad stands) 10 st	ands	H4	ZRINYI II Self-propelled gun with 105mm.	5
IT16	INDIVIDUAL INFANTRYMEN In action poses.	60+	H5	CSABA Common Hungarian armoured car.	5
IT17	INDIVIDUAL HEAVY WEAPONS HMGs, mortars, LMGs, etc.	50+	Н6	47mm ATG & TRUCKS Skoda gun; common.	2/2/2
IT11	BERSAGLIERI Elite rifle company personnel (squad stands). 10 st	ands	H7	RÁBA BOTOND 38M Medium truck.	5
IT18	INDIVIDUAL BERSAGLIERI Elite troops in action poses.	60+	Н8	INDIVIDUAL INFANTRYMEN Action poses!	60+
IT19	BERSAGLIERI HEAVY WEAPONS HMGs, mortars, LMGs, etc.	50+	Н9	INDIVIDUAL HEAVY WEAPONS HMGs, LMGs. mortars etc.	50+
IT21	INDIVIDUAL ARTILLERY CREWMEN Action poses.	50+	Other ed	quipment used by Hungary in WWII but manufactured in other nations:	
IT23	ARTILLERY CREWMEN—DESERT Short sleeves, bare backs, etc.	50+	IT22	L3-35 TANKETTE Very common track, use for L3-33.	7
0	JAPAN	0		HETZER 75mm gun on enclosed 38(t) hull.	5
Charles .	البالليا الباك		G64	PzIV F1 Last version of MkIV to mount short 75mm howitzer.	5
J1	KYU-GO TYPE 95 Light tank with 37mm gun.	5	G549	PzIV F2 Armed with KwK40 L/43 75mm gun. All new design work!	5
J10	CHI-HA TYPE 97 Common medium tank with 57mm gun.	5		PzIV H with L/48 75mm gun; features side skirts. All new design work!	5
J12	TYPE 89 TANK Medium tank.	5	G84	StuG III G & StuH 42 75mm gun and 105mm howitzer versions.	5
J2	SHINHOTO CHI-HA Medium tank w/high velocity 47mm gun.	5	G7	Pz38(t) Produced for the Wehrmacht following Czech annexation in 1939.	5
J13	TYPE 3 CHI-NU 1944 medium tank; about 150 made for home island			TKS TANKETTE Most common Polish track.	5
J5 J9	KA-MI TYPE 2 Amphibious tank with and without buoyancy gear. TYPE 94 MEDIUM TRUCK Most common IJA truck.	2/2	FR3	HOTCHKISS H-39 Light tank, early version w/ 37mm SA 18 gun	5
J9 J6	INDIVIDUAL INFANTRYMEN Action poses.	60+	0	<u> </u>	0
J7	INDIVIDUAL HEAVY WEAPONS	50+			
J3	"B" INFANTRY COMPANY Less weapons section. 10 sta		FN1	·	60+
J4	•	5/2/2	FN2		50+
J11	TOKU DAIHATSU 17m Capacity: Type 97 tank or 100 men.	1	FN3	BT-42 Made from captured BT-7s.	5

J5 J11
Ka-mi Type 2 Toku Daihatsu

1:285/GMM SCALE UNPAINTED PEWTER MINIATURES WORLD WAR II MICRO ARMOUR' \$13.99 PER PACK R44 GAZ AA SU-76i Truck R51 R2 T-34/85 **IT-28** Bridgelayer ZIS-5 Fuel VEHICLES PER PACK PRODUCT NUMBER PRODUCT NUMBER VEHICLES DESCRIPTION DESCRIPTION PER PACK **TANKS** SOFTSKINS, AFVs, ARMOURED CARS & TOWED GUNS 5 ZIS-5 TRUCKS Heavy Soviet-built truck R27 BT-5 Fast tank armed with a 45mm gun, introduced in 1933 R70 ZIS-5 FUEL Common Russian fuel truck R80 **BT-7** Early turret. (Batch #6 Releases) R72 ZIS-5 RADIO & WORKSHOP ZiS variants 2/3 R33 5 BT-8 Fast tank with all welded hull R75 ZIS-5 TRANSPORT/BUS 5 R25 T-26 Light tank used during Finnish & Barbarossa campaigns. 2 R57 ZIS 42 HALFTRACKS Soviet-built hauler R52 T-35 Early-war heavy tank saw combat w. 8th Mechanized Corps 5 R79 R15 T-60A Recon tank; nonamphibious version of the T-40 with 45mm gun **BA-6** (Batch #5 Releases) R14 R20 6 BA-64 Light armoured car based on GAZ 67 **T-70** Recon tank with 45mm gun; replaced T-60 starting in 1942 5 R29 R53 T-28 Early-war tank with L-10 76.2mm gun turret and two MG turrets BA-20 Early-war armoured car R77 T-34/76 MODEL 1940 1940 appearance; first of T-34 line 5 R45 BA-10 Armoured car with turreted 45mm gun 5 R1 T-34/76 MODEL 1941 Two versions from two factories R23 VT-34 Recovery vehicle based on T-34 T-34/76 MODEL 1942 Two versions from two factories R17 5 R51 IT-28 BRIDGELAYER Converted to combat bridge T-34/76 MODEL 1943 Two versions from two factories 5 R18 R38 45mm AT & 76mm INFANTRY GUNS w/ limbers, PMs 2/2/2/2 T-34/76 MODEL 1943 w/ PT-3 MINEROLLER Great model! R 58 R46 57mm ANTI-TANK GUNS Deployed guns with crews 5 R2 T-34/85 Two versions from two factories R13 76.2mm CRASH BOOM Dual-purpose deployed field gun, crews 5 5 R3 KV-1 Early heavy tank with 76mm gun R59 76.2mm MODEL 1936 AT GUNS w/ T-26T prime mover 2/2/2 R24 KV-1/1940 Two versions from two factories 5 R41 2/2/2 100mm ANTI-TANK GUNS Towed & deployed, with trucks 5 R26 KV-1S "Fast" version of KV tank R19 HOWITZERS 122mm and 152mms with prime movers 2/2/2 5 R4 **KV-2** Early war tank with a 152mm howitzer mounted in a massive turret R31 203mm HOWITZER '35 Two prime movers included 2/2/2 5 R7 **KV-85** Interim heavy tank with 85mm gun; lead to Stalin series R78 M1937 ML-20 towed 152mm howitzer (Batch #3 Releases) 5 R5 **JS-2** Stalin tank with 122mm gun; two versions **INFANTRY & CAVALRY** 5 R73 **JS-3** All new design work! 5 R69 M4A2 75mm SHERMAN Lend-lease, 3664 received M1938 120mm MORTAR w. GAZ prime mover R68 2/2/2/2 5 R76 M4A2 SHERMAN w/ Bulged turret R48 INDIVIDUAL INFANTRYMEN #1 Action poses 60 +**AEROSANS** R64 INDIVIDUAL INFANTRYMEN #2 More poses! AT rifles... 60 +R49 INDIVIDUAL HEAVY WEAPONS LMGs, 50mm mortars... 50 +R62 RF-8 & NKL-26 AEROSANS Prop-driven sleds 2/2 R60 WINTER INDIVIDUAL INFANTRYMEN Action poses 60 +RIVERINE FLOTILLA R61 WINTER INDIVIDUAL HEAVY WEAPONS MGs, etc. 50 +\$19.99 R65 BKA-1125 w/ T-28 Turret Armoured gun boat. 1 per pack R54 INDIVIDUAL ARTILLERY CREWS Action poses 50+ \$19.99 R67 BKA-1125 w/ T-34 Turret Armoured gun boat. 1 per pack R55 IND. ARTILLERY CREWS—SUMMER 50+ R66 PG-117 Fast boats for your Volga Flotilla R34 RIFLE COMPANY Minus the weapons section (squad stands) 10 stands SELF-PROPELLED GUNS R32 RUSSIAN CAVALRY PACK Includes pack animals 24 5 R40 R36 12 SU-57 57mm anti-tank gun on Lend-Lease chassis HEAVY WEAPONS Guns, mortars, & MGs 5 R21 R74 TANK RIDERS Men sitting and crouching in 9 poses 50+ SU-76 Open-topped vehicle with 76mm gun 5 R37 SU-76i Captured PzIII with limited traverse 76mm gun 0 0 5 R6 SU-85 Enclosed 85mm anti-tank gun on T-34 hull 5 SU-100 Enclosed 100mm anti-tank gun on T-34 hull R10 P1 TKS TANKETTE Most common Polish track 5 5 R8 SU-122 Enclosed 122mm howitzer on T-34 hull P2 7TPdw MEDIUM TANK w/ twin MG turrets 5 5 R28 SU-152 Enclosed 152mm howitzer on KV hull P3 7TPjw LIGHT TANK w/ 37mm Bofors gun 5 R35 ISU-122/152 Late war self-propelled artillery 4 P4 5 WZ29 ARMOURED CAR Pre-war design SELF-PROPELLED ROCKET VEHICLES P5 WZ34 ARMOURED CAR Common armoured car 5 4 R30 BM/13N KATYUSHA 132mm truck-mounted rockets P6 IND. INFANTRYMEN Action poses, standard Polish helmets 60 +ZIS-6 w/ BM-13 KATYUSHA R71 4 P7 INDIVIDUAL HEAVY WEAPONS MGs, mortars, ATGs... 50+ ANTI-AIRCRAFT GUNS P8 CAVALRYMEN In czapska & w/pack horses 30 37mm MODEL 1939 AA GUNS with GAZ prime movers 2/2/2 R47 105mm ARMATA wz. 13 w/ C4P. Polish version of Schneider 2/2/2 R39 M17 Lend-Lease quadruple .50 caliber anti-aircraft halftrack 4 75mm ARMATA POLOWA wz. 1897 horsedrawn lt. artillery 2/2/2 GAZ AA TRUCK with quad-Maxim MMG mount R44 4 37mm BOFORS AT GUN w/ PZInz302 prime mover 2/2/2 4 R56 ZIS 42 w/ 37mm AA GUNS Halftrack w/AA TACZANKA Horse-drawn MG carts, common in Eastern Europe 4 SOFTSKINS, AFVs, ARMOURED CARS & TOWED GUNS P9-105mm Armata Polowa R12 GAZ 67B Light car; equivalent to jeep R42 GAZ TRUCKS Double and triple-axle trucks 3/2 STUDEBAKER Lend-Lease 2-1/2 ton truck R22 WZ34 Arm. Car

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PRODU NUMBI	V V	EHICLES PER PACK	PRODUC NUMBEI		EHICLES ER PACK
	TANKS			LANDING CRAFT continued	
US4	M3A1 STUART Early-war version of this light tank M3A3 STUART More than 3400 made!	5 5		LVT-3C 1200 modified from LVT-3s. Replaced by LVTP-5.	4
	M5/M5A1 STUART Mid-war Stuart; two versions	5		LVT-3C, Waterline Model Deployed in Korean War. LVT(A)4 Armed with open-turreted 75mm howitzer	6
	M22 LOCUST Light tank for UK. Also used by Belgium and Eg	ypt. 5	US127	LVT(A)4, Waterline Model (Batch #4 Releases)	_
US34 US2	M24 CHAFFEE Late-war light tank with 75mm gun M3 LEE Interim tank w/ turreted 37mm & sponson-mounted 75mn	5 1 5		LVT 4 WATER BUFFALO LVT 4 WATER BUFFALO, Wotorling Model	4
	M4A1 75mm SHERMAN Early-war cast hull tank	5		LVT 4 WATER BUFFALO, Waterline Model LCVP Landing craft; called Higgins Boat	3
US125	M4 SHERMAN—M344A1 Mantlet (Batch #1 Releases)	5	US47	LCM 3 w/ SHERMAN Heavy landing craft with tank	1/1
	M4 SHERMAN—Bulged Turret (Batch #6 Releases) M4A1 75mm SHERMAN—MODERNIZED	5 5		RECONNAISSANCE & UTILITY VEHICLES	
	M4A1 75mm SHERMAN split commander hatch, applique arr	nour 5	US19	M8 GREYHOUND Six-wheeled armoured car with 37mm gun	5
	M4A1 76mm SHERMAN Cast hull tank with 76mm gun	5		M20 UTILITY CAR Six-wheeled car with machine gun	5
	M4A2 75mm SHERMAN—No sand shield Used by US Ma M4A3 75mm SHERMAN—Early hull	rines 5		T8E1 RECON STUART Recon version of light tank M3 WHITE SCOUT CAR Reconnaissance vehicle	5 5
	M4A3 75mm SHERMAN—Late hull Most common US She	erman 5	0000	TANK DESTROYERS	
	M4A3 75mm SHERMAN 1943—M34A1 Mantlet	5	US21	M10 WOLVERINE 76mm gun in open-topped turret on M4A2	hull 5
	M4A3 75mm SHERMAN 1943—Bulged Turret on early M4A3 105mm SHERMAN Close support version	14A1 5 5		M36 JACKSON 90mm gun in modified turret on M10 hull	5
	M4A3 76mm SHERMAN Late-war Sherman	5	US17	M36B1 JACKSON 90mm gun in M36 turret on M4A3 hull	5
	M4A3E2 JUMBO Up-armoured assault Sherman	5		M18 HELLCAT 76mm gun in open-topped turret on fast chassis WC-55 DODGE M6 with 37mm ATG	5 5
US1 US32	M4A3E8 SHERMAN Late-war tank with 76mm gun M26 PERSHING Late-war heavy tank with 90mm gun	5 5		COVERY, TRANSPORT & BRIDGING VEHICL	
US50	SHERMAN ACCESSORIES Mine roller, dozer blade, callio	_			
	HALFTRACKS		US101	M31 ARV Armoured recovery vehicle built on Lee tank hull M32 ARV Armoured recovery vehicle on Sherman hull	2 2
US51	M3/M3A1 HALFTRACK Armoured infantry carrier	5	US72	M26 TANK TRANSPORTER with M4A3 Sherman	1/1
	M2 HALFTRACK Gun towing halftrack M2 & M3 DETAIL PACK Includes tarps, racks, gas cans, etc	5 A aat	US91	DIAMOND T WRECKER Common maintenance truck	2
	M16 MGMC with quadruple .50 cal AA machine guns	e. Asst 4	US156 I	M2 PONTOON BRIDGE w/ CORBITT 50SD6	\$59.99
US56	M3 w/ TARPAULIN Perfect for designating HQ units	5		SELF-PROPELLED GUNS & AA GUNS	
	M4A1 MMC MORTAR CARRIER with aft-firing tube T30 75mm GUN MC Mounting M1A1 howitzer	5 5		M8 HOWITZER CARRIER "M8 Scott." Stuart hull w/ 75mm M7 PRIEST Open-topped M3 hull mounting M1A2 105mm howit	
	M15A1 MGMC AA halftrack w/ 37mm gun & two .50 cal MGs	4		M12/M30 155mm gun in open-topped M3 hull with M30 ammo car	
	T19 105mm HOWITZER Early-war self-propelled howitzer	5		T92 240mm HOWITZER MOTOR CARRIAGE	3
US65 US66	M3 GMC Tank destroyer with M1897A version of the French "75" M15 SPECIAL Self-propelled 40mm Bofors anti-aircraft gun	, 5 4		M40 Open-topped M4 hull mounting M2 155mm GMC CCKW 353 BOFORS 40mm	3
0500	SOFTSKINS & AMPHIBIANS	•		M51 QUAD .50 TRAILER	5
US11	JEEP with trailers, machine guns, and recoilless rifle	8		TOWED GUNS	
	AMPHIBIOUS JEEP 4x4 amphibian; called "Peep"	5	US61	M1 75mm PACK HOWITZER w/ Jeeps: Airborne & USMC	3/3
US69 US39	M29C WEASEL Tracked amphibian WC-51 DODGE WEAPONS CARRIER Light 4x4 vehi	5 icle 5		M2A1 105mm HOWITZER Deployed mode, worldwide '39-	
	WC-54 DODGE AMBULANCE Served everywhere!	5		M1 155mm HOWITZER Deployed & towed modes M5 TRACTOR w/ 155mm HOWITZER Could go anywhe	2/2/2 ere! 2/2
US87	WC-56 DODGE COMMAND/RECON CAR Common F			M2 "LONG TOM" 155mm GUN w/ M4 Tractor Towed	2/2
US9 US38	1-1/2 ton CHEVROLET Hard cab 4x4 cargo truck 1-1/2 ton WEAPONS CARRIER Dodge vehicle; two versi	5 ons 5		M2 "LONG TOM" 155mm GUN w/ Mack NO 7.5t truck T	
US7	2-1/2 ton GMC, Hard cab one with pulpit MG mount	5		M2 "LONG TOM" 155mm GUN, deployed mode M1 8" HOWITZER WWII/Post-war super heavy, deployed mod	4 de 4
	2-1/2 ton GMC, Open cab version of standard truck	5		M1 240mm HOWITZER, deployed mode	3
	2-1/2 ton GMC SHORT WHEEL BASE 2-1/2 ton FUEL TRUCK Hard cab GMC tanker	5 5		40mm BOFORS towed by 2-1/2 ton GMC SWB	2/2/2
	2-1/2 ton DUMP TRUCK Hard cab GMC tipper	5		M1 57mm ANTI-TANK GUN w/ weapons carrier PM M5 76mm ANTI-TANK GUN w/ M2 prime mover	4/2 2/2/2
	2-1/2 ton WORKSHOP In every service unit!	4	0500	INFANTRY	
	2-1/2 ton COMPRESSOR & BREAKDOWNS GMC hard 6 ton CORBITT 50SD6 CARGO TRUCK	cabs 2/1 5	TICOA		A
	7-1/2 ton MACK NO Heavy truck	5		LIGHT AT WEAPONS 37mm ATGs & bazooka teams INDIVIDUAL INFANTRYMEN #1 Action poses	Asst. 60+
	DUKW 353 Amphibious truck	4	US95	INDIVIDUAL INFANTRYMEN #2 More poses & weapon	ns 60+
	CARGO TRAILERS Cargo and POL trailers US TRAILERS Tarp-covered, hard top, and open trailers	4/4 2/2/2		INDIVIDUAL HEAVY WEAPONS LMGs, 50mm mortars	
	LANDING CRAFT			WWII US MARINE INFANTRY WWII US MARINE HEAVY WEAPONS	60+ 50+
US155	LCT-5 Two LCT-5s	\$59.99	US92	INDIVIDUAL PARATROOPERS Action poses	60+
US44	LVT 2 Tracked amphibian; called amtrac	4		IND. PARATROOPER HEAVY WEAPONS LMGs, mort	
	LVT 2, Waterline Model with infantry load LVT(A)1 Armed with turreted 37mm gun	6		INDIVIDUAL ARTILLERY CREWMEN Action poses INDIVIDUAL ARTILLERY CREWMEN—SUMMEI	50+ R 50+
	LVT(A)1, Waterline Model (Batch #2 Releases)	3			0 stands
US120	LVT-3 "Bushmaster" 2900+ made. Served until 1955.	4		HEAVY WEAPONS Mortars, MGs, bazookas, etc	Asst
US121	LVT-3, Waterline Model Could deliver 9,000 lbs of cargo by	water. 6	US53	SEATED ARMOURED INFANTRY Passengers and MGs	Asst

1:285/Gmm SCALE UNPAINTED PEWTER MINIATURES DRLD WAR II MICRO ARMOUR° STRAP PER PACK UK92 **UK99** 7.2" Gun Rolls T17E2 w/Scammell Royce **UK96** M3 Honey Individual Sikh Heavy Weapons INITED KINGDOM VEHICLES PRODUCT VEHICLES PRODUCT NUMBER DESCRIPTION PER PACK NUMBER DESCRIPTION PER PACK TANKS **SELF-PROPELLED & TOWED GUNS** Mk VI B LIGHT TANK Two versions of early tankette 4/1 UK36 UK56 SEXTON Self-propelled 25 pdr on Ram chassis UK118 LAND MATTRESS ROCKET Towed by 3-ton CMP Truck 2/2/2 UK11 M3 HONEY Early Stuart; Lend-Lease tank 5 UK115 CMP 3-ton w/BOFORS Self-propelled AA gun UK37 A9 CRUISER Early-war tank with 2-pounder gun 5 UK54 40mm BOFORS With Morris 4x6 tractor 2/2/2 5 UK38 A10 CRUISER Improved A9 with 2-pounder gun UK107 SELF-PROPELLED BOFORS AA on Morris 3 5 UK39 A13 CRUISER Final Cruiser variant; saw service in North Africa UK19 BISHOP Valentine hull mounting 25 pounder 5 UK29 CRUSADER I Desert service; with 2-pounder gun 5 5.5" GUN/HOWITZER, MATADOR PM Med. Regt. gun 2/2/2 UK66 UK30 CRUSADER III Up-gunned with 6-pounder gun 5 7.2" GUN/HOWITZER, SCAMMELL PM Hvy. Regt. gun 2/2/2 UK72 5 UK120 CRUSADER III w/AA Twin Oerlikon 20mm cannons, .303 MG UK49 2/2/2 **25 PDR HOWITZER** With CMP Quad tractor prime movers 5 UK18 VALENTINE Mk II Armed with 2-pounder gun UK53 5 ARCHER Late-war SP anti-tank 17 pdr. on Valentine chassis 5 UK25 VALENTINE Mks III & XI Two marks with desert service UK63 17 POUNDER ANTI-TANK GUNS w/Crusader PMs 2/2/2 5 UK20 CROMWELL Mk IV Issued to 7th Armoured Division in 1944 2/2/2 UK105 6 POUNDER ANTI-TANK GUNS w/T-16 carrier 5 UK23 COMET Late-war heavy tank mounting 17 pounder UK111 6 POUNDER w/ LOYD CARRIER 2/2/2 UK21 CHALLENGER Cromwell hull modified to take 17-pounder gun 5 2/2/2 UK45 6 POUNDER ANTI-TANK GUNS w/crews & PMs 5 UK16 M4A1 SHERMAN II Lend-Lease cast hull Sherman UK48 2 POUNDER ANTI-TANK GUNS w/crews & PMs 2/2/2 5 UK80 2 POUNDER PORTEE on CMP Type 11 chassis. 4 UK100 M4A2 75mm SHERMAN Lend-Lease with sand shield UK97 6 POUNDER PORTEE on Bedford chassis 3 UK57 M4A4 SHERMAN V D-Day and Italy tank 5 37mm BOFORS ANTI-TANK GUNS Interim desert ATG 2/2/2 UK79 UK65 LATE WAR SHERMAN V w/o skirts. Perfect for post-D-Day 5 UK64 BEF 25mm ANTI-TANK GUNS w/crews, Morris 15cwt PM 2/2/2 UK121 FIREFLY SHERMAN IC 17-pounder armed Sherman. 5 ARMOURED CARS 5 UK58 FIREFLY SHERMAN VC w/17-pdr. Best UK tank killer 5 MARMON HERRINGTON Mk II Recce car; N. African vet **UK116 SHERMAN TULIP** 4/1 $UK61 \quad \textbf{SHERMAN V w/ CRAB FLAIL} \ \text{Anti-mine tank, also used by US}$ 3 UK114 MARMON HERRINGTON Mk III 5 $UK62 \quad \textbf{SHERMAN DD} \ \ \text{Amphibious tank w/canvas skirts}$ ROLLS ROYCE ARMOURED CAR Important early war AC 5 4 UK92 5 UK15 ACHILLES US M10 up-gunned with 17-pounder gun 5 UK22 AEC Mk I ARMOURED CAR Used in North Africa 5 UK90 AEC Mk II ARMOURED CAR With 6 pounder 5 UK7 M3 GRANT Lend-Lease Lee tank UK91 AEC Mk III ARMOURED CAR With 75mm gun 5 5 5 5 UK95 MATILDA I Pre-War & France 1940 tank UK34 T17E1 STAGHOUND Mk I Saw service in 1943–1945 5 MATILDA II Early heavy tank with 2-pounder gun UK102 T17E1 STAGHOUND Mk III 5 UK10 CHURCHILL III Heavy tank with 6-pounder gun 5 UK99 T17E2 AA Variant of common armoured car UK122 CHURCHILL IV with cast turret. (Batch #1 Releases) 5 UK40 OTTER RECCE CAR Canadian built; mid-war vehicle UK55 CHURCHILL VII D-Day to VE-day heavy infantry support tank 5 UK46 DAIMLER ARMOURED CAR Served 1941–1945 UK32 CHURCHILL AVRE Armed with 290mm spigot mortar 5 UK67 HUMBER SCOUT CAR Very common recce vehicle UK101 CHURCHILL CROCODILE Flamethrower w/trailers 3 HUMBER ARMOURED CAR Mk II Entered service in 1940 UK51 UK85 CHURCHILL BRIDGELAYER Late-war combat engineer 2 UK47 HUMBER ARMOURED CAR Mk IV Entered service in 1944 UK113 HUMBER ARMOURED CAR Mk I SOFTSKINS, APCS, LANDING CRAFT & RECOVERY UK108 HUMBER ARMOURED CAR w/AA 5 UK109 T-16 SCOUT UK110 HUMBER LIGHT RECON CAR 5 5 **UK112 LOYD CARRIER** 5 UK50 DAIMLER DINGO SCOUT CAR Used throughout WWII 3 UK33 M5A1 & M9A1 Lend-Lease halftracks 4/1 UK93 AEC ACV DORCHESTER Germans used it too! 5 UK106 INDIAN PATTERN CARRIER Mk II India-made arm. car UK98 UNIVERSAL CARRIER 1000's made, used by the Allies 5 5 UK81 RAM KANGAROO Canadian Ram APC - late-war mainstay INFANTRY UK41 C-15 TA Armoured truck; used by Canadian Arm. infantry units 1944-45 5 **UK104 LIGHT AT WEAPONS** Asst UK28 MORRIS 15-cwt Light general service truck 5 UK59 INDIVIDUAL INFANTRYMEN #1 Action poses 60 +UK88 **BEDFORD OXD** 30cwt truck, common entire war, some in USSR! 5 UK96 INDIVIDUAL INFANTRYMEN #2 More action poses! 60 +5 INDIVIDUAL HEAVY WEAPONS #1 LMGs, etc. 50 +UK89 **BEDFORD OYD** 3-ton truck, over 72,000 OYs were made '39-'45 UK123 INDIVIDUAL HEAVY WEAPONS #2 (Batch #3) 50+ UK24 BEDFORD QLT Late war general service truck 5 UK68 INDIVIDUAL ARTY. CREWS Action poses, standard uniform 50 +UK26 BEDFORD QLD & QLR 3-ton lorry and radio van 4/1 UK69 IND. ARTILLERY CREW—Tropical 6 different poses 50 +UK52 THORNYCROFT 4x6 General service truck 5 IND. INFANTRYMEN—Desert Battle bowlers & bloomers... UK70 60 +UK94 DIAMOND T 4-ton general service truck 5 UK71 IND. HEAVY WEAPONS—Desert MGs, mortars... 50 +UK117 CMP 8-cwt CHEVROLET C8A body 1C7. Used by Brits, Canadians UK73 IND. INFANTRYMEN—Sikh Tropical kit, in turbans 60 +UK42 CMP 15-cwt TRUCK Type 13 cab: common mid-late war light truck INDIVIDUAL HEAVY WEAPONS—Sikh mortars, etc. UK74 50 +UK43 CMP 3-ton TRUCK Type 13 cab: common mid-late war med. truck UK75 IND. INFANTRYMEN—Digger hats Tropical kit 60 +UK82 CHEVY 30-cwt LRDG TRUCK "Must-have" for desert scenarios! 5 INDIVIDUAL HEAVY WEAPONS—Digger hats 50+ UK76 UK86 SAS JEEP Armed to the teeth! 5 UK83 INDIVIDUAL PARATROOPERS Red Devils in action poses 60 +SCAMMELL RECOVERY VEHICLE REME mainstay 3 50+ UK84 IND. PARATROOP HEAVY WEAPONS MGs, PIATs... UK78 SCAMMELL TANK TRANSPORTER RASC/REME Hauler 1/1 UK27 RIFLE COMPANY Less the weapons section (sqd. stands) 10 stands UK103 LCA Landing Craft Assault 3 UK44 **HEAVY WEAPONS** Mortars, MGs, PIATS, & ATRs Asst UK119 LVT-4 Rear ramp, side MGs, 20mm Polsten gun 4 UK35 ARMOURED INFANTRY Halftrack passengers & MGs Asst



1:285/6mm SCALE UNPAINTED PEWTER MINIATURES MODERN MICRO ARMOUR® \$13.99 PER PACK -N568 M48A5 VEHICLES PER PACK PRODUCT NUMBER PRODUCT NUMBER VEHICLES DESCRIPTION DESCRIPTION PER PACK TANKS & SELF-PROPELLED GUNS APCs, CARRIERS & IFVs continued N529 M26E4 SUPER PERSHING Wehrmacht '47 & Korea. 5 M106A1 4.2" mortar version of M113A1. 6 AMPV Amoured Multi-Purpose Vehcile. General purpose version. 5 VN15 M41 WALKER BULLDOG Light tank; widely exported. 5 N647 N14 M114A1 1960-70s reconnaissance vehicle. 5 M551A1 SHERIDAN Light reconnaissance tank with 152mm gun. N569 M132 ZIPPO Vietnam-era flamethrower. N548 M46 PATTON Cold War medium tank. 5 N19 M163 VULCAN Anti-aircraft Gatling gun on M113 hull. 5 N77 M47 PATTON 1960s tank; widely exported. N49 M901 ITV Cherry picker TOW launcher. 5 N640 M48 Plain first generation M48 tank. N50 M548 CARGO CARRIER Based on M113 hull. N516 M48A3 PATTON 1960s tank; saw service in Vietnam. 5 N51 M577 M113 Command vehicle. 5 N17 M48A5 PATTON Pack includes five 105mm & two 90mm turrets. N606 M577 w/ DEPLOYED TENT 5 N501 M60A1 Cold War MBT - widely exported. M2 / M3 BRADLEY Infantry fighting vehicle. 5 N607 M60A2 152mm gun. First deployed 1975; Europe in late 1970s. N101 M2A2 BRADLEY Improved version of this US IFV. 5 N98 M60A3 Late Cold War MBT, widely exported. N547 M2A3 BRADLEY Improved variant, ERA, has CIV on turret. M60A3 w/REACTIVE ARMOUR USMC 1980s & early '90s. 5 N99 N517 COUGAR 4x4 APC designed for IED protection. 5 N34 M1 ABRAMS Turbine engine US tank. N526 COUGAR 6x6 Larger version of popular MRAP. 5 N522 FAV Fast Attack Vehicle - armed dune buggy! 5 M1A1 ABRAMS Front line US tank with 120mm gun. 5 N122 M6 LINEBACKER AAA version of M2. 5 N115 M1A2 ABRAMS Most current version fielded today. N531 M1A2 TUSK ABRAMS MBT w/ Tank Urban Survival Kit. 4 **AMTRACKS & AMPHIBIANS** 4 N632 M1A2 SEP ABRAMS TUSK II Up-graded TUSK Abrams. N159 USN LCAC ASSAULT TEAM 2 LCACs, 2 tanks. \$59.99 $N596 \quad M103A2 \quad \text{Heavy tank used by US 1957-74}.$ 5 $N500 \quad LVTP \ 5 \quad {\rm Vietnam \ War \ era \ infantry \ amphibious \ craft}.$ 4 N538 T95 Use with Wehrmacht '47! Massive 105mm SP gun. 2 N42 LVTP 7 Amphibious APC; infantry, command, & engineer versions. 2/1/1 4 N568 T30 Heavy tank. Great as a Wehrmacht '47 opponent! N143 AAVP7-A1 Amphibious APC; infantry version - in service today. N144 AAVR7-A1 & AAVC7-A1 Engineer & command versions. 3/1 SELF-PROPELLED & TOWED ARTILLERY STRYKERS & LAVs 5 VN10 M56 SCORPION Self-propelled 90mm gun. 5 N68 LAV 25 Amphibious Marine and RDF wheeled APC, recon. 5 N575 M37 105mm HOWITZER MOTOR CARRIAGE 5 N69 LAV AT Anti-tank missile version. N583 M41 HOWITZER "M41 Gorilla." 155mm howitzer motor carriage. 5 N109 LAV LOG & C2 Logistic and Command-Control vehicles. 2/3 N62 M110A2 Self-propelled 8-inch howitzer. 5 N110 LAV REC & MORTAR Recovery LAV and 81mm mortar carrier. 1/2 N595 M102 105mm HOWITZER Towed light howitzer. 2/2/2 N609 M1126 STRYKER w/ JAVELIN 5 2/2/2 N521 M119 GUN Towed 105mm howitzer w /HMMWV prime mover. N610 M1296 STRYKER DRAGOON w/ 30mm gun. 5 N599 M114 HOWITZER 155mm used by over 40 countries! 2/2/2 5 N136 M1126 STRYKER IFV Prototype IBCT infantry AFV. N104 M198 GUN Towed 155mm howitzer. 2/2/2 N504 M1126 STRYKER IFV w/ appliqué armour Used in Iraq. 5 N551 M777 155mm HOWITZER w/ FMTV 2/2/2 N502 M1127 STRYKER CAV Recon version; deployed now. N567 M142 HIMARS aka M142 (High Mobility Artillery Rocket System) 5 N137 M1128 STRYKER MGS & M1131 FSV 105 gun, FO versions 4 M270 MLRS Rockets with cluster-bomb payloads. N509 M1129 STRYKER MC Mortar carrier. 5 N658 MIM-72/M48 CHAPARRAL Used by Taiwan, others. (Batch #6) N508 M1130 STRYKER COMMAND & M1133 MEV (ambulance) M109 & M109A1 Five self-propelled guns w /two M109 turrets. 5 N38 N511 M1132 STRYKER ESV Engineer Strykers. 3 5 N118 M109A6 PALADIN Modern version of classic US SP gun system. N503 M1134 STRYKER AT w/ modernized TOW launcher. 5 5 N644 M109A7 Updated M109, delivered beginning 2015. N505 STRYKER SLAT ARMOUR Stainless etching (vehicles not included) N121 M992 FAASV Ammunition vehicle for M109A6 Paladin. 5 **SOFTSKINS & ARMOURED CARS** APCs, CARRIERS & IFVs N147 M151A2 & M825 MUTT 105mm recoilless rifle & SAW. 7 7 5 N149 M151A2 & M825 MUTT TOW & SAW. N530 M39 APC W '47 & early Cold/Korean wars fully tracked troop carrier. N63 $N536 \quad M19A \; SPAA \quad {\sf Early \; Cold \; War \; \& \; Korean \; War \; track \; w \; /twin \; 40mm \; Bofors.}$ 5 5 M1025 HMMWV Ubiquitous US scout & HQ car. 6 N3 M113A1 Vietnam era APC; widely exported. N513 M1025 HMMWV w/ AOA Operation Iraqi Freedom, up-armoured. 6 N25 M113A1, Armoured Cavalry 5 N518 M1114 HMMWV Turreted "hummer." 5 N70 M113A3 w/Applique Armour N79 M966 HMMWV TOW Mounting TOW AT missile. 5

M1037 HMMWV S250 & S250E Signals HMMWVs.

N105 M998 2 & 4 DOOR HMMWV HQs & HQ Company vehicles.

3/2

5

M113A1/TOW Fighting infantry support and tactical vehicle.

M125A1 81mm mortar carrier on M113 hull.

N4



1:285/GMM SCALE UNPAINTED PEWTER MINIATURES MODERN MICRO ARMOUR' STB.99 PER PACK N588 N533 N566 N66 **M113 FSV** AMX-10P MERN VEHICLES PER PACK PRODUCT NUMBER PRODUCT NUMBER DESCRIPTION 5 N558 LAV III TUA Tow Under Armour. 5 N650 AJAX Troubled light tank in development to replace Scorpions. 5 N561 LAV III ELAV Engineering vehicle. 3 N532 CENTURION Mk 1 Wehrmacht '47 opp & early Cold War MBT. 5 5 N580 CENTURION Mk 5 Post-war main battle tank. N649 LAV 6.0 Extensive upgrade of 616 Kodiak APCs. 3 N633 TEXTRON TAPV Canadian Tactical Armoured Patrol Vehicle. 5 N533 TORTOISE (A39) W'47 opponent; super heavy anti-tank gun. FV4201 CHIEFTAIN Mk V Widely exported tank. 5 N636 BISON APC Canada and Australia. 5 FV4030 CHALLENGER 1 Main battle tank used in Desert Storm. N565 GELANDEWAGEN 4-door hard top. 5 N55 N102 FV4030 CHALLENGER 1 (IMPROVED) As used in Gulf War. 5 N553 M1A1 ABRAMS AIM (SA) Australian-used Abrams. 5 N130 FV4034 CHALLENGER 2 21st century British main battle tank. N554 BUSHMASTER IMV Aussie Infantry Mobility Vehicle. 5 5 5 N557 ASLAV Australian/Canadian version of LAV 25. N578 CHALLENGER 2 (TES) 5 5 N572 FV510 AKA "Warrior." New, updated design! N564 M113AS4 Extended Australian upgrade of M113. N573 FV510 (IMPROVED) New, updated design! 5 N566 M113 FSV with Saladin 76mm Aussie "Beast." 5 N59 FV103 SPARTAN Armoured personnel carrier based on Scorpion hull. 5 \$: V: \\ \ | H = 2 : 4 \\ | \$ | 1 | 1 | 1 | 1 | 1 | 1 | 0 N88 FV432 TROJAN Tracked APC; in use 1960s through today. 5 5 N89 FV432 MORTAR 81mm mortar on FV-432 hull. 5 N106 AMX-13 (75mm) French light tank with automated turret. 5 N555 FV432 MK. 3 BULLDOG Reactive armour, in Iraq/Afghan. 5 N113 **AMX-13 (90mm)** AMX up-gunned with a 90mm. 4 N134 FV434 REME Recovery track. 5 AMX-30 B2 French main battle tank used by Gulf coalition forces. 4 N141 FV436 w/ CYMBELINE Counter-battery directors. 5 N634 AMX-30 w/ ROLAND SAM 5 N142 FV439 SIGNALS Command & Control track. 5 N116 LECLERC MBT Newest French main battle tank. 5 FV438 SWINGFIRE AT missile launcher on FV-432 hull. N90 N540 AMX-VCI Widely exported APC, early IFV. 5 5 N611 ALVIS STORMER HVM with Starstreak surface to air missile. N66 AMX-10P French armoured personnel carrier used by Gulf coalition. 5 5 N515 **AT-105 SAXON** '80s through today wheeled APC, exported too! N544 VBCI Current IFV, 8-wheeled replacement for AMX 10P. 5 5 N92 FV603 SARACEN 1960s era six-wheeled APC. N643 EBRC JAGUAR 6-wheel armoured recon/combat vehicle. 5 5 FV601 SALADIN Armoured car with 76mm gun. N542 AMX-10RC Amphibious, used for recon/fire support. 5 5 N539 FERRET Mk I Early Cold War scout car. N520 VBL Panhard recon vehicle. 5 5 N545 FERRET Mk II Widely used AC, mounts Saracen turret. N635 VBMR GRIFFON Multi-role armoured vehicle. 5 N114 FOX ARMOURED CAR FV721; Common recon 1965–1996. 5 N614 CAESAR ARTILLERY SYSTEM French mobile 155mm how. N135 AS-90 BRAVEHEART 155/39 SP howitzer entered service 1990s. 5 N107 155mm GCT SPH French self-propelled artillery. 5 2/2/2 N528 L118 105mm GUN Howitzer w/ Pritzi prime mover. 5 N112 VAB-VCI (4x4) Renault built four-wheeled French APC. N119 SABRE Newest tracked recce vehicle. 5 5 N519 VAB ATGM Four-wheeled VAB w/ Mephisto ATGM. N56 FV101 SCORPION 76mm Tracked recon vehicle; used in Falklands. FV101 SCORPION 90mm Up-gunned Scorpion variant. 5 N57 5 N108 VAB-VCI (6x6) Renault built six-wheeled French APC. 5 N598 ERC 90 SAGAIE 6-wheeled vehicle w/90mm gun. 5 N58 FV107 SCIMITAR 30mm turret on Scorpion hull. 5 5 N60 FV102 STRIKER AT missiles on Scorpion hull. N576 PANHARD EBR 8-wheeled AC, introduced 1954. 5 N628 TRACKED RAPIER SAM on modified M548 hull. AML H-60 & H-90 Armoured cars with 60mm & 90mm gun turrets. 5 PANTHER CLV / IVECO LMV Light Multi-role Vehicle. 5 5 N591 PEUGEOT P4 Light, unarmoured vehicle. 5 N133 LAND ROVER DEFENDER 90 Serves everywhere. 5 N581 MARMON S.U.M.B. Light truck used since early '60s. N582 LAND ROVER DEFENDER 110 4-door hard top. 5 N543 BERLIET GBC 8KT 1000's made, in use late '50s to today. 5 N145 WARMINSTER LAND ROVER 110 Open top recce car. 5 5 N534 RENAULT GBC 6x6 Common French utility truck. 5 N138 TRUCK UTILITY MEDIUM (TUM) Light truck. N100 YPR 765 Dutch infantry fighting vehicle. 5 5 N148 LEYLAND DAF Common medium truck. YPR 765 TOW Cherry picker TOW launcher mounted on Dutch IFV. 5 N629 JACKAL Armoured car; recon and fire support. 5 N123 SHERMAN w/ AMX TURRET Egyptian use. 5 5 N639 COYOTE 6x6 Canadian reconnaissance armoured car. N562 MODERN INFANTRY, 21st Century 60 +N626 MASTIFF w/ BIRDCAGE UK version of Cougar 6x6. N563 MODERN HEAVY WEAPONS, 21st Century 50+ N29 FV4019 CENTURION MkV British engineer vehicle. 4 N608 TITAN Challenger 2-based bridger. 1 0 N613 CRARRV Armoured recovery vehicle based on Challenger 1. 1 N588 ARIETE main battle tank. 5 N139 INDIVIDUAL UK INFANTRY Action poses. 60+ N589 CENTAURO 105mm Wheeled tank destroyer. 5 N140 INDIVIDUAL UK INF. WEAPONS AAA, MGs, mortars, Milan... N638 MODERN INDIVIDUAL HEAVY WEAPONS—21st Century! 50+ N593 FRECCIA IFV 8x8 variant of the Centauro with 25mm autocannon. 5 N651 LEOPARD 2A4M Canada. 5 N612 SIDAM 25 M113-based quad AA. 5 5 N550 LEOPARD 2A6M CAN Canadian Leopard variant. N627 DARDO IFV Tracked, with 25mm autocannon. 5 5 N552 ADATS Canadian M113 missile based AT and AA system. N654 FH-70 155mm HOWITZER (Batch #2 releases)

N556 LAV III KODIAK Light armoured vehicle with 25mm chain gun.



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M35 Gun Truck	
	AC57
VN7 LCM 8	AC87 F/A-18E Super Hornet Huey Slick
 VIETNAM WAR 	NATO AIRCRAFT
PRODUCT VEHICLES NUMBER DESCRIPTION PER PACK	PRODUCT VEHICLES NUMBER DESCRIPTION PER PACK
ARMOURED VEHICLES	FIXED-WING AIRCRAFT
VN15 M41 WALKER BULLDOG Light tank; widely exported. 5	AC45 MQ-1B PREDATOR Armed American UAV. 2
VN23 M42 DUSTER SPAA, great for anti-sniper ops! 5 N516 M48A3 PATTON Largest US tank in the war. 5	AC93 MQ-9 REAPER Huge drone, 3800lb payload, long range . 1
N516 M48A3 PATTON Largest US tank in the war. 5 VN25 M50A1 ONTOS USMC oddity w/ 6 recoiless rifles! 4	AC46 V-22 OSPREY VSTOL USMC transport.
N25 M113A1 Armoured cavalry version.	AC86 F-14A TOMCAT Primary US fighter, used 1974-2006.
N569 M132 "ZIPPO" Vietnam era flamethrower. 5	AC112 F-22 RAPTOR Modern US fighter. 1
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N575 M37 105mm HOWITZER MOTOR CARRIAGE 5	AC109 F-33C Aircraft carrier variant. AC87 F/A-18E SUPER HORNET Larger Hornet, larger payload, range 1
VN10 M56 SCORPION Self-propelled 90mm gun. 5	AC122 DASSAULT MIRAGE 2000 France, Egypt, UAE, etc. 1
VN16 M35 GUN TRUCK #1 w/ Quad .50 cal mount. 4 N500 LVTP 5 Vietnam War era infantry amphibious craft 4	AC126 DASSAULT RAFALE France
1000 EVII & Vicinaii wai cia intantry ampinorous ciar.	AC137 EUROFIGHTER TYPHOON 600+ used all over!
INFANTRY	AC138 AIDC F-CK-1 CHING-KUO Taiwanese; 131 made.
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	AC40 AIRCRAFT STANDS Cruciform bases with 1/16" steel wire. 5
	ROTARY-WING AIRCRAFT
	AC11 OH-6A CAYUSE Hughes helicopter with mini-gun. 2
	AC12 MD 500 DEFENDER Hughes Cayuse with TOW. 2
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VN1	AC57 UH-1B HUEY "SLICK" Vietnam era utility helicopter. 2
	AC58 UH-1B HUEY GUNSHIP Vietnam era attack helicopter. 2
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	AC26 UH-60A BLACKHAWK US troop carrier & utility helicopter.
AC80 F-86A-5 SABRE Postwar jet fighter, 1000's made. 2 AC4 F4E PHANTOM Multi-role Vietnam era fighter; widely exported. 1	AC35 MH-60Q PAVE HAWK Special Forces Blackhawk. 1
AC4 F4E PHANTOM Multi-role Vietnam era fighter; widely exported. 1 AC102 F-5E "Tiger II." 1	AC36 UH-60L BLACKHAWK Current version. 1
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AC60 A-1H SKYRAIDER Vietnam era ground attack workhorse.	AC51 AH7 LYNX British & Export recce and attack bird.
AC128 A-4F SKYHAWK In use up to 2001.	AC54 AS532 COUGAR British troop carrier and utility 'copter. 1
AC68 O-1 BIRD DOG Vietnam era observation & evac plane. 2	AC55 ALLOUETTE III Cold-War French and export utility helicopter.
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AC107 A-37 DRAGONFLY 2	AC71 NH-90 New European / NATO utility helicopter.
AC6 F16 FALCON Current US multirole fighter; widely exported.	AC25 BO 105 German assault helicopter. 2 AC90 EUROCOPTER TIGER HAP French Army combat support
AC13 TORNADO MRCA Long-range, all-weather NATO interceptor.	AC90 EUROCOPTER TIGER HAP French Army combat support. 1 AC96 EUROCOPTER TIGER ARH Aussie attack copter variant. 1
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1:285/Gmm SCALE UNPAINTED PEWTER MINIATURES DDERN MICRO ARMOUR[®] \$13,99 PER PAGK TOS-1 Ural-375 D D30 122mm Howitzer Buratino D'\ H PRODUCT NUMBER VUHI-BOIAES VEHICLES PER PACK PRODUCT NUMBER DESCRIPTION DESCRIPTION Biackhawk TANKS SELF-PROPELLED ARTILLERY & AT WEAPONS 5 W89 W64 MTSA-S 152mm SP HOW. (2S19) Now deployed with CIS forces **T-10** Early Cold War Russian heavy tank, 8,000 made. 5 T-44/100 Wehrmacht '47 & early Cold War main battle tank. SAU-122 (2S1) Turreted 122mm self-propelled artillery 5 PT-76 Amphibious tank with 76mm gun. W33 SAU-152 (2S3) Turreted 152mm self-propelled artillery 5 5 W103 T-54 W75 BM-14-16 Cold War MLR, widely exported 5 W43 T-55A 1950s era tank; revolutionary design, widely exported. W48 BM-21 Truck-mounted multiple rocket launcher W114 T-55AM2 Czech tank. 5 W108 BM-27 URAGAN Russian MLRS 5 W44 T-55M Final version of the T-55; still in service. W102 BM-30 SMERCH Multiple rocket launcher system 2 W100 T-55 MV with explosive reactive armour. 5 W80 TOS-1 BURATINO T-72 w/ MLR turret W92 T-62 Completely new design work! Thousands made. 5 W117 2S7 PION T-80 based 203mm SPG. Russia and many more! W93 **T-62A** Later version of widely used MBT. 5 W38 2S9 SO-120 Airborne 120mm mortar carrier 5 W36 T-64 Improved suspension; with self-loading 125mm gun. 5 W128 2S25 SPRUT-SD Self-propelled anti-tank gun. (Batch #1 Releases) W105 T-64 BM 5 W12 BRDM-1 SWATTER & SAGGER Two versions 2/3 5 W81 T-72 M1 Really important main battle tank. W4 5 BRDM-2 / SAGGER Anti-tank rocket launcher on scout car 5 W107 **T-72 B3M** Upgraded T-72. W23 BRDM-3 / AT5 Front line anti-tank missile vehicle 5 W85 T-72 M1 w/ REACTIVE ARMOUR New model! W106 TIGR, KORNET ATGM 5 W101 T-72 TUSK W104 ZiL 157 w/KATYUSHA 4 W28 **T-74** Variant of the T-72 main battle tank 5 5 **ARTILLERY & ARTILLERY VEHICLES** T-80 Soviet main battle tank; layered armour similar to Chobham armour 5 T-80 w/REACTIVE ARMOUR With appliqué armour W52 5 AT-T TRACTOR Artillery tractor and heavy transporter 5 T-80U Common late-90s MBT W54 ACRV I & II Tracked artillery support vehicles 3/2 W125 T-84 Ukrainian version of Soviet T-80. Entered service 1999. 5 W55 100mm ANTI-TANK GUN with MTLB prime movers 2/2/25 W67 **T-90** One of the newest Russian Army MBT D30 122mm HOWITZER with Ural 375D prime movers 2/2/2 W119 **T-90MS TAGIL** 5 W57 M46 130mm HOWITZER Includes prime movers 2/2/2 W123 T-14 ARMATA Newest Russian MBT W130 2A65 MTSA-B Towed 152mm howitzer. (Batch #2 Releases) APCs & IFVs **ENGINEER & SOFTSKIN VEHICLES** 5 W83 BTR-40 Wehrmacht '47 & Early Cold-War APC W129 BTR-4 Ukrainian. (Batch #1 Releases) W53 BTS-2T Armoured recovery vehicle on T-55 hull 3 5 W127 BREM-1 ARV Based on T-72 chassis. BTR-152 Open topped version. Must-have for Arab forces 5 W72 **BTR-152 K** Closed topped version W134 BTS-5B ARV T-72 based Ukrainian recovery vehicle. (Batch #3 Releases) 4 W74 BTR-152 U Command version W98 GAZ TIGR Multi-purpose, all-terrain vehicle 5 2/3 W17 BTR-60 P & PK Eight-wheeled APC; two versions W14 BRDM-2 SCOUT CAR One command and four scout cars 4/1 5 W20 BTR-60 PB R-60 version with a machine gun turret W37 OT-65 Czech-built scout cars 5 5 W30 BTR-70 Improved infantry protection by adding lower hull exit hatches W77 UAZ-469 w/ B-11 RcR Common recon vehicle 5 W131 **BTR-7** Ukrainian; upgrade of BTR-70 (Batch #2 Releases) 5 W78 UAZ-469 Ubiquitous canvas-top command vehicle 5 W61 BTR-80 Eight wheeled armoured personnel carrier W73 ZIL-157 Cold War truck; widely exported 5 W84 BTR-80/A Improved BTR-80 w/ 30mm gun W76 **ZIL-157K** Fuel bowser 4 W124 T-15 ARMATA Newest Russian IFV W49 GAZ-66 Two ton truck; widely exported 5 W87 BMP-T Urban IFV on T-72 chassis W118 GAZ-66 TANKER W90 BTR-T T-55 based Urban Fighting Vehicle 5 W47 URAL-375 D Medium truck W34 OT-64 Czech & Polish APCs; includes two different turrets 5 W110 KamAZ 4350 4x4 TRUCK 5/1 W21 BTR--50~ First Soviet tracked armoured personnel carrier; two versions W111 KamAZ 5350 6x6 TRUCK 5 W88 BMP-1 New design! 1st mass produced tracked IFV, widely exported. W112 KamAZ 6350 8x8 TRUCK 5 W35 **BMP-2** Common Russian infantry fighting vehicle. W120 KamAZ TANKER W132 BMP-2D with applique armour. (Batch #3 Releases) 5 W66 BMP-3 Latest tracked Russian IFV. 5 W91 KrAZ 214 Widely used Cold War truck 5 W26 BMD Airborne armoured personnel carrier W29 KrAZ-225B 7-1/2 ton cargo truck 5 W94 BMD-3 Updated amphibious, air-droppable APC. 5 W51 PTS-M Amphibious cargo hauler W113 **BMD-4** Airborne infantry fighting vehicle. 5 5 W31 MT-LB Multi-purpose fully tracked vehicle W39 BTR-D BMD M1979 Airborne APC, used in Afghanistan. W95 T-72 BRIDGELAYER **NUCLEAR WEAPONS** W99 T-72 DEPLOYED BRIDGES SCUD-B LAUNCHER One launcher and three rockets W126 T-55 w/ KMT-5 MINEROLLER Developed in '60's, still in service W60

W133 T-62 w/ KMT-5 MINEROLLER (Batch #3 Releases)

SS-21 SCARAB Theater nuclear missile launcher

1:285/Gmm SCALE UNPAINTED PEWTER MINIATURES MODERN MICRO ARMOUR® S13.99 PER PACK Type 69 I AC81 MiG-15 AC29 K-63 Mi-8 Hip VEHICLES PRODUCT PRODUCT VEHICLES DESCRIPTION DESCRIPTION NUMBER PER PACK NUMBER TOWED & SELF-PROPELLED AA ARTILLERY RC28 TYPE 59 Main battle tank. 5 5 W7 ZSU-23/4 SHILKA Turret-mounted quad 23mm guns. RC1 TYPE 69 I Replaced Chinese Type 59 in 1982; thousands exported. 5 3 W63 TUNGUSKA (2S6) Tracked self-propelled anti-aircraft vehicle. RC4 TYPE 69 II Export version of current Chinese MBT, sold to Iraq. 5 W70 ZU-23/2 w/ MTLB Towed twin 23mm AAA. Seen in Iraq 2003. 2/2/2 RC24 TYPE 96B TANK 5 W8 ZSU-57/2 Twin barreled 57mm anti-aircraft vehicle. 5 1/1 RC5 TYPE 98 Chinese MBT. 5 W40 SA-6 GAINFUL/STRAIGHT FLUSH Missile/radar vehicles. W42 SA-6 GAINFUL Tracked anti-aircraft missile launchers. 3 RC21 TYPE 99A1 MBT aka ZTZ99. 5 3 W50 SA-8 GECKO Front line 6-wheel SP AAA missile vehicle. RC3 TYPE 63 LIGHT TANK Chinese copy of Soviet PT-76. 5 W24 SA-9 GASKIN AA missile on BRDM. 5 RC15 TYPE 63A TANK Amphibious tank. 5 2 W109 SA-10 GRUMBLE Long range surface-to-air. RC31 ZTQ-15/Type 15 Light tank with 105mm gun. Introduced in 2015. 5 W121 SA-11 GADFLY Missile system. 3 RC2 TYPE 63 APC a.k.a YW531, K-63. Tracked Chinese APC; used by Iraq. **SA-13 GOPHER** Self-propelled anti-aircraft vehicle on MTLB chassis. RC6 WZ551 6x6 wheeled APC. Over 600 in service. **SA-15 GAUNTLET** Tracked self-propelled AAA. 3 W116 SA-17 GRIZZLY Missile system. RC7 WZ501 Tracked APC: Chinese BMP-1. Over 1000 in service. 5 2 W122 SA-22 PANTSIR GREYHOUND Air defense system. RC8 YW534 / TYPE 89 Tracked APC, also widely exported. 5 2/2/2 W58 S-60 TOWED 57mm AAA with Ural 375D prime mover. RC20 ZBD-2000 Amphibious tracked IFV. ZPU-4 QUAD 14.5mm Deployed and towed guns with GAZ 66. W59 2/2/2 RC22 ZBD-05 ZBD-2000 with 105mm gun. INFANTRY RC25 ZBD-08 IFV 5 W41 MECHANIZED COMPANY Motorized company personnel 12 stands RC27 ZBL-08 IFV w/30mm 5 W115 COLD WAR ERA HEAVY WEAPONS 5 RC29 ZTL-11 Fire support and SPAT vehicle with 105mm turret. W68 MODERN INFANTRY, c.1990-2005 60 +RC26 ZBD-04A AT ZBD-04 with AFT-10 ATGM. 5 W69 MOD. HVY. WEAPONS, c.1990-05 MGs, mortars, Plamyas, etc. 50+ **MODERN INFANTRY, 21st Century** 60 +RC9 TYPE 83 SPH 152mm self propelled howitzer. 5 **MODERN HEAVY WEAPONS, 21st Century** RC11 TYPE 81 MLR Truck mounted 122mm rocket launcher. 5 RC23 TYPE 85 / YW 23mm AAA with SX2150 truck. 2/2/2 FORMER WARSAW PACT/CHINESE AIRCRAFT RC12 TYPE 89 SPAT 120mm self-propelled AT vehicle. 5 2 AC81 MiG-15 Postwar jet fighter, widely exported, 1000's made . RC13 PGZ95 Self-propelled AAA vehicle w/ quad 25mm. 5 2 AC121 MiG-19 Chinese; used by North Korea and others. RC14 ZDF89 Tracked ATGM vehicle. 5 AC100 MiG-21bis Cold War fighter used by many! AC15 MiG-23 FLOGGER B Swing-wing interceptor. RC34 TYPE 63 MLR Used by N. Korea, 40+ others. (Batch #6 Releases) AC3 MiG-27 FLOGGER Single-seat ground attack aircraft. RC33 PLZ-05 Self-propelled 155mm howitzer. (Batch #5 Releases) MiG-29A FULCRUM 4th generation fighter. AC77 RC32 PLZ-07 Self-propelled 122mm howitzer introduced in 2007. 5 AC143 MiG-31 (Batch #4 Releases) RC16 122mm HOWITZER w/ SX190-7 prime mover. 2/2/2 AC117 IL-28 BEAGLE Russian medium bomber. RC17 130mm HOWITZER w/ SX190-7 prime mover. 2/2/2 AC120 JH-7 FIGHTER/BOMBER Chinese; two seats. RC10 SX2150 TRUCK Standard 5-ton heavy duty truck. 5 AC127 **J-10B** Chinese fighter. AC130 SU-17/22 Soviet fighter; more than 2,500 built! RC30 FAWMV3 Entered service 2011; transports up to 10 tons of cargo. 5 Helos include AC124 SU-24 Russian bomber. RC18 INDIVIDUAL MODERN INFANTRY Action poses. 60 +brass-etched AC32 SU-25 FROGFOOT Close-support aircraft. RC19 INDIVIDUAL HVY. WEAPONS MGs, mortars, AAAs, etc.... 50± AC133 SU-27 Russian fighter. O 0 AC125 SU-30 Russian fighter. AC140 SU-34 "Fullback" Russian fighter-bomber; 130+ operational. 1 NK1 SONGUN-HO Main battle tank. 5 AC20 Mi-24 HIND A Tactical gunship helicopter. NK4 POKPUNG-HO Main battle tank. 5 AC18 Mi-24 HIND D Mi 24 with "gatling" gun chin turret. NK6 VTT-323 w/ 122mm ATG Conversion of the VTT-323 APC. 5 AC135 Mi-26 Giant Russian transport helicopter, 400 produced. 1/pack \$32.95 AC114 Mi-28 Russian attack helicopter. 1 NK3 KOKSAN M1989 Self-propelled artillery. 3 AC29 Mi-8 HIP Transport-assault helicopter. 1 NK5 M1985/M1991 MLRS Truck-mounted launcher for unguided rockets. 3 AC30 Ka-50 HOKUM Final Soviet attack helicopter. 1 5 NK2 VTT-323 M1973 Sinhung APC. AC76 WZ-9B License-built Red Chinese attack helicopter. NK7 VTT-323 AA Mounts ZPU-4 quad. 14.5mm heavy MG. 4 AC132 Z-10 Chinese attack helicopter. 1 AIRCRAFT STANDS Cruciform bases with 1/16" steel wire. NK8 VTT-323 107mm MLRS 18 tube launcher for direct fire at buildings





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291	West Indies Merchantman	1	\$12.50	2911'	vicst indics vici chantinai	II.	\$12.50









Light field guns (#1) can be assembled as 10-pdr Parrott rifles, 12-pdr Howitzers, 3" ordnance rifles, or 6-pdr smoothbores

ACW7 2 LIGHT FIELD GUNS w/ 12-Man Crew (USA) ACW8 2 LIGHT FIELD GUNS w/ 12-Man Crew (CSA)

Medium field guns (#2) can be assembled as 12-pdr Napoleons or 24-pdr Howitzers

ACW9 2 MEDIUM FIELD GUNS w/ 12-Man Crew (USA)

ACW10 2 MEDIUM FIELD GUNS w/ 12-Man Crew (CSA)

Heavy field guns (#3) can be assembled as 20-pdr Parrott rifles, 32-pdr Howitzers, or 12-pdr Model 1841 heavy field guns

ACW31 2 HEAVY FIELD GUNS w/ 12-Man Crew (USA)

ACW32 2 HEAVY FIELD GUNS w/ 12-Man Crew (CSA)

Limbered cannon packs contain a limber, a towed carriage, an appropriate gun barrel assortment, a 6-horse team, and five riders

ACW16 LIMBERED #1 CANNON & TEAM (USA)

ACW17 LIMBERED #1 CANNON & TEAM (CSA)

ACW36 LIMBERED #2 CANNON & TEAM (USA)

ACW37 LIMBERED #2 CANNON & TEAM (CSA)

ACW38 LIMBERED #3 CANNON & TEAM (USA/CSA)

Artillery support packs contain one limber, an assortment of riders, and a 6-horse team.

ACW18 CAISSON with RIDERS (USA)

ACW19 CAISSON with RIDERS (CSA)

ACW53 BATTERY WAGON (USA/CSA)

0

ACW54 TRAVELLING FORGE (USA/CSA)

SIEGE ARTILLERY

ACW33 TWO SIEGE ARTILLERY GUNS (without crews)

These siege guns can be assembled as 24-pdr gun, 4.5" ordnance rifle, 8" Howitzer or 30-pdr Parrott rifle

ACW34 32 POUND BARBETTE GUN (without crews)

ACW35 SIEGE MORTARS (without crews)

ACW39 SIEGE CANNON LIMBER w/ONE GUN (without crews)

ACW40 10" SIEGE MORTAR LIMBER (without crews)

ACW41 SIEGE ARTILLERY CREWMEN #1 20 men in fatigues

ACW42 SIEGE ARTILLERY CREWMEN #2 20 men in frock coats

Each mounted cavalry pack contains:

9x Troopers, 1x Officer, 1x Bugler, 1x Guidon Bearer, 12x Mounts

ACW14 US MOUNTED CAVALRY - Walking

ACW59 US MOUNTED CAVALRY - Charging

ACW15 CS MOUNTED CAVALRY - Walking

ACW60 CS MOUNTED CAVALRY - Charging

Each dismounted cavalry pack contains: 2x Officers, 4x Troopers in 3 poses, 2x Buglers

ACW29 US DISMOUNTED CAVALRY

ACW30 CS DISMOUNTED CAVALRY

Each infantry pack contains: 24x Soldiers, 1x Foot Officer, 1x Standard Bearer, 1x Drummer

ACW1 ADVANCING - Sack Coat / Forage Cap (USA)

ACW2 ADVANCING - Sack Coat / Slouch Hat (USA)

ACW3 ADVANCING - Shell Jacket / Forage Cap (CSA)

ACW4 ADVANCING - Shell Jacket / Slouch Hat (CSA)

ACW64 ADVANCING - Frock Coat / Forage Cap (USA)

ACW66 ADVANCING - Great Coat / Forage Cap (USA)

ACW61 ADVANCING - Iron Brigade uniforms (USA)

ACW65 ADVANCING - Frock Coat / Slouch Hat (CSA)

ACW20 FIRING - Sack Coat / Forage Cap (USA)

ACW21 FIRING - Sack Coat / Slouch Hat (USA)

ACW62 FIRING - Iron Brigade uniforms (USA)

ACW22 FIRING - Shell Jacket / Forage Cap (CSA)

ACW23 FIRING - Shell Jacket / Slouch Hat (CSA)

ACW24 SKIRMISHERS - action poses (USA)

ACW63 SKIRMISHERS - Iron Brigade uniforms (USA)

ACW25 SKIRMISHERS - action poses (CSA)

ACW26 ZOUAVES - Forage Cap (USA/CSA)

ACW27 ZOUAVES - Fez (USA/CSA)

ACW28 ZOUAVES - Fez / Turban (USA/CSA)

ACW43 MARCHING - Sack Coat / Forage Cap (USA)

ACW44 MARCHING - Sack Coat / Slouch Hat (USA)

ACW45 MARCHING - Shell Jacket / Forage Cap (CSA)

ACW46 MARCHING - Shell Jacket / Slouch Hat (CSA)

COMMAND & ACCESSORIES

Each infantry command pack contains:

6x Foot Officers. 2x Mounted Officers, 6x Drummers, 6x Standard Bearers

ACW5 USA INFANTRY COMMAND

ACW6 CSA INFANTRY COMMAND

Each mounted commander pack contains:

3x Mounted Personality Generals, 3x Mounted General Guidons

ACW48 CS COMMANDERS #1 - Lee, Stuart, Barksdale

ACW55 CS COMMANDERS #2 - Hill, Jackson, Longstreet

ACW52 US COMMANDERS #1 - Grant, McClellan, Burnside

ACW56 US COMMANDERS #2 - Hooker, McDowell, Hancock

ACW11 STONE FENCES - 12 x 2.25" sections

ACW12 SPLIT RAIL FENCES - 12 x 1.625" sections

ACW51 POST & RAIL FENCES - 12 x 2.375" sections

ACW13 PEWTER STANDS - 18 socketed 5-man stands

ACW47 HEADQUARTERS SET (USA) - Tent, 6 men, 3 mounts

ACW49 SUPPLY WAGON w/6 mule team

ACW50 CASUALTIES/TABLETOP MARKERS Fallen men, horses...

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	ONS A CHEVAL	\$26.99 \$26.99 \$26.99 \$26.99	NAP18 NAP19 NAP20 NAP21	Cavalry packs have 24 mounted men in 3 poses & command BRITISH & KGL HUSSARS BRITISH & KGL HEAVY DRAGOONS BRITISH "ROYAL SCOTS GRAYS" BRITISH HOUSEHOLD GUARD CAVALRY	\$26.99 \$26.99 \$26.99 \$26.99
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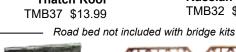
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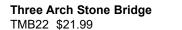
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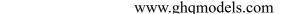
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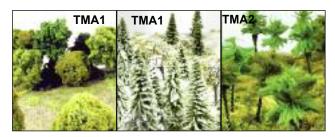
base all hill and mountain hexes.

TM2 - 48 hexes/pk 1/4" thick hexes used to model beaches,

lake shores, and open water features.

TM3 - 12 hexes/pk 1" thick hexes used to model rolling hills and elevations with gentle slopes.

TM4 - 8 hexes/pk 1½" thick hexes used to model mountains and steep elevations.



TERRAIN MAKER® TREE PACKS \$9.75 PER PACK

TMA1 - Deciduous and coniferous tree instructions and materials for 100 micro trees and hedges

TMA2 - Palm, etc. tree instructions and materials for 100 micro trees and hedges







MICRO SKIRMISH® TERRAIN BOARDS

Perfect for use with Micro Armour and Micro Force 10mm miniatures. Each Micro Skirmish Board in 24 inches wide, 32 inches long with a streety passic look by you can move and store games between schools? Use just one board for a skirmish or combine several for a giant game. This kit provides materials for 3 boards plus 50 unfinished 1/2" flatland Terrain Maker hexes.

TM5 \$89.99 +\$10.00 oversize shipping charge (Only available for domestic shipment to the lower U.S. 48 states.)

Why are these sold-out products still in the catalog?

We hope they won't be sold out permanently! Some of the materials needed for these products were from suppliers who closed due to the pandemic. We are working to find new suppliers suited to our purposes. Please check **www.ghqmodels.com** for availability.

TERRAIN MAKER GROUND COVER

These ground foam shades have been specially formulated for use with GHQ Micro Armour and Micro Force 10mm miniatures, perfect for use in Terrain Maker wargame terrain. Each bag holds enough for 20 square inches of terrain.

\$4.99 PER PACK



PAINTING GUIDE: MICRO ARMOUR & MICRONAUTS

Every miniature collector and gamer develops his own painting style. Here are some surprisingly simple techniques you can use to get really impressive results. An airbrush is very useful but not really necessary to achieve a realistic look. We used GHQ Atmospherics acrylic paints for these examples, but some modellers prefer enamel paints. These techniques work with either type of paint.

Monochrome Schemes:

Overall Panzer Gray, Russian Green...These are schemes that usually turn out too dark especially if using paint chip colors. Here is a great simple technique. Add depth with a black wash and lighten the overall effect with light gray drybrushing. Mount your assembled model on a nail head for easier handling.



Apply a base coat of panzer gray paint (GHQ's CLR14)



Black wash over basecoat. (15/1 or 15 parts thinner to 1 part black paint.)

Polychrome Schemes:

The navies of World War II usually camouflaged their ships. Here is a wild example. We used fine brushes to paint the patterns.

Research how the original vehicles and ships were camouflaged before painting for the most impressive results.



USN assault craft in the Pacific were painted to blend into the shores of the tropical islands. This LST has a basecoat of sage green.



Camouflage colors are generally added from lightest to darkest: khaki; then forest green; and finally charcoal gray.

Weathering Effects: Military vehicles are generally dusty or muddy. Although you can use the drybrush technique, we highly recommend an Iwata airbrush for quick, realistic results. Apply a mist of light tan or light gray for dust, reddish brown for mud. Go lightly here, too much is bad. "Dust" will also lighten models that look a bit too dark. Paint a complete unit at a time for uniform colors, "wear," and easy tabletop identification.



For this 1940 French Char B1, we used a base of deep yellow and handpainted patterns in earth brown (CLR3 Camouflage Brown) and hunter green (CLR1 Camouflage Green).



The camouflage colors are outlined with a fine tipped black pen. The mufflers have been "rusted".

Shading with Inks:

Subtle and interesting shading can be created with inks. Unlike washes, they tint more uniformly instead of the pigments concentrating in recesses and missing raised areas. Experiment and practice a bit to achieve the look you want.



The Imperial Japanese Navy rarely used camouflage patterns. This CL *Tenryu* has a medium gray basecoat (CLR17 Ocean Gray).



This ship had a linoleum deck. The horizontal deck surfaces were painted deep golden yellow and the vertical surfaces touched up with the medium gray.

Airbrushing Polychrome Schemes:

An Iwata® airbrush is great for painting Micro Armour. Whether you have WWII German or British, or most modern armies, start with a base coat of the lightest overall color. Apply stripes of the second color with the airbrush. After handpainting the camouflage details, use the Iwata® to delicately "dust" the vehicle.



Modern Russian schemes have a base color (here we used CLR2 Desert Yellow) oversprayed with "traditional" dark green (CLR9).



Charcoal gray "squiggles" were then applied with a fine brush to simulate shadows. A fine tipped black marking pen may also be used.

Here we used diluted paint or "washes" in dark colors to create depth. Use the drybrush technique with light colors to accentuate details with highlights. Wipe nearly all the paint off of your brush, then brush the upper surfaces of the model. When the model is finished, you may want to apply a protective coating such as Testors Dullcote to preserve your work. You can further protect your models by storing them in our foam-lined Bunker Boxes.



Drybrush with pale gray (CLR16 Haze Gray) to accent highlights and bring out detail.



Paint in details: tracks - rust with silver drybrush; men - flesh and green; rubber - charcoal gray. Paint the cab before attaching the tarp.





WWII decks were usually dark, in this case "deck green". After painting the deck, touch up the sage green for a neat appearance.



Details painted: LCVPs - sage green; stacks - gray, then blackwashed followed with a subtle light gray drybrushing.





The LCM-5, tanks, & trucks were painted separately while still sprued and then glued in place to finish the model. The sprue makes very small parts easier to handle while painting.



The dust here has been airbrushed over the vehicle. To add the aerial, a .015" bit in a pin vise was used to drill a hole, a nylon thread glued in and colored with black india ink.



For this winter KV-1 1940: white basecoat, gray wash, and then white drybrush. Road wheels are gray, tracks and cables are rust and silver.



Weathering is applied with washes and some spattered rust brown paint. Acrylics are great here; if too much, clean off with a watery brush.



Chestnut ink, thinned about 1/1 with water, is applied to the deck. Don't worry if a bit flows down the side - it looks like rust!



Painted details: anchors and anchor chains rust drybrushed with silver. The model was then black washed using "transparent" black acrylic paint thinned 1/4.



Drybrushed sparingly with off-white, the details leap out at you. Small details will add to the realism. For instance, paint the canvas where the guns enter the turrets and recognition symbols.



Tracks, road wheels, cables, hand tools, etc. were detailed by hand. Black wash and drybrushing add depth and highlights.



A very light tan was brushed on to the 2S19 Mtsa-S. Airbrush the well-thinned paint from above, then hit the front and rear deck a bit more aggressively.



This BMP-3 uses the same exact sequence. However, the base color is pale greenish turquoise instead of tan. It is designed for northern service rather than on the steppes.

MODELING BASIC MINIATURE TERRAIN

When it comes to gaming terrain, the sky is the limit. The table-top world can be as simple as a piece of green felt with a masking tape road or a more developed geomorphic system (where interchangeable pieces can be re-arranged into different scenarios). These are a favorite with more experienced gamers.

Flatland Hexes: The vast majority of most boards are made of 1/2" thick hexes (TM1). They are used for fields, flat roads, town sites, woods and orchards. All you need are two cans of interior latex wall paint: one a light tan color, and one medium green. The tan paint is the "dirt" and the glue to hold the grass in place. For grass, use GHQ's Terrain Maker® Grass (TMA3). To make different fields, substitute other ground foam for the grass. Roads can be tan (dirt) or a grey (paved). In either case, allow the road to dry before continuing.



Rural roads have ditches. Following the instructions in each TM1 pack, draw pattern with a pencil and then "dig" ditches with a hobby knife.



Paint roads and ditches with light tan latex paint. Allow it to dry. Areas treated this way will have no grass cover. Paint the hex sides green.

Stream Hexes: The Terrain Maker system is unique in that water features have banks, and the water level is lower than the surrounding terrain. Streams and shores are made using 1/4" hexes (TM2). If only 1 bank is used, it's a shore hex. Any number of flat water hexes can be used between the shores, to model anything from Antietam Creek to the Dnieper. Add a few white paint "waves" and make the bank a beach to model an ocean for amphibious assaults. For most water, use a deep blue, like a new pair of denim jeans.



Use a pencil to lay out where the stream will be on the 1/4" hex. Cut the two banks out with a hobby knife.



Pre-paint pieces before gluing. Paint the sloping banks of the cut pieces brown or tan. Paint a blue streambed on another 1/4" hex.

Hill Hexes: Standard TM hills are made using 1" hexes (TM3), but steep hills use 1½" hexes (TM4). Gentle, rolling terrain is made using 1/2" (TM1) hexes. In each case, after cutting the hex into two slope pieces, the slopes are glued to a base 1/2" hex. There are 3 different cuts possible (all illustrated in the instructions with each pack of TM3 and TM4), which produce 5 different geomorphic slope shapes. By rearranging these, an infinite set of hill patterns can be achieved. Since they are separate hexes, they can be repositioned into a new board for the next gaming scenario.



Use a coping saw to bisect each hex following the instructions provided in each pack. Any errors can be glued back together with white glue.



You now have two slopes made from one 1" hex. For rock outcrops gouge the face of the slope with your thumbnail.

Ocean Hexes Another TM advantage is the introduction of a 4" hex pattern on the tabletop. This can greatly speed and simplify game mechanics. If you are a naval gamer, consider creating a set of these beautiful ocean 1/4" (TM2) hexes. After mastering the basic deepwater hex, try painting shoals, sandbars and reefs after the Flexpaste has dried, using tan or turquoise latex paint. Feather the edges with the deep blue. Once dry, wash some deep blue over the shallows. Then gloss coat as shown. Your captains now have some obstacles to contend with while battling on the high seas.



Apply a coat of Woodland Scenics-brand Flexpaste to the entire surface of the 1/4" hex. Tap the surface with your fingertip to make wave peaks.



After the Flexpaste has dried thoroughly, paint the top and sides with deep blue interior latex wall paint. Allow to dry.

GHQ's Terrain Maker® offers a great system, one that is easy to make and is unsurpassed in beauty, flexibility and durability. The basics are covered here, and in the illustrated instructions in every package. Use Terrain Maker® (TM for short) to model the African desert, tropical islands like Tarawa Atoll, the frozen Russian forests and steppes, even the jungles of China, Burma, and Vietnam. You'll be hard pressed to beat Terrain Maker®!



In TM, tan paint is used as the adhesive for the grass. Paint the rest of the hex top liberally, and while the paint is still wet...



...sprinkle with ground foam. Allow to dry. Use white glue and ground foam for bushes, especially in the ditches.



Roads and fields are all done using these simple techniques. Tree material is included in every TM pack.



Glue the two bank pieces to the streambed base 1/4" hex. Finish the hex as you would a flatland hex: grassy top, edges painted green...



...and add details like these: bushes hug the shore, trees flourish by the streambed. A simple bridge and road complete the scene.



For beach hexes, glue only one side of the shore to the base hex. Each TM Tree kit includes detailed instructions for modeling these palm trees.



Glue each slope to a base 1/2" hex (TM1). This raises the base of the slope to the same height as the surrounding flatlands. Use the flatland finishing methods.



This ridgeline is only a quarter of the hill hexes made from one pack of TM3 hill hexes mounted on TM1 base hexes.



For more gentle rises, use 1/2" (TM1) hexes for the slopes. This finished hex is an example. Note the bushes: dots of white glue patted with ground foam.



Add random foam and wave tops by drybrushing bright white hobby paint.



Coat the top of the hexes with acrylic gloss medium (available in any craft or art supply store. Though it goes on white, it dries clear and shiny!



The ships of the Royal Navy are mounted on metal bases finished the same way. The final effect is much more impressive than a blue cloth ocean!

MODELING DESERT & WINTER TERRAIN

Many of the most famous and exciting campaigns require special terrain to set the stage. The famous actions of the North African and Tunisian campaigns against "the Desert Fox", Operation Desert Storm, and the savage battles of the Arab-Israeli Wars require desert terrain. Similarly, the bitter actions of the "Winter War" between Russia and Finland, the Stalingrad Campaign, and the Battle of the

The Basic Desert Technique: Very few places, even in the desert, are truly "flat." Though the majority of any desert board will be 1/2" hexes (TM1), wadis and dunes provide cover for unarmoured vehicles and personnel units. Choose a light tan, nearly beige, interior latex paint for your base. The other supplies you will need will be a large bottle of a rust red-brown acrylic or latex paint, white glue, and a light green ground foam. GHQ also offers sage colored ground foam just for desert bushes!



Paint the top and edges of the hex with light tan/beige interior latex paint. Allow to dry thoroughly.



Using a large soft hobby brush, dot some redbrown paint onto the hex. Dip the brush in water. clean off most of the paint, and then...

Wadi and Dune Hexes: Wadis are made using 1/4" hexes (TM2). They are dry stream beds. As the surrounding areas are sand, any rainfall that enters the wadi erodes the banks in a very jagged pattern. Only GHQ's terrain system provides a simple, effective way to model this important feature. Remember to occasionally create a scooped bank where vehicles can enter and exit the wadi: in most places, the walls are impassable terrain for wheeled transport.

Use the scrap you cut from the wadi hexes to make dune hexes.



Cut wadi bank pieces as you would for a stream. Use a sharp #11 hobby knife to "notch" erosion into each bank. Glue to a base 1/4" hex.



Add a slurry of Durham Water Putty to the floor of the wadi. Use a butter knife to drag erosion grooves in the putty as shown.

The Basic Winter Technique

All of the standard terrain hex styles are used in a winter board. They will be covered with snow rather than grass; the trees are bare, or snow-covered conifers. Mold deciduous trees from braided picture hanging wire (sold in hardware stores). Use several different thicknesses, especially the heavier gauges to make bare trees which, though fragile, add a great deal of realism to any winter scene.



Though it seems bit silly, paint the basic hex with white interior latex paint. If modeling a road, paint it tan (mud), white (snow), or gray (blacktop).



Mix a THIN wash of 20 parts water to 1 part royal blue acrylic paint. Apply this onto the white hex sparingly to achieve a "cold" effect.

Modeling Ice:

We could just cover ice with snow, but that gets boring. A more pleasing effect is to model translucent, grey ice, occasionally blanketed by drifted snow. Create ponds and rivers using these same techniques. Using all water-based materials makes this an easy project.

To add some detail to the banks, use picture wire to model the brush without summer foliage. Fray a piece of the wire, and "plant" it beside the frozen streambed.



Determine where the stream bed will be on a 1/4" hex. Paint it with a blackwash (10 parts water to 1 part black acrylic paint). Allow to dry.



Glue the bank pieces as shown on page 36. To achieve the translucent icy look, apply a coat of white glue to the stream bed. Repeat as desired.

Bulge can hardly be simulated on a summer wargame table! These compelling historical situations cry out for terrain that sets the mood, and nothing in wargaming does that better than GHQ's Terrain Maker. Here are the basic steps used to model these environments. Once you get started, you will enjoy making the terrain as much as painting Micro Armour. With a little practice you can make the best gaming scenery in the hobby.



...use the water to smear and wash the dots into blurry stains on the hex top. There should not be any hard red-brown edges. Allow to dry.



Add clumps of grass. Place random dots of white glue and pat green foam onto them. Remove the excess foam. The hex is finished.



Palm trees can be made using the materials and detailed instructions in the TMA1 and TMA 2 tree kits.



Paint tan and allow to dry. Apply the red-brown "blotches" to the bank tops and a wash in the base of the wadi. Add bushes.



Create dunes by gluing the pieces cut from the wadi bank hex to a 1/2" (TM1) hex. Smooth upper edges with a knife and sandpaper and finish.



Use TM3 hexes to make higher hills and escarpments. Your fingernail makes a good tool for creating rough, rocky hillsides.



Dot the open areas with white glue and apply a tan-yellow foam to simulate dried winter grass and bushes.



Creating trees: cut 3" of braided picture wire. Fray 1" using a pointy object, and then twist groups of wires into a branch structure.



Paint tree gray. To plant the tree, poke a small hole clear through the hex. Apply glue and insert trunk. Cut excess off bottom with wire cutters.



Mix some water putty into a thick "milkshake" consistency. Carefully apply drifts to simulate wind-blown snow. Allow to dry completely.



Apply white latex paint to all snow areas of hex, and add ground foam bushes using white glue. Wire bushes can now be glued into the bank.



For snow laden pines, prepare the trees as shown in TM pack instructions. Use downward strokes to apply white paint for snow.

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G106 - Sdkfz 251/C "Stuka Zu Fuss" HOW "BIG" IS MICRO ARMOUR®? Actual size of miniature

Micro Armour miniatures are scaled to a 1:285 ratio, (AKA "6mm" scale). This means every 285 actual inches are represented by one micro inch.