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SLEEPING DRAGON

Jari Hemilä's Gold Medal Winner





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IN-DEPTH REVIEW
OUT OF THE BOX BUILD

1:35

Modelled by Mark Neville



**Fire Support Combat Vehicle BMPT with
KMT mine clearing system and
Electromagnetic Countermine System**

TERMINATOR

**We get busy with
MENG's monster BMPT**



Meng's T-90 has been one of their most well received and popular kits, not yet having the chance to draw breath and build one we were tempted by this fearsome looking beast, the Russian BMPT 'Terminator', it's immediately apparent how the nick-name has come about! Developed with lessons learnt from the Chechnya war this is a very well protected vehicle with a wealth of firepower to deal with any target at many ranges, including tall buildings in an infantry and tank support role. To give the subject of the kit it's full title, Fire Support Combat Vehicle BMPT with KMT mine clearing system and Electromagnetic Countermine System and a quick look inside the beautiful box at the heap of sprues lets you know the kit will take longer to build than to say it! Along

with the green styrene there's the track parts in black, clear optics parts, jigs for both the track assembly and aligning the suspension, soft plastic parts giving some clever flexible items, a photoetched fret, photoetched wheel mask, nylon tow cable and pre-cut mirrors. The instruction book is up to Meng's usual high standard and offers three great looking colour schemes from different arms expo vehicles. As I found with their Bradley recently, this is another kit Meng have left nothing to chance, every item and every assembly has the same level of thought and detail. Don't be put off starting to build the beast by the sheer number of parts, assembly is a pleasure and once started you'll have to tear yourself away from the workbench.

Straight out of the box



Assembly starts as usual with the lower hull and running gear which is where this kit shares parts with the earlier T-90 release from Meng. The underside of the hull is fully detailed and everything fits well without issues provided you follow the instructions regarding left / right pieces and their direction. There are some tight, precise fits with the pivoting shock arm set-up (assembly 'A') needing a firm push home.



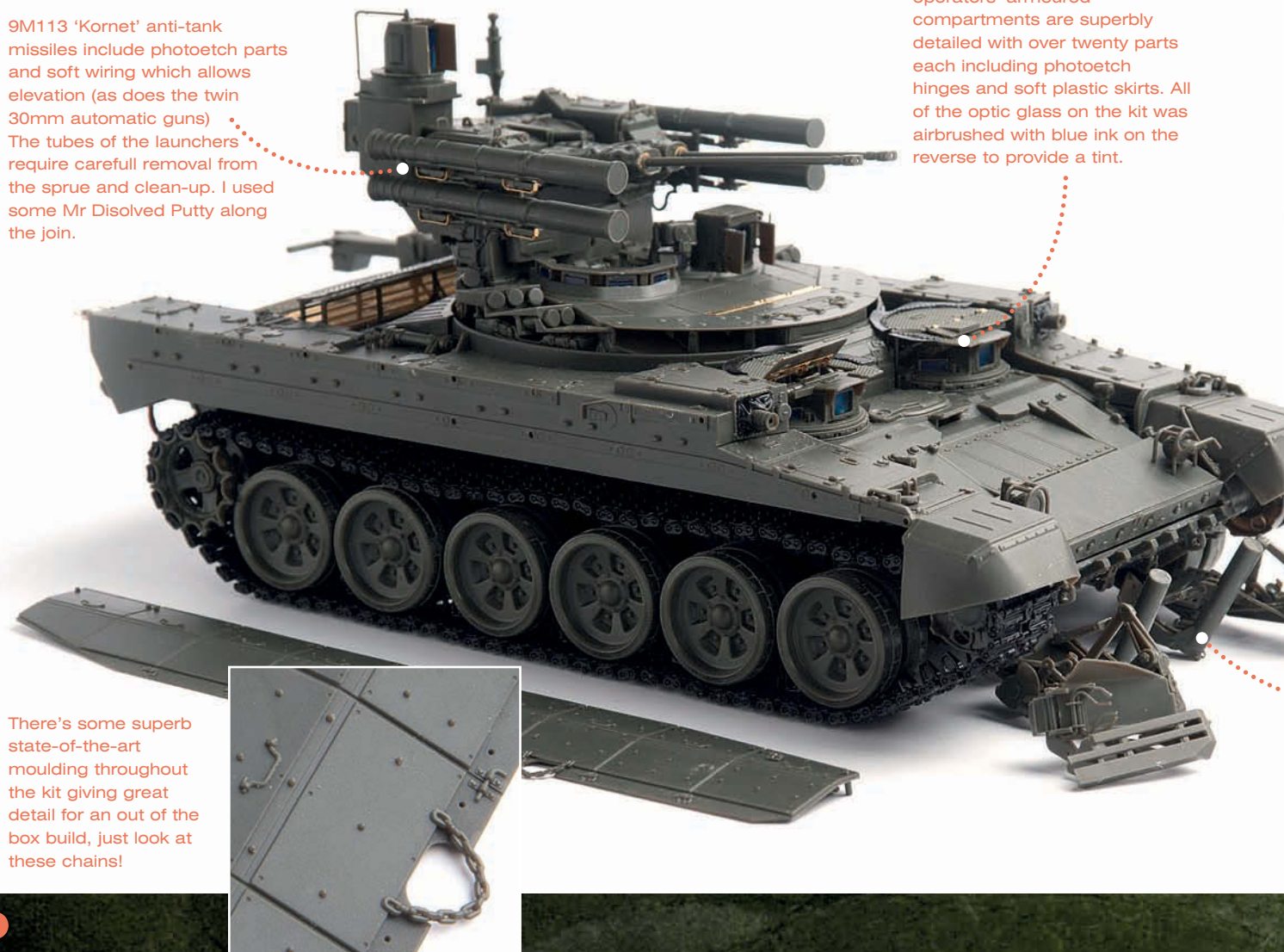
Inside the hull the torsion bars are gripped at the end and function as the real thing allowing full working suspension. To achieve a tighter fit for the drive sprockets I gave a couple of wraps of masking tape around the stub axle.



Wheel assemblies are simple with full detail to fronts and backs. Soft poly caps are sandwiched inside and provide a reassuring push-fit to the axles. Even though the vehicle depicted is pretty new I gave the tyre contact surface a very light sand with a fine Flex-i-file.

9M113 'Kornet' anti-tank missiles include photoetch parts and soft wiring which allows elevation (as does the twin 30mm automatic guns). The tubes of the launchers require careful removal from the sprue and clean-up. I used some Mr Disolved Putty along the join.

The AG-30 grenade launcher operators' armoured compartments are superbly detailed with over twenty parts each including photoetch hinges and soft plastic skirts. All of the optic glass on the kit was airbrushed with blue ink on the reverse to provide a tint.



There's some superb state-of-the-art moulding throughout the kit giving great detail for an out of the box build, just look at these chains!



Tricks of the tracks



The tracks must rate as the best detailed working links I've assembled from a kit (and I'm not a fan of assembling tracks!) At what first appears a daunting task quickly becomes an appreciation of the design and precision of the moulding.



The guide horn provides a click-fit to join the links into a length of six. These are dropped onto the jig provided and the runs of soft plastic end connectors dropped into another jig.



The connectors can then be clipped from the sprue...

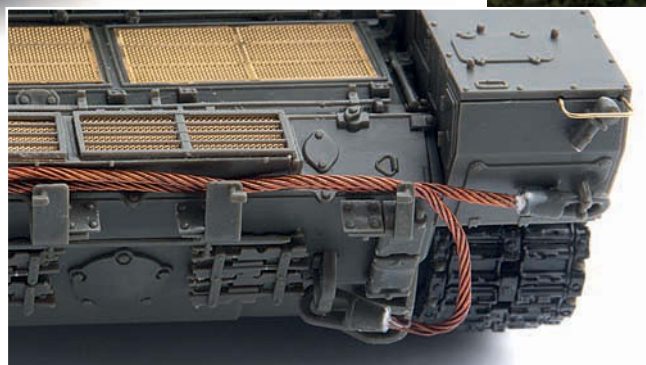


...and the two jigs clamped together pushing the end connectors onto the pins...

fully workable and robust tracks!



The KMT-8 mine clearing system is highly detailed and includes the EMT electromagnetic attachment to detonate mines with non-contact fuses. This system can also be fitted to T-55 and T-72



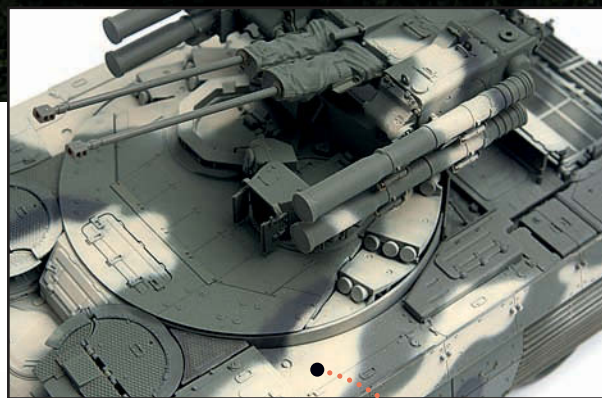
I decided that woven copper tow cables from Karaya would look better than the kit supplied nylon versions. I made the U-shaped protective bar around the rear lights from brass rod, the kit parts are lovely and fine but found it quicker to use the rod than cleaning the attachment points from the kit parts.

Soft edge style

This paint-job took me right out of my comfort zone in as much as that it had to be pretty clean. This is a new vehicle which has never seen combat or even (from the only photographs I could find) intensive training or manoeuvres. I would normally follow the figure painter's rule of thumb that 'if you can see it, you can paint it' and complete the assembly, tracks and all, before starting the paint but that wasn't going to work here. I found the best breakdown was to leave the turret separate along with the side armour and tracks.

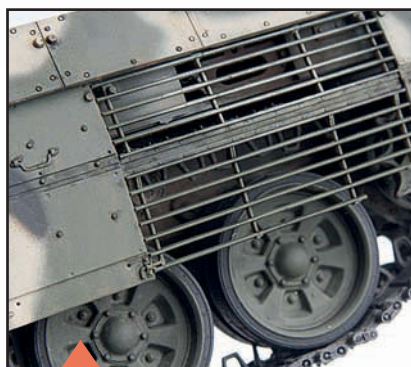
I first airbrushed the base green

through my lawata with the pressure quite high, after half an hour drying time I wound the air pressure down and began adding the sand pattern freehand following the colour illustrations provided (to some degree anyway!). Because of the complex shapes and contours I think putty or masking tape is out of the question and would result in too much of a defined outline.



Lifecolor UA 242 'Green Yellow'

Lifecolor UA 238 'Dark Olive'+
10% Lifecolor UA 233 'Graugrün'



Meng have designed the side armour panels on small pegs which are a precise fit allowing dry fitting which is needed to keep the pattern flowing. To avoid the inevitable overspray, or at least keep it minimal, I worked from the edge in-over with the sand colour and retouched the green afterwards. The sand over the green allowed the creation of some tonal changes allowing the green to show through in shaded areas.

I always have in mind how my base colours will be effected with colour 'filters' so the sand colour is deliberately light and the green slightly on the 'blue' side as I would be using a ochre coloured filter (AKI's Afrika Korps 065). This not only allows subtle tonal changes to add depth to the model but also harmonises the colours for a more scale appearance. Compare the image to the right with filters applied with the base colours. While the surface is still slightly damp from the colour filter I apply dark washes around the detail to add contrast, the damp surface helps the wash to flow around the crisp detail.

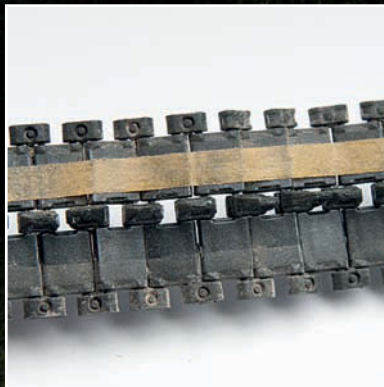
The area behind the slat armour has to be finished before final assembly of the side skirts. I gave the exhaust outlet a dusting of pigment and the lower hull received some light dust pigment in areas.



Back on tracks



Resisting the urge to have the tracks caked in mud and dirt I first layed on a dark grey acrylic base coat and thought I'd give a new product a trial. Ushi Van Der Rosten (ushivdr.com) produce some excellent specialist finishing products, there's a few options in their range of metallic polishing powders with the 'steel' my choice for these new tracks. The powder is super-fine and I used a soft brush to apply and buff to the desired finish.



To give just a hint of dirt and add to the realism, I masked a band where the tyres would make most contact and dusted some pigment powder on the outer edge. The polishing powder had excellent adhesion to the matt acrylic.



This shot shows the effect of the polishing powder before the application of some dust coloured pigment. The detail and durability of the tracks is superb as is the fit around the sprocket with the soft plastic of the end connectors assuring a precise push fit.

Weather or not?

So without dust, mud and faded or damaged paint this model isn't 'weathered' in the true sense of the word. Techniques which often fall under the topic of weathering aren't really that at all when you think about it, we're adding depth and scale to the surfaces which gives a more realistic and pleasing finish. I've even used a little unfashionable dry-brushing here to highlight some of the

detail on the rear deck. I've also mixed subtle lighter tones of the base colours and used this on raised detail and edges applied with a fine brush which can really make detail pop-out from the surface-time consuming but I found worth while on a clean vehicle such as this to add interest.

The mine plow was finished in a slightly brighter shade of green as per the

instructions with shading and highlighting as per the rest of the vehicle with a little accumulated dirt added with pigments and 'scratched' with a stiff bristled brush. Finally the rear slat armour was added and the rear view mirrors which Meng provide as pre-cut foil self adhesives, another great touch to the kit proving nothing has been overlooked.





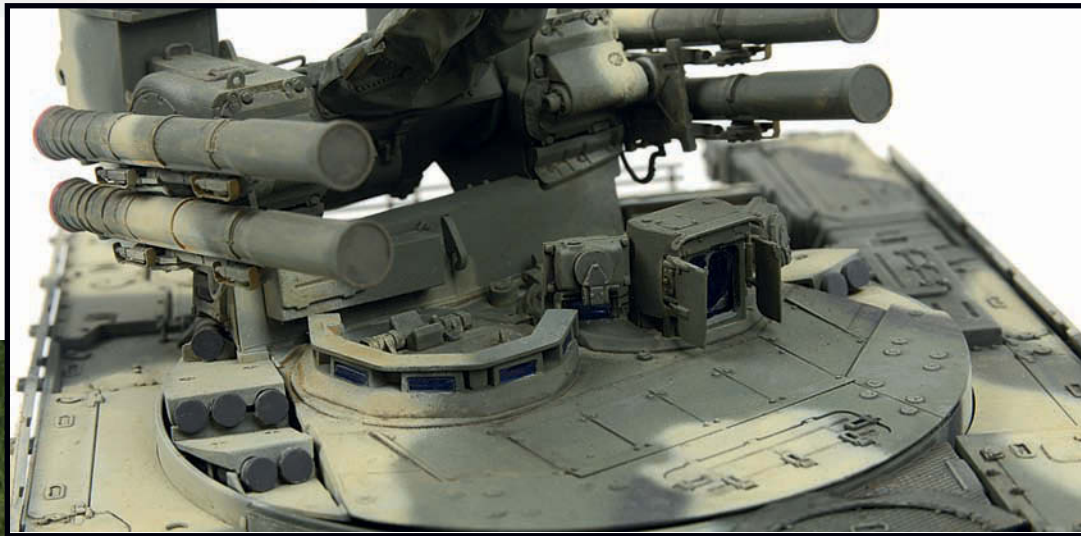
TERMINATOR

Fire Support Combat
Vehicle BMPT 'Terminator'



Job done

Modern Russian subjects are more popular than ever. Even if you're not a huge modern modelling fan I'd have to recommend this kit just for it's superb design, presentation and standard of detail. When I sat back from the finished model, and indeed when taking the photographs, it's hard to believe it's built straight from the box, and without any issues...put one on your Christmas list!



BMPT

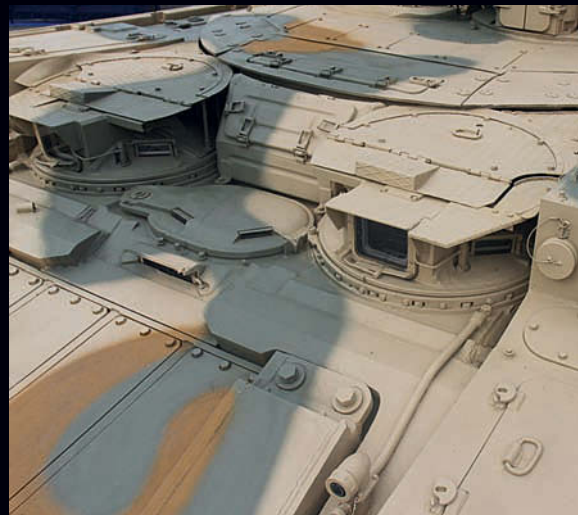
'Terminator'

photographed by
Richard Stickland



Above Mean machine! Sporting colours from the 2013 Russian Arms Expo this would certainly be one to test your painting skills. It would be nice to think some crew figures will be released by the aftermarket guys.

Left A variation on the splinter scheme with black replacing the red-brown pictured on display in Abu Dhabi. These display vehicles are spotlessly clean.



Below A scheme detailed in the kit's instructions from the 2011 Expo. Note the lack of anti-slip texture on this vehicle.



The Meng kit reproduces the complex grenade operators hatches very well with photoetched working hinges and soft plastic tip.



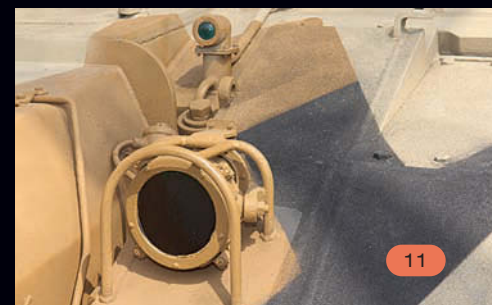
Note the engine intake mesh covers on this vehicle on display in Abu Dhabi not included in the Meng kit.



One to remember if you make a mess of the photoetch on the rear deck- a tarpaulin can always cover a multitude of



If applied, the anti-slip texture is very fine and would pose a challenge in 1:35





Close-up detail of the entrenching spade and underside of the mudgaurs. Meng include the rubber blocks to add to the tracks should you wish.



The protective sleeves around the twin cannons have a sewn lip around them.



Brave enough to tackle this in photoetch? There's bound to be aftermarket sets released soon. Note how the tow cables are painted in situ just to make things easy for modellers!



A good view of the anti-slip texture applied to this BMPT. Note also the retaining cable and the protective cap on the grenade launcher



The fearsome looking 'Kornet' missile system. Meng's kit allows all of the optics to be open or closed.



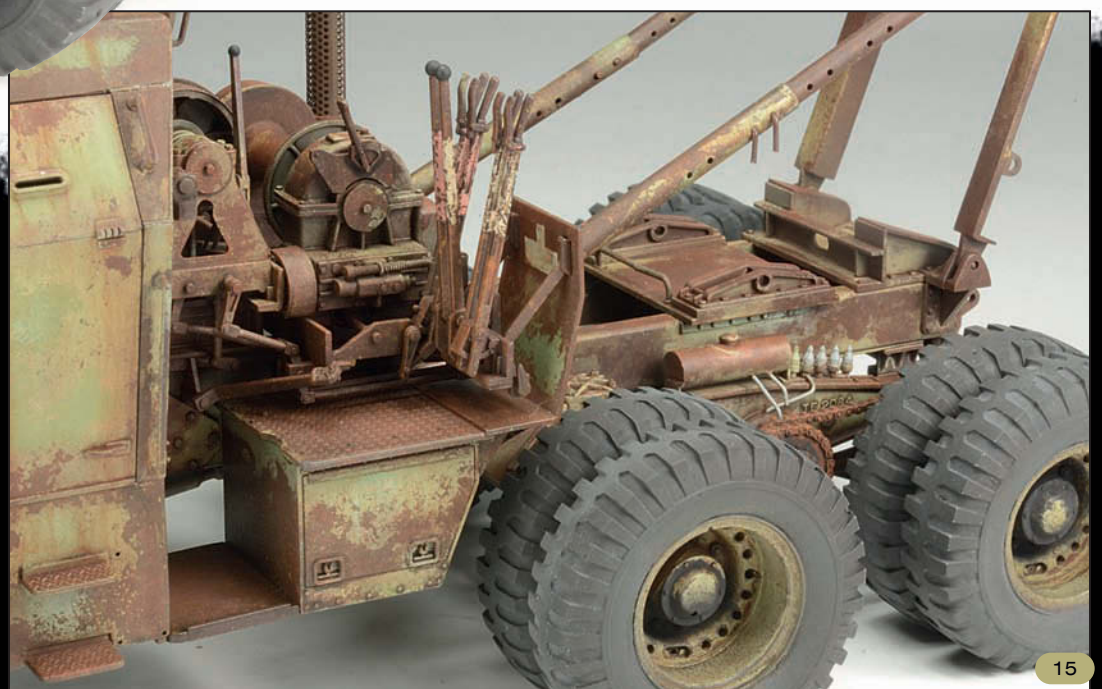


Sleeping DRAGON

M26 Dragon Wagon A.D. 2014
modelled by **Jari Hemilä**

My model of the Dragon Wagon represents a vehicle from a French junk yard in May 2014. The model is mainly based on pictures found on the internet showing a real vehicle that was for sale. I found a few other pictures of same vehicle, but some details were taken from other vehicles in same yard. The kit I used is Tamiya's great production of the M26 with some modifications and details.







Construction

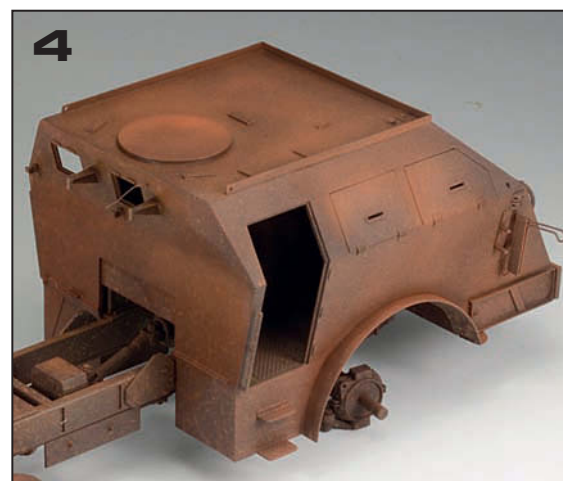
The construction followed the kit instructions, parts went together easily, as you would expect of a Tamiya model. However some details were missing or they were over simplified. Perhaps the biggest body of work was to scribe all weld seams and then represent them with thin 0.4mm polystyrene rod, softened with Tamiya Extra thin cement and texturing the weld beads with a hobby knife tip. On the roof, there had been a roof-mounted stowage box like those seen in Tankograd's M26 book. This modification required a welded metal frame on roof edge, removal of the machine gun ring and storage points and blanking of the machine gun opening with sheet metal plate. This maybe be a post-war modification, as these vehicle were used in civil roles for a while. The resin wheels came from the Real Models range. The tires are bulged exactly as I wanted, so only some wear and tear was added by sanding the treads down little bit. The inner rear wheels are about 1mm bigger than outer ones, so I could not sand them too much and I had to live with this. Also two rear wheel hubs/rims were misshapen, due to casting problem. The A-frame side



supports posts had holes drilled open to detail them and also to make them work like the real thing.

The empty tool racks at front lower corners of the cab were redone with plastic using the originals as template, as well as those mechanical direction indicators and remains of the blinker/working light attachment points which are post war additions. Missing lamp locations were detailed with some wires and I also added some lubrication pipes for rear bogey chain oilers. Brake cylinder connectors were drilled open to allow later attachment of brake hoses. The model is now ready for fun part!





Painting

Pic.1 After I washed model with detergent and rinsed it with warm tap water, and primed it lightly with Mr Surfacer 1200 diluted with Tamiya Lacquer thinner. This combo works perfectly, it seals everything and gives very strong base for next, quite rough paint work.

Pic.2 I started painting by mixing dark rust brown base colours, diluted it with Tamiya's Yellow cap thinners and then airbrushed the whole vehicle and the loose parts with it. The next step was to add more yellow and red to the mixture to get some variance in the base colour. With this new brighter rusty tone I added some clouds randomly all over the model.

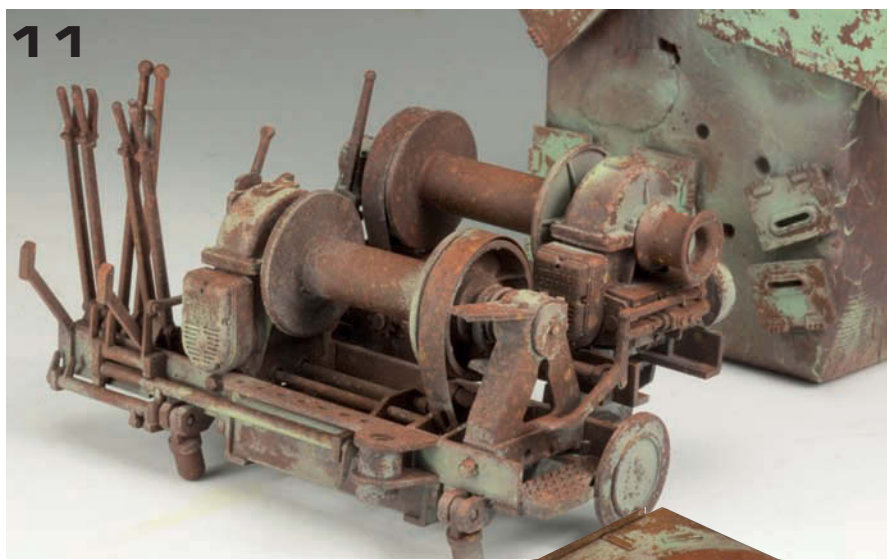
Pic.3-5 To add more tones and variance to rusty surface, I took my reliable Lifecolor Rust set. These colours will dry perfectly matt, not like some other acrylic paints which will have some satin finish. I used all these four rust tones, all heavily diluted with tap water, at a ratio of. 1 part paint and 5 to 10 parts of water. Darker colours, Base rust and Dark Shadow tones require more water, they are so pigment-rich paints. By using a stiff bristle paintbrush and Adam Wilder's speckling technique , I spattered these thin mixes over the model's surfaces starting with Light shadow 2 and ending with Dark Shadow. There were some out-of-scale drops during these steps but they were easily





removed/faded with another softer, tap water moistened paintbrush. This technique gives lot of extra interest to the paintwork, softens the former paint layers and gives realistic appearance of old rusty surfaces. You have to remember that droplet size is the key, they have to be like a mist so test viscosity of the diluted paint before you start speckling it over your masterpiece's visible surfaces!





Pic.6&7 The base painting was completed by painting the weld seams with Vallejo Model Color Oily Steel. I studied those available reference photos very carefully and noticed that a colour I had at first thought was very faded civilian tan colour was in fact very faded light green. To reproduce it, I mixed some White with Sky and then diluted it with tap water. I think that water-diluted Tamiya colours are very hard to paint and it's quite challenging to get proper paintwork. This was nevertheless essential to get the effects I wanted with the hair-spray chipping technique. Anyway this pale green color was airbrushed over two thin layers of Ammo Heavy Chipping effects following the reference pictures. After the paint was dry, chipping was done with stiff paintbrush moistened with warm tap water.

Pic.8-10 After the chipping was dry, I sealed everything with Mr Hobby Flat clear diluted with Tamiya yellow cap thinners. Lacquer

thinner dries in minutes and saves lot of time so the model was immediately ready for two extra layers of Heavy Chipping effects. The second, darker green tone was a mixture of Tamiya Olive green with some white, again diluted with water. Normally I always use some yellow to lighten greens but this time I wanted more greyish tone. This mixture was airbrushed following reference pictures, partly over lighter green areas but also on separate, individual areas. I also painted some details, like driving lamps with this mixture. The next step was again chipping and when it was completed, everything was airbrushed with flat varnish. The loose parts like doors were painted with same methods simultaneously. All the parts were airbrushed with Heavy effects fluid, and there were still some unchipped overspray areas. You don't need to worry, everything will be covered with rusty washes anyway so the remains of any green paint only adds more interest to the final appearance.



Markings and detail painting

Pic.12-13 The vehicle markings consisted only an US star at roof and white front bumper. To get these very faded and chipped details, they were painted with a mixture of white and buff over couple of layers Heavy Chipping Effects. I used the kit decals as a template and cut necessary mask from Tamiya masking tape. The bumper was painted freehand. After the paint dried, I chipped areas, the bumper heavily and the star more subtly.

In the reference pictures, it seems that all the original side lights have lost their paint. It seems that those light bodies are made of zinc castings and they have become oxidized during decades so I painted them with very light grey. The lamp lenses have suffered from UV radiation also so they are whitened. This was replicated with a heavy off-white paint wash. Electric cables were painted with several grey shades. Driving and siren light reflectors were painted with Citadel Bolt gun metal and then washed with dark brown wash.





Before I glued the lenses, I painted the siren glass with Tamiya transparent Clear Red. The tandem winch levers upper halves were colour coded, pink, (faded red) for front winch levers and white for rear winch levers. These parts were then chipped with Ammo Chipping colour by paintbrush and sponge. The model was ready for washes.

Washes

Pic.14-17 I added pinwashes with Ammo Dark Brown wash. I apply pin-washes heavily, let them dry for a while and then cleaned the excess with soft paintbrush moistened with clean turpentine modifying it into a filter. Totally rusty areas and some parts like roof rails got a heavier rust wash, for this purpose I used Streaking rust effect.

After pin-washes, I used Ammo Dark Streaking grime to both add variance and depth over earlier weathering steps but also it gives a nice look of moist moss. I brush painted it mainly into corners at puddle areas and then let it dry for a few minutes. I blended grimed area with paint-brush moistened in clean turpentine and then let it dry again.

Rust streaks

Pic.18-20 With the basic washes on it was time to start rusting. I like to produce rusty appearance with simple methods and Ammo Streaking rust effects is very good stuff for that purpose. I wanted to have more rust on the roof so a new rust wash was needed. On the vertical surfaces it was time for rusty streaks. At first I paint-brushed quite heavy rust streaks, let then dry for a while and then blended them with soft paintbrush moistened with clean turpentine. You need to move you paintbrush up and down otherwise you will clean everything away. I repeated this process several times, working in areas, the results were getting better as the rust streaks built up.





Tires

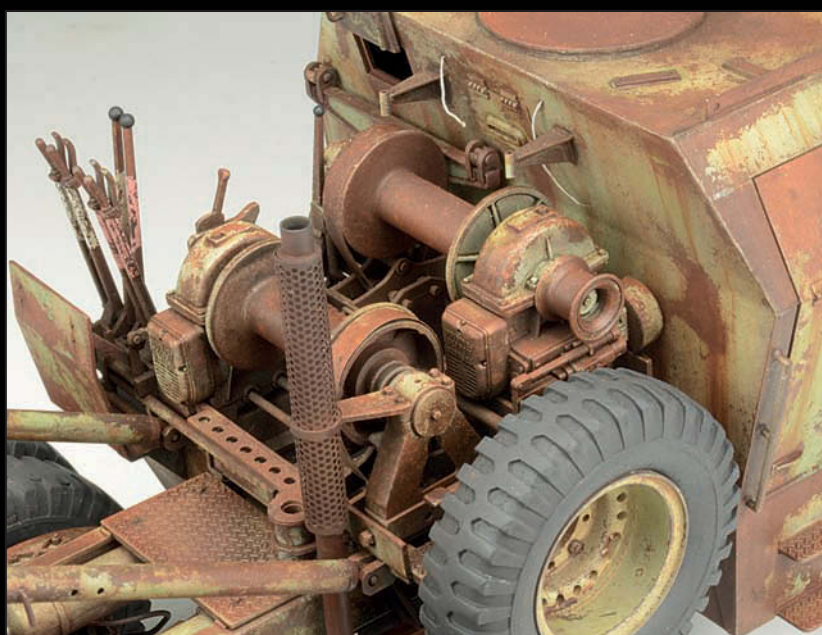
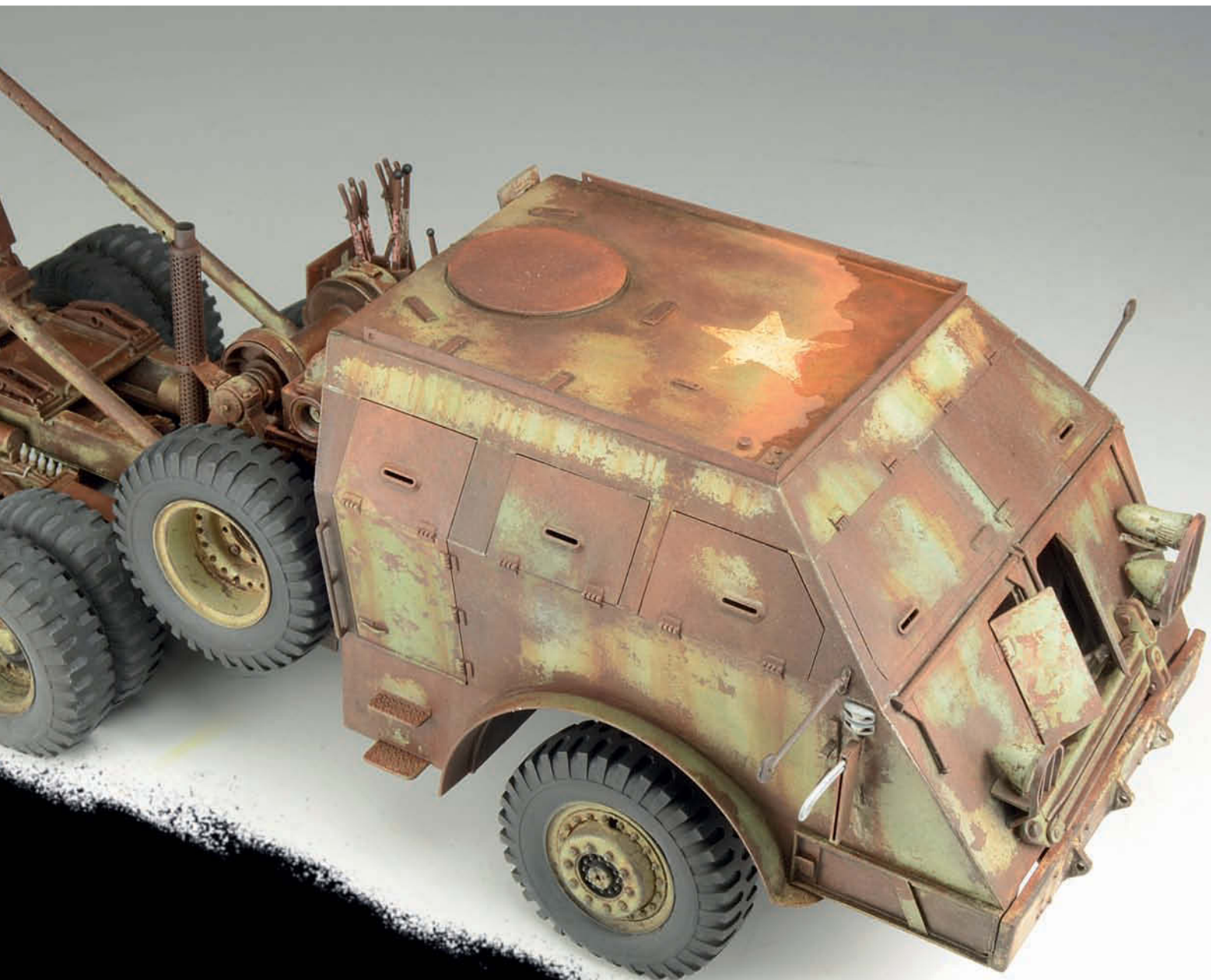
Pic.21-23 The wheel rims were already painted and chipped like rest of the vehicle so it was time to add rubber parts. At first I brush painted the border between rim and tire with Lifecolor Dirtyblack. The next step was to paint rest of the tire with same colour but applied this time with airbrush. immediately after cleaning the airbrush it was time to add same washes as earlier with rest of the model. After the washes were dry, I added some Old grease from Wilder on wheel hubs. This pigment is just like real thing, dirty and dark. In newer vehicles you can add some fresh grease stains too but this time, everything seemed to be totally dry. Sometimes reality is boring!
I wanted more tone on tires so I airbrushed some thin

layers of Burned black, mainly on tread areas. The wheels were completed by adding some nice Tire grey pigment on tread and sides. The pigment flattens any glossiness and gives a perfect matt surface as seen in sun-bleached and weather-beaten tires. Good reference pictures are needed and they need to be studied carefully, there is huge variance of different rubber colours.

Pigments

Pic.24-25 To complete rust effects, I applied some rusty pigments. I like to use Wilder pigments because colours are so authentic and realistic. I added pigments all over model, mainly on horizontal surfaces where rust normally accumulates, starting with Light rust. To add more tones





and depth to rusty areas, the next colour was Red rust. For older general rusting I used Ammo track rust. This pigment has nice old bluish tint, just what is found vehicles kept outdoor for decades. I normally use pigments dry, without any fixing liquids, which is what I did this time.

The final touch was to add small rain water puddle on the front corner of the roof and some parts of hull too. This was done by spreading Ammo's Wet Effects from the jar without diluting it. I looked lot of pictures to see how real puddles in similar places are formed and tried to replicate this effect. I was lucky, there are those small walls around it. After some final touch-ups here and there, I was happy with results and found my model ready.

US VEHICLES IN AFGHANISTAN

By Patrick Winnepenninckx

After the initial military operations in Iraq and Afghanistan, US forces among others had to deal with a 'new' type of warfare better known as Counter Insurgency operations or COIN. This type of conflict demanded new tactics & new weapons. The US as a pioneer in the development of new equipment; started producing a whole series of vehicles which offer increased protection against RPG's, mines and IED's. This family of vehicles is known as MRAP's (Mine Resistant Ambush Protected).

In 2011 the 2-18 IN as part of 170 IBCT deployed to Afghanistan using various types of these MRAP's. The published pictures show these 'bunker' vehicles in use with the US Army in the Kunduz region, Northern Afghanistan.



Above Another Cougar 6x6 vehicle of an unknown type with domes on its roof.



Above Front view of the Cougar EOD vehicle. Note the black Satcom antenna.



Above General view of the Cougar 6x6 Joint EOD Rapid Response Vehicle or JERRV. The vehicle is fitted with a Vehicle Optic Sensor System (VOSS).



Above A Cougar JERRV at speed on a Afghan road.



Above Side view of a M977A4 HEMTT cargo truck.



Above & below Side view of a M1120A4 HEMTT with Load Handling System (LHS). The LHS is a demountable flatrack providing self-load/unload capability and capable of transporting an 11-ton payload.

Right Side view of another M977A4.





Above Side view of a M1078A1 with Low Signature Armored Cab. This LSAC is a complete replacement for the original cab and not an upgrade to the existing cab.



Above Side view of a desert yellow M1078.



Above A M1089A1 5 ton wrecker fitted with the Low Signature Armored Cab.



Above A M1078A1 with Low Signature Armored Cab (LSAC) belonging to 4th Bn / 227 AVN Regt.



Above & below Two views of the 6x6 M1083 Medium Tactical Vehicle.



Above Detailed view of the protected fuel cell.

Below A MATV used by US Special Forces. Note the modifications compared with the standard MATV.





Above View of the M88 in the desert. Note the Multicam uniforms of the crew.



Above View of the M88 in the desert. Note the vehicle is rather clean and seems rather unused.



Above Three MATV's belonging to the Scout platoon of 2-18 IN in Northern Afghanistan.

Below Side view of a MATV with RPG-nets and a .50 Cal CROWS.





Below An MATV that was hit by an IED. Note the crew compartment is still intact.



Below An MATV securing a RCP in an Afghan city. This MATV is fitted with a 7,62 Common Remotely Operated Weapons Station (CROWS).



General view of the impressive MaxxPro.
Note the opened crew ramp.



A slightly damaged MaxxPro after an IED strike.



Below The uparmored MaxxPro Plus with the additional armour plates.



Below Another MaxxPro heading out on patrol.



Below Another view of the damaged MaxxPro



Below : Rear view of a MaxxPro Plus ambulance. Note the double tyres on the rear axle.





Above A Buffalo fitted with slat armor. This vehicle is a High Value Target of the insurgents.



Above Side view of the Buffalo MCV which offers excellent protection from the six man crew during route clearance with the hydraulic interrogation arm.

Below Side view of a RG33. Note the way how the slat armour is opened to access the driver seat.

Below Another view of the RG33 with the open slat armour and folded cots stowed on the stowage bins.





Above An RG33 in convoy followed by a ROPMeerkat, a mine protected, vehicle mounting a mine detection and proofing system

Below Side view of a RG33 mineroller belonging to a Road Clearance Package.



Below Another view of the RG33 Note the fitted litter on the rear.



Below Drive-by picture of a RG33 USSOCOM MRAP used by US Special Forces.



TIRED OLD MULE

Zvezda's Mercedes 4500 Maultier
Modelled and described by Kev Smith



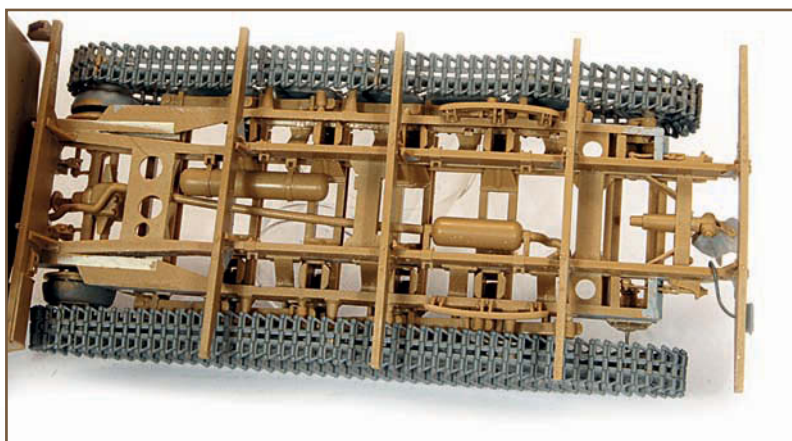


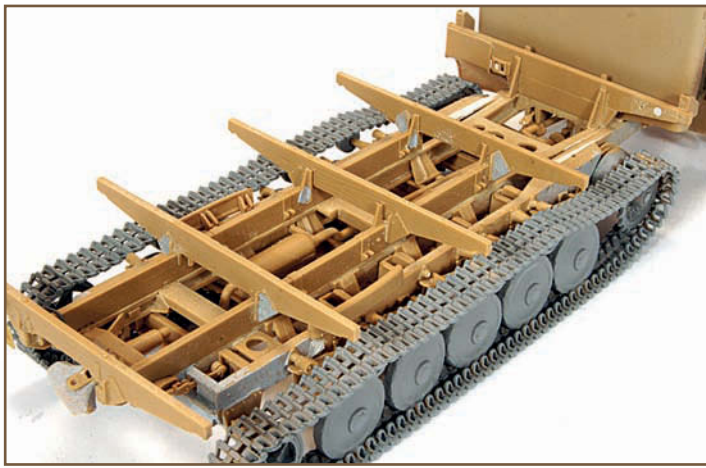
The kit breaks down handily into sub assemblies, the chassis with engine, suspension, the cab and bonnet, and the flatbed. I decided to treat these as individual assemblies and to bring them together at the end of the build.

The suspension was the first stage to be tackled. A complicated experience, but strangely satisfying! With all the swing arms in position I attached the wheels with a small amount of Blue Tack, the link- and- length track was then attached, the lengths proved to be straight forward to fit and I have to say they look the part and could rival aftermarket offerings. After a couple of hours of drying time the wheels/tracks were carefully removed as a whole assembly and placed to one side.

Zevazda have included a rudimentary engine in the kit I didn't want to get bogged down with detailing with the engine, but it seemed a shame to totally hide it under the bonnet. I decided to open one side, and to inflict a little damage at a later stage. But first the cab, as I was going to populate this with a couple crew figures, so I decided to tackle this area first. The cab is by far the most frustrating part of modelling soft skin vehicles as the cab interior does require fully painting and weathering. And once finished, the details you have spent hours doing are hardly visible. Even more so as in this case, as I was including two figures. The driver figure is from the Dragon range, whilst the passenger comes from MiniArt. Both were altered with putty. First, the passenger, he had a Red Cross bib modelled. The second figure, the driver, had Red Cross arm bands added.

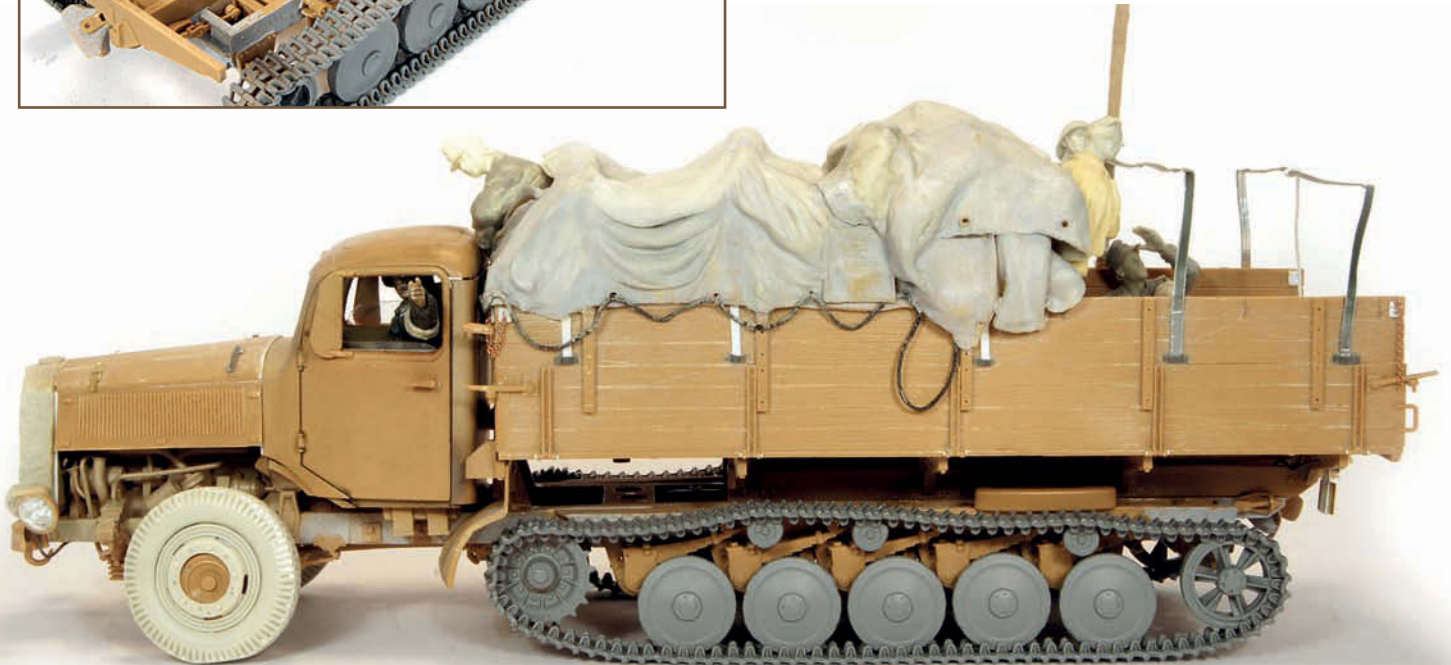
So they would fit, both figures had to altered extensively, mainly the lower half. Also an area of the seat was removed to accommodate them in the cramped cab.





The rear cargo bed and tarpaulin were next. After the body was constructed, which was straight forward, I tackled the tarpaulin. Here, I had two choices, I could totally scratch build one. Or, I could utilise the kit tilt. This is the choice I went with. First, I cut the rear third of tarpaulin off, next I removed the area between the front two frames, this was to allow for the natural sag that would happen to the tarpaulin.

To accommodate the guy taking in the view, the front panel was also altered. A half-moon section was removed with a saw blade; Magi Sculp was used to build up the folds in the material. To accommodate him authentically, a small section of



tarpaulin had to be fabricated from putty between his arms. Next, I raised the two front frames; this was done by gluing a cocktail sticks on to the top of the kit item. Next, rolled putty was attached and let to sag naturally between the gaps. Working my way along tarpaulin, I enhanced the folds and creases finishing with the folded section at the rear. The eyeholes were drilled out along the bottom of the tarpaulin and elastic cord was thread through small wire loops that were attached to the inside of the tarp.

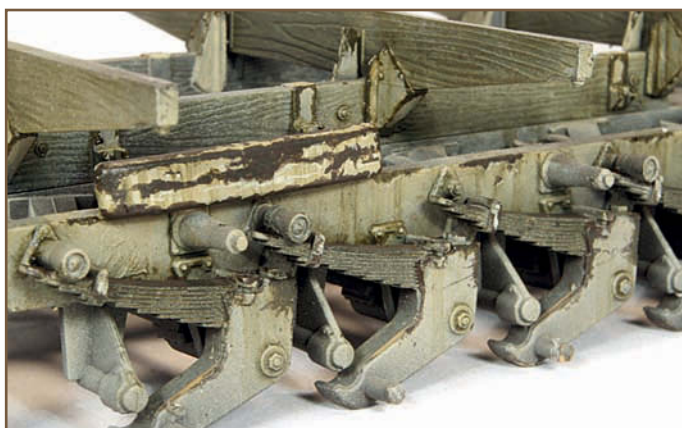
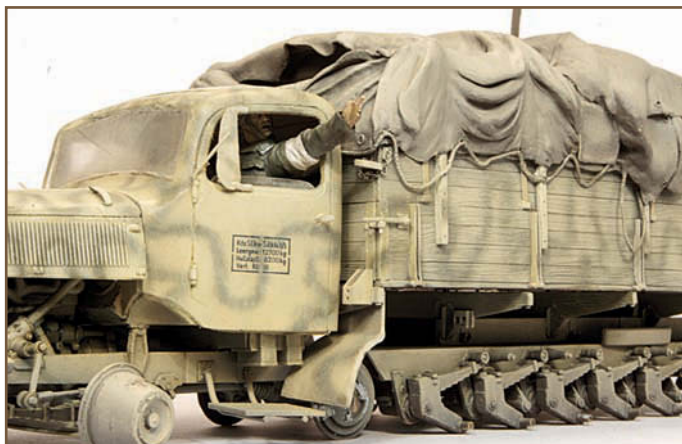
ALL THOSE LITTLE BITS.....

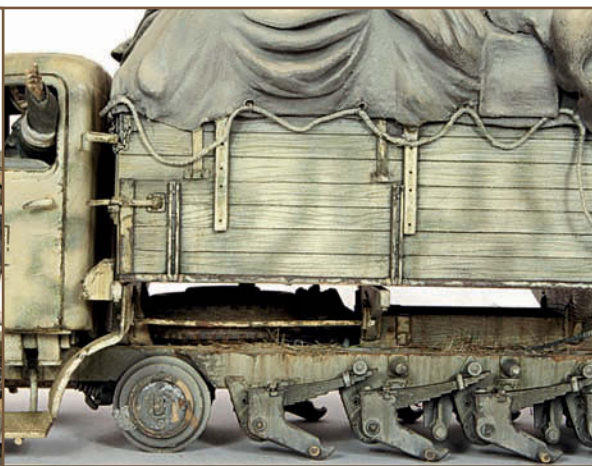
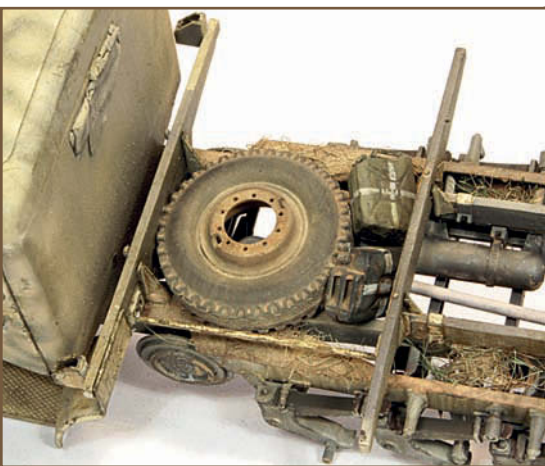
Magi Sculp was used again to build up the radiator cover. Starting with the sides I applied the putty directly on to the kit part. Tamiya tape was cut to size and used for the straps. The bonnet area was next. With the bottom panel missing, the side would be able to

move freely. To replicate this, a sharp blade was run along the under side of the hinge. Then, the panel was gently eased in to the position you see on the finished model. To add a little interest to the upper areas of the large bonnet, I added some Aber tool clamps and a shovel from the spares box.

I wanted to model a vehicle that has seen better days, so along with the damage to the front I decided to add two worn out windscreen wipers. These were scratch built from plastic card and fitted at odd positions. Tread plate from the spares box was used to improve the kit steps as these come without any detail.

Moving to the cargo body and a couple of miner improvements were done here. The wood grain on the cargo body was enhanced with a sharp blade; I also run the blade along the planking joints to add a little definition. Thin wire was used to





replicate the exposed loops that run the length of the body. Small lengths of chain were also attached to each of the corners. The two exposed frames at the rear were cut from thin metal and super glued in to place.

PAINTING....

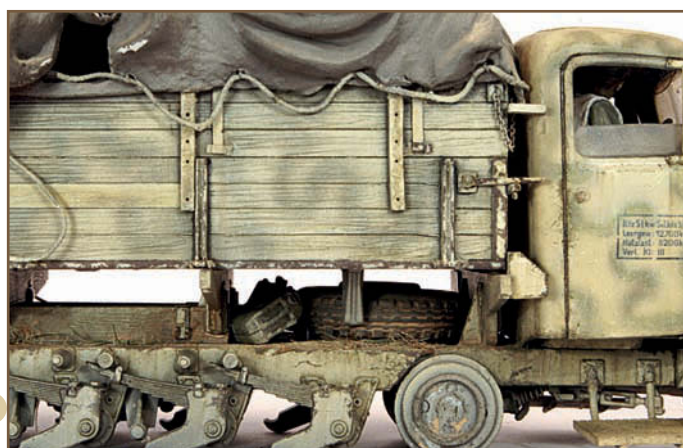
The two separate sub assemblies of the model were dusted of, and then given a coat of Vallejo camouflage Medium Brown (038) this gave me a nice dark under coat to work from. A pre shade if you like.

Next, a thin layer of Hobby Colour(Sandy Yellow H79) this was gradually lightened with H11 Flat White towards the upper surfaces of the model allowing subtle shade to show through. A little post shading was also used on the lower areas such as...under the cargo bed. The rear of the cab also received some attention. Thinned camouflaged brown was also airbrushed around the raised details along the cargo bed sides and on the canopy. Next was the camouflage.

Hobby Colour was used again this time H303 Green and was thinned and sprayed in a random pattern over the vehicle (the cargo bed was temporarily attached for continuity). The tarpaulin was sprayed with a mix of greens with a lighter coat on the upper areas.

WEATHERING....

Once the decals had been applied (onto areas of airbrushed Future varnish) I applied a light covering of varnish over the whole model to seal and protect the decals, and to protect the painting carried out up to this stage.





I applied colour washes, and a little sponged on chipping mainly using dark browns with a little black added to areas of the cab. A little pale dry brushing onto the planking followed. For this, I used Naples yellow oil paint. Before moving onto the next stage I re-matted the model with matt varnish.

Weathering pigments were applied mainly to the lower surfaces this included the area where the spare wheel is housed, a couple of jerry cans from the spares box were thrown in for a little interest.

FINISHING OFF.....

The cargo bed was now glued onto the chassis and the separately painted track units attached. The figures were fixed in place having been painted in enamels and the heads and hands in oils.

All the figures were altered in some way. The stretcher was scratch built from thin metal sheet and brass rod. But the most work went into the two figures that are sat together. The straw scattered around is cut down grass from Woodland scenics.



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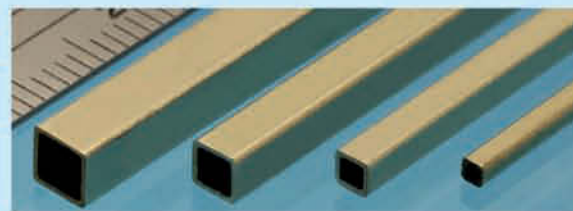
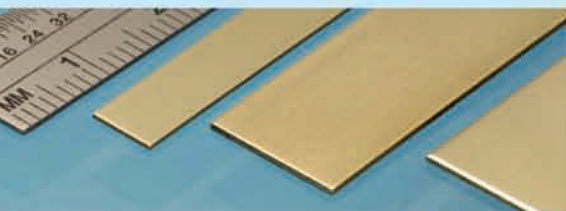
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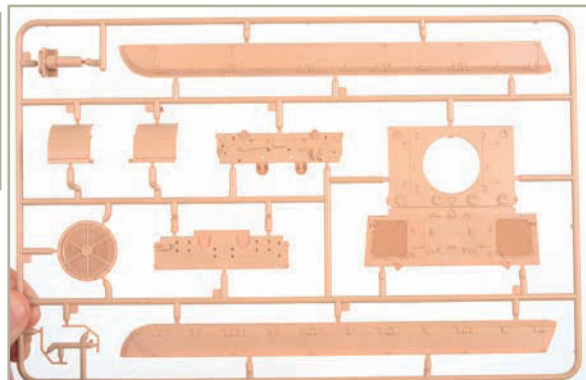
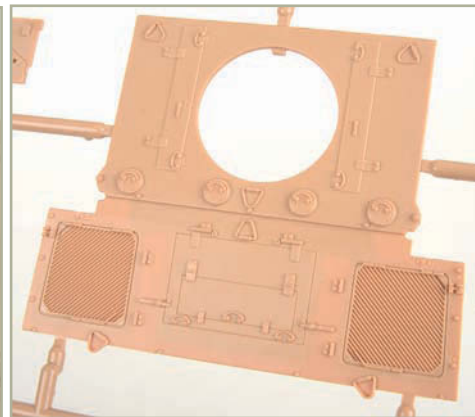
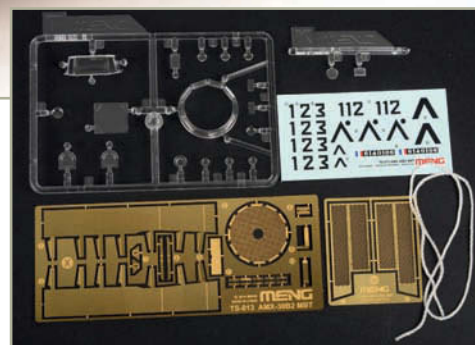
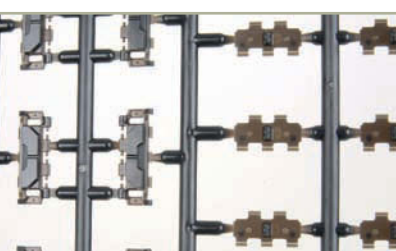
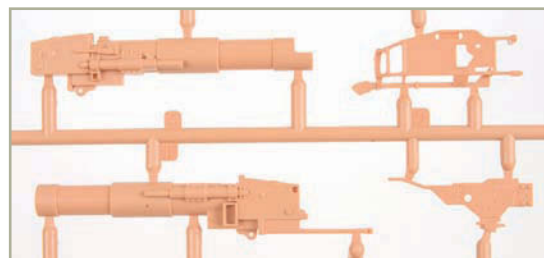
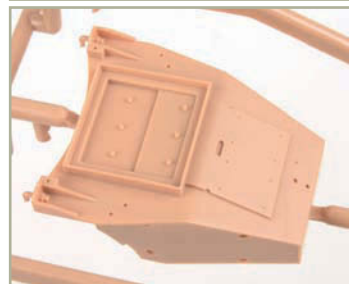
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MENG 1:35 AMX-30 B2

It's hard to believe that two years have passed since Meng released their original AMX-30B to much acclaim from modellers of modern subjects (I recall they even took the trouble to ship an AMX from the Tank Museum up to the IPMS Scale Model World show where the kit was released). Here's the next generation AMX, the 30B2 which saw action in the 1991 Gulf War, and for us at least, this is a more exciting looking version for sure! A surprising amount is changed with this version of the kit, four new sprues, new photoetch and a subtly different turret all moulded this time in a pleasing sand-coloured styrene which shows the stunning detail off so much better than the original kit's dark green. The running gear and lower hull have the same crisply detailed wheels, full working torsion bar suspension and beautiful individual link fully working tracks (complete with an assembly jig) the upper run being covered now with sand shields giving a very different look to the

vehicle. Lots of new equipment adorns the turret, camera unit, NBC ventilation unit, Infrared searchlight and ammo boxes. Other touches of note are jigs to create the large photoetch exhaust shields, extractor holes delicately moulded in the barrel and some stunning treatment of louvres and grilles showing off Meng's use of the latest technology in tooling and moulding. Two photoetched frets are provided along with a nylon tow rope and two clear moulded sprues for the assorted light lenses and periscopes. Decals are provided for a vehicle of the French 6th Light Armoured Division used in combat in the 1991 Gulf War giving great scope for weathering. This is another beautifully detailed 'straight from the box' project with Meng's comprehensive and fully detailed colour instruction booklets and precision design and fit of parts it should prove an absolute pleasure to build.



Revell 1:35 SpPz 2 Luchs A1/A2

Revell re-box another modern German subject with the big 8-rad Luchs. The tooling looks to have stood up pretty well with some sharp moulding and detail and a simple enough build which would allow time for some extra detailing work. The chassis detail is good but it would be worth the work to make the wheels turned at a slight angle, the vinyl tyres are usable but many will be looking for resin aftermarket sets as they're a major focus of the vehicle.

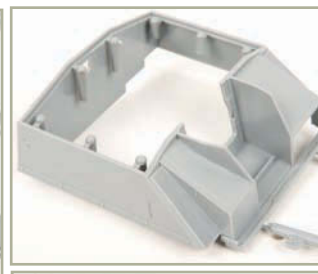
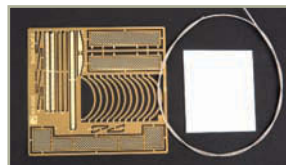
Drivers and turret hatches are separate which is always welcome, what isn't so welcome are the big moulding sink-marks on our sample's upper hull, a couple of which will be tricky to put right. Four marking options are provided including a KFOR vehicle from 2000 and parts offered for early and late production vehicles. Still a decent kit and a good basis for some extra work. Revell kits are available at good toy and hobby retailers www.revell.de/en



Tommy's War

More Great War greatness from Tommy's War in 54mm, the exception being the 42nd Highlander 1854 from the 'Victoria's Heroes' range (VH54002). If you're not keen on painting faces, TW54023 depicting a London Irish Rifles, Loos 1915, is a good choice charging with bayonet fixed. TW54024 is another action pose, 1/7 Bn Lancs Fusilier, Cape Helles 1915. TW54S01 is a superb pairing depicting the Christmas Truce of

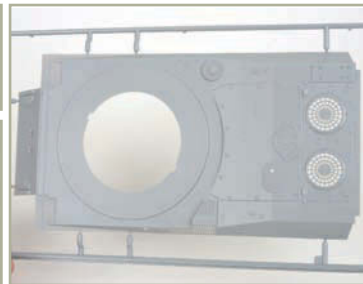
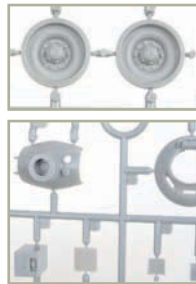
1914 when the guns fell silent. A base for the hand-shaking troops is available separately TW54D02 complete with photoetched barbed wire. Finally, if you're occasionally distracted by busts (no sniggering please) TW10B02 is a handsome Captain chap of 2nd Bn South Wales Borderers, Tsingtao 1914 in large 1:10 and with a choice of head wear. Absolute quality as always, www.tommyswar.com has it all!



Dragon 1:35 StuG.III Ausf.G May 1943 Production

Another bulging box to build a beautiful StuG III from Dragon, this time it's a May '43 with the early shürzen and Dragon look to have ticked all of the boxes with their specific dating. To re-cap on this series of StuG IIIs there's good detail to flesh out the interior including radios and full gun mount detail, all hatches can be posed open on the hull although you'll need aftermarket transmission and engine. The skirt armour is supplied as thin

aluminium pre-cut sheet and there's more metal with a comprehensive photo etch fret and DML show-off their slide moulding with superbly detailed rear hull and superstructure and the usual lower hull with complete torsion bar set-up. So as we've said many times (we've lost count of the number of variations they've released) these are fantastic out of the box builds with stunning levels of detail, but I think we have enough now!



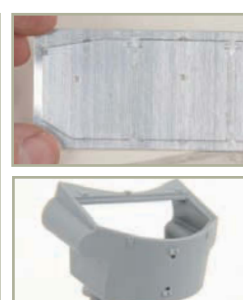
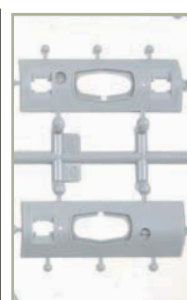
Dragon 1:35 M6A1, MBT-70 & M103A1

Three new kits from Dragon's Black Box range with a couple of experimental subjects along with the impressive M103 heavy tank. Sadly the M103 whilst crisply moulded, features some fairly devastating errors with an undersized gun barrel, inaccuracies in the turret roof, positioning of the sprockets which are carried over from the M48 so lack the cut outs. The kit does not provide the mantlet cover sadly and whilst it may resemble the real vehicle it will require quite a bit of work to sort out the problems. DS styrene tracks are provided and its a shame that more care was not taken with the design of the kit. A prime example are the triangular lifting loops moulded behind the mantlet. The same pattern loops on the turret roof panel are crude raised triangles with no mountings.

Moving onto the M6 and for me this is just a bizarre choice of subject and not something I can image many modellers will be

fighting to get hold of? It is nicely done with raised weld bead detail and completely new suspension components but some details like the .50 Cal are disappointing and other reviewers have noted that the DS styrene four part tracks are too wide when compared to the real vehicle.

Finally it is up to the MBT-70 to raise the standard and this comes with a four page colour leaflet of pictures of the real vehicle to assist you. It is the best of the three with nicely moulded detail and as with the others DS Styrene tracks. The 20mm autocannon is provided in the deployed position but if you want it stowed with the hatches closed there is no indication on how to do this. If you have always wanted an model of the MBT-70 then this should please you but I cant help thinking that there are plenty of more mainstream subjects still waiting to be modelled?



Dragon 1:35 Pz.Kpfw.III Ausf.L (late with winterketten) and Pz.Bef.Wg.III Ausf.J (with Schürzen)

We've featured so many of these Panzer III versions from Dragon there's a strong chance of repeating ourselves here with these two latest subtle variations. Needless to say these kits hold their own as the best Pz.IIIs on the market with stunning detail straight from the box complete with photoetch and in the case of the 'L' individual magic tracks (the Befelswagen having the single piece DS versions). Another nice touch of the 'J' kit are the fine metal side skirts and the delicate mounting brackets and 'crows foot'

antennae. Four finishing options are offered for the Befelswagen from winter whitewash to North African tan making for what's surely the ultimate Panzer III modelling subject? The Ausf. L can be marked as three Kharkov tanks with the distinctive worn whitewash and wide stance with the extended tacks, another great subject. Beautiful kits, but surely you've exhausted all the versions now Dragon? Our thanks to The Hobby Company for our Dragon samples.

D-Day 1:35 WWI British Tank Corps

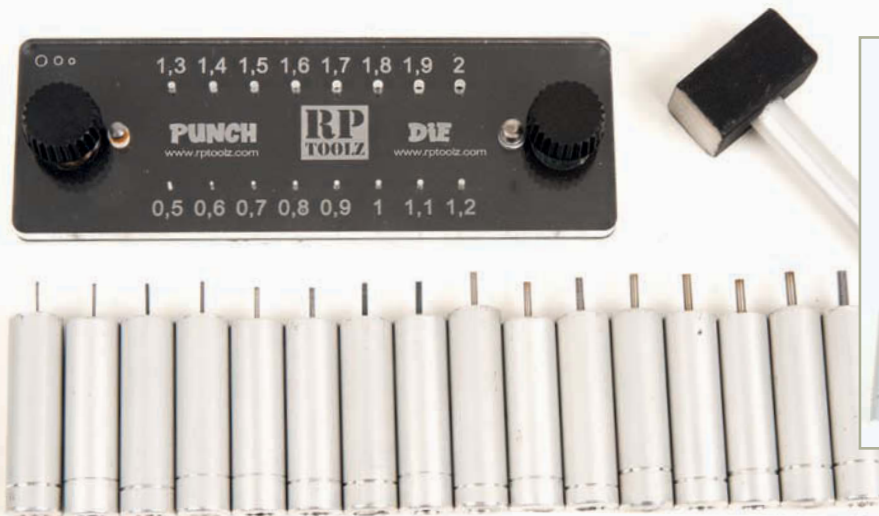
'A simple way to happy modelling everyday' so the packaging states, and how could you argue with these two chaps from Polish manufacturer D-Day Miniature Studio. A timely release, these WWI British Tank Corps will compliment beautifully any of the exciting releases we've had this Centenary year. Superb sculpting and casting will make these a real joy to paint and are set to be included on one of our latest projects.

www.ddayminiaturestudio.com



Mr Hobby Mr Red Oxide Surfacer 1000

One of our favourite finishing manufacturers, Mr Hobby, have released this red oxide coloured version of their aerosol Surfacer 1000. This will give an excellent base for any red primer based subject with a superb finish straight from the can and brighten up your day. Thanks to Model Design Construction who carry a huge range of Mr Hobby products. www.modeldesignconstruction.co.uk



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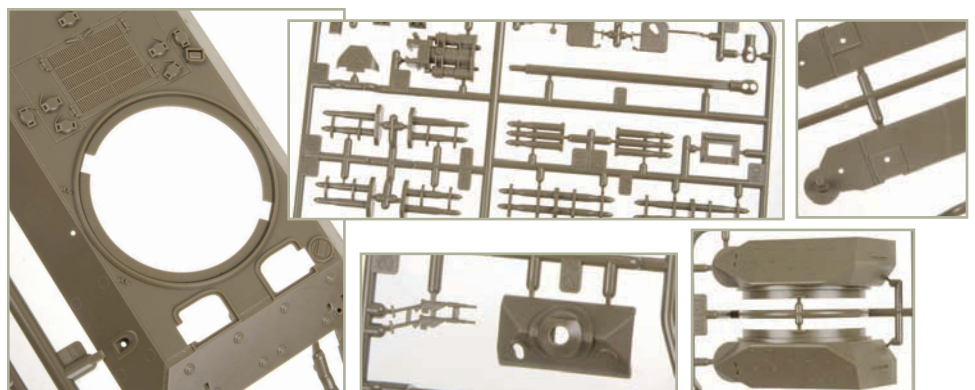
An invaluable tool for the scratch-builder and detailer has always been the punch and die set. These new sets from RP expand their precision engineered range with these circular pattern dies. A set of sixteen sizes from 0.5mm up to 2mm and a further larger sized set of twelve sizes from 2 to a massive 4mm! Made in Hungary, these sets have a superb quality feel to them with precision machining of the materials and laser cut and etched

clear guide plate which is spring mounted to the weighty base. A small hammer is even included. The dies all come with sizes marked on the end plates to avoid any mishaps. They work as good as they look and these high quality tools should see years of trusty service on your workbench. Hexagonal punch and die sets are also available and a range of other tools for the discerning modeller. www.rptoolz.com is the place to visit

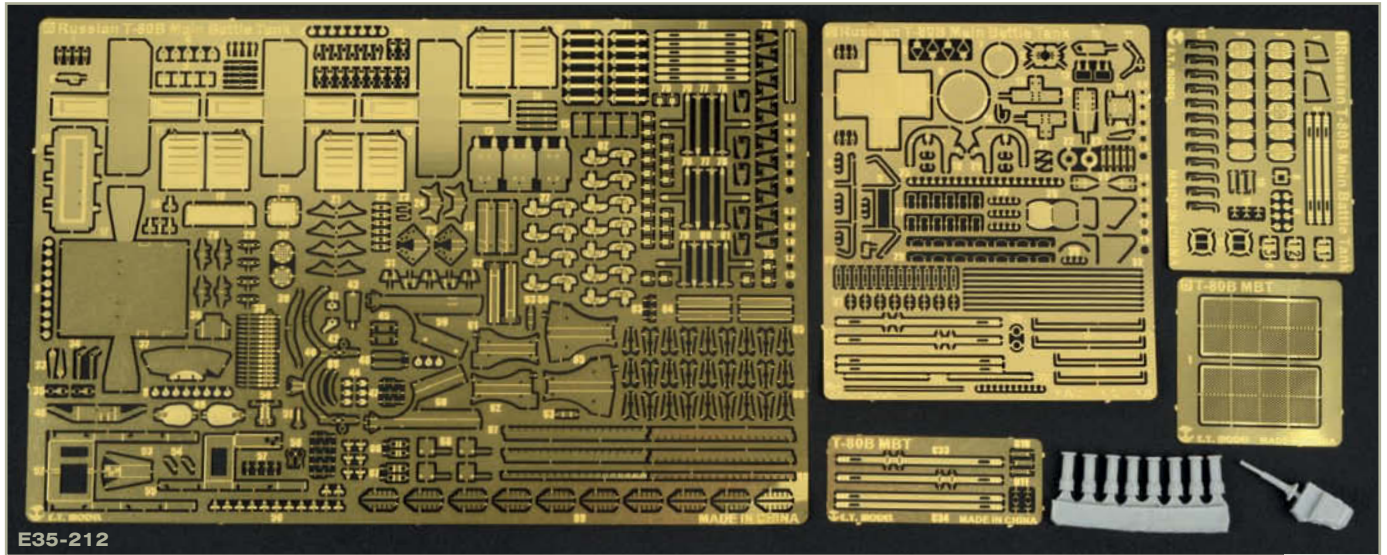


Tamiya 1:48 M10 IIC Achilles

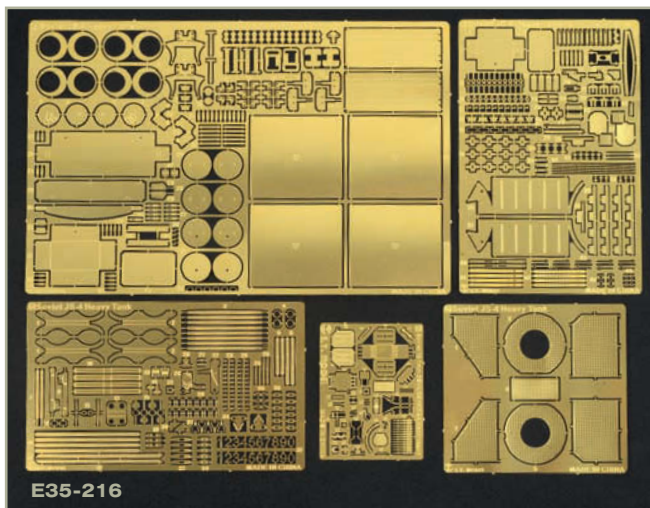
Although 1:48 never looks as if it will be as popular as 1:35, Tamiya obviously see the niche and continue their series of quarter-scale kits. These kits are generally well detailed and have the attraction of Tamiya's legendary quality and ease of build. The 17 Pounder-packing British M10 is a great looking subject with its open-topped design giving the modeller a chance to show off some interior. Probably because of that interior, this release is certainly one of the most packed boxes we've seen in the series with some good detail to produce a busy fighting compartment



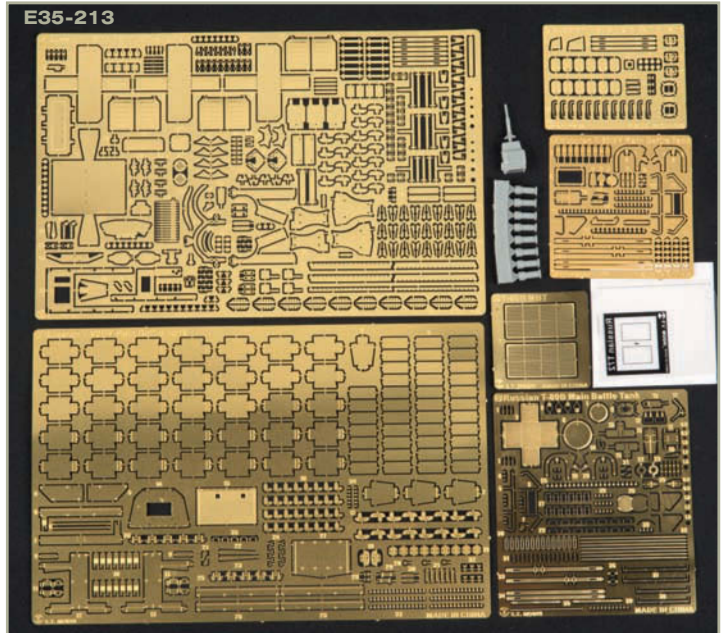
including a full breech and ammo storage. The running gear is as previous M4 based kits with both solid and spoked roadwheels and a choice of sprockets with the rubber chevron tracks in a link and length style which look good once in place. The upper hull shows some nice weld detail and the heavy spaced front armour is provided as a separate piece to give the correct look and there's opening front hatches should you wish to add some figures. A typically Tamiya kit, which is never a bad thing.



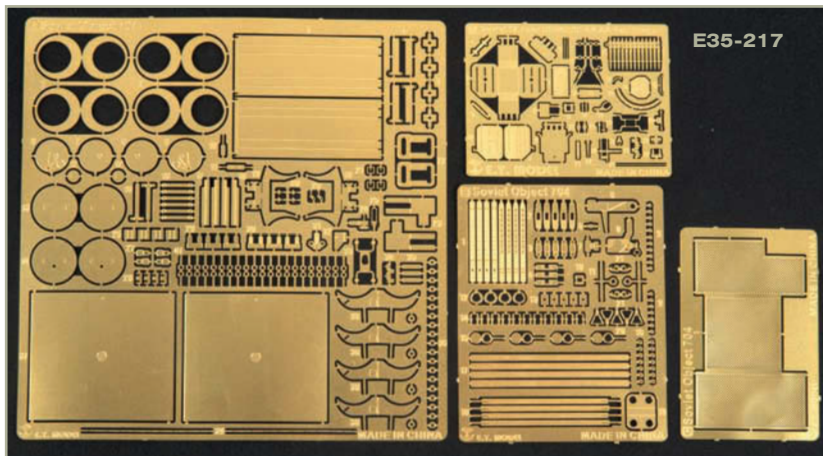
E35-212



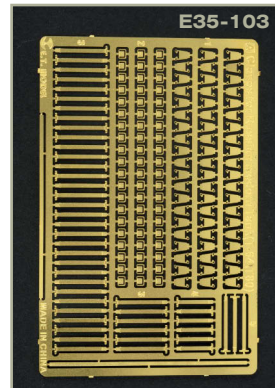
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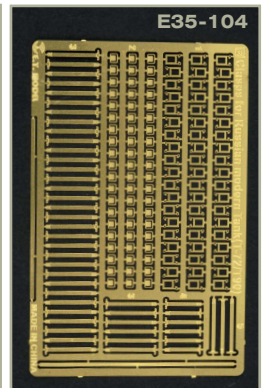
E35-213



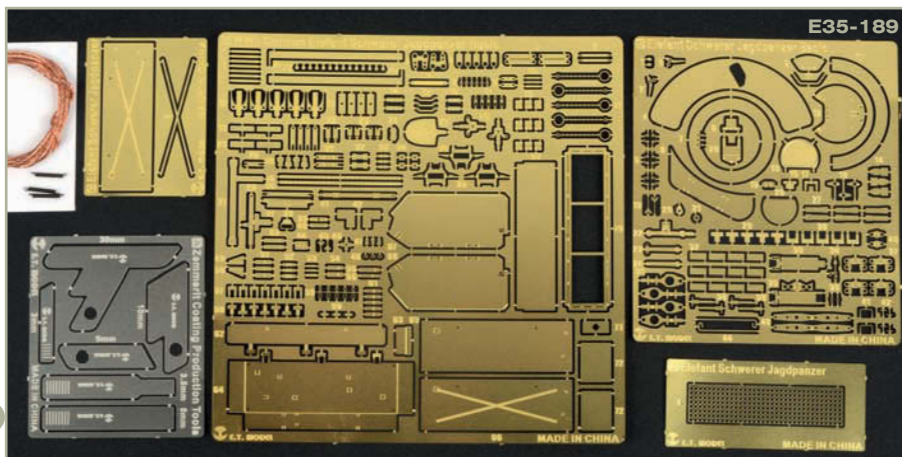
E35-217



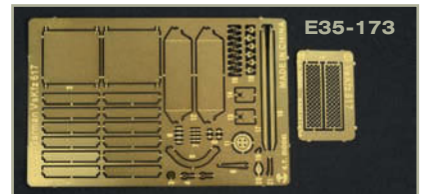
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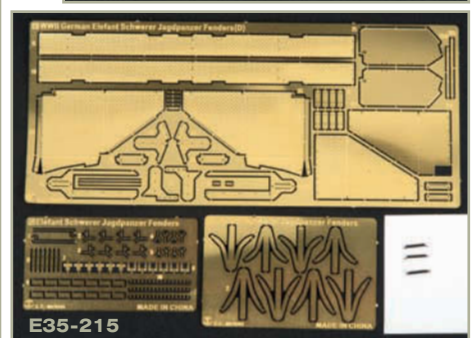
E35-104



E35-189



E35-173



E35-215

E.T. Model Photoetched Upgrade Sets

We have another bumper batch of photoetched upgrades from the prolific team at ET Model. To start with there are a couple of big sets for the Trumpeter T-80 kits. Set E35-212 is designed for the Trumpeter T-80B (05565) and this gives you replacement latches for the stowage bins along the hull, new mounting frame and straps for the snorkel, fuel drum brackets and straps, new turret stowage bin, details for the gun barrel, MG ammo canisters, headlamp guards, hinges for the skirts, some great covers and numbers for the convoy light and a new exhaust grille. The set also includes resin smoke grenades and antenna mount. Set E35-213 is to fit the Trumpeter T-80BV (05566) and like the other T-80 set you get the bin latches, snorkel mount, fuel drum mounts and turret stowage bin etc. the additional parts here are the sets of ERA blocks which will replicate the folded construction of the real blocks very accurately. There are also parts to make the protective windscreen for the cupola. This set has the same resin parts and a printed film to glaze the windscreen. If you fancy a less demanding upgrade there are two sets of Modern Russian Clasps EA35-103 for T-64/T-80 and set E35-104 for T-72/T90. Staying with Soviet subjects and set E35-216 is to upgrade the

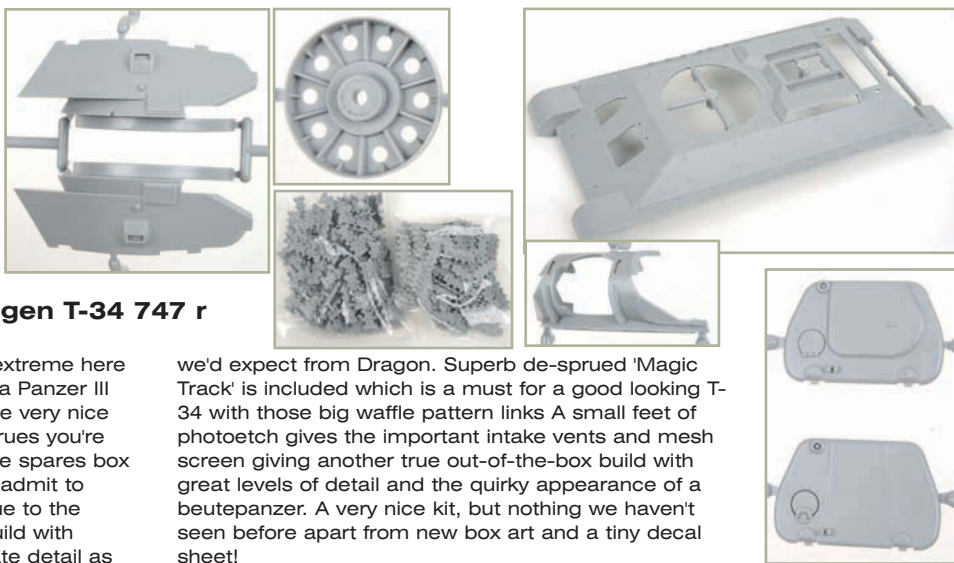
new Trumpeter JS-4 Heavy Tank (05573) and gives you mesh screens for the engine decks, superb textured stowage webbing straps, replacement stowage bins and tool clasps, front mudguards and a complete set of fuel tanks and their mounts. These have been cleverly etched to make the easire to roll up. Set E35-217 is for Trumpeter's Project 704 SPH (05575) and this too offers all the same easy roll fuel drums, details for the MG, engine deck screens and those great webbing straps. Two sets now for Dragon's Elephant with E35-215 offering a complete set of fenders and hinged front sections along with a set of their superb in scale springs. Set E35-189 provides all the other details you might need with full detailed tool stowage box mesh grille, hinge mechanism for the front hatches, replacement cupola hatch details, new roof plates for the gun sight and gun travel lock clamp. The set also helpfully provides a fret of etched zimmerit rakes and a copper tow cable. Finally in this group we have a small update set E35-173 for the Meng Minenraumer which gives replacement ventiation grilles and covers, headlamp bracket, lifting hooks and latch details. www.etmodeller.com has full details of these and the rest of the range.



Dragon 1:35 Panzerkampfwagen T-34 747 r

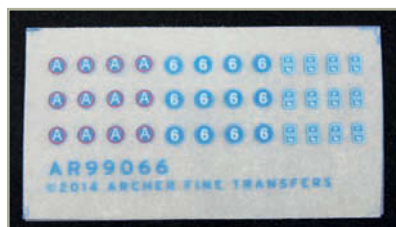
Dragon exploit their previous toolings to extreme here with what is essentially an early T34 with a Panzer III turret bin! To be fair though, their T34's are very nice indeed and due to the jumble of older sprues you're going to have a whole load of parts for the spares box (like two spare turrets for a start!). I must admit to forgetting how nice these kits are, and due to the spartan nature of the vehicle, a simple build with beautifully moulded upper hull with delicate detail as

we'd expect from Dragon. Superb de-sprued 'Magic Track' is included which is a must for a good looking T-34 with those big waffle pattern links. A small feet of photoetch gives the important intake vents and mesh screen giving another true out-of-the-box build with great levels of detail and the quirky appearance of a beutepanzer. A very nice kit, but nothing we haven't seen before apart from new box art and a tiny decal sheet!



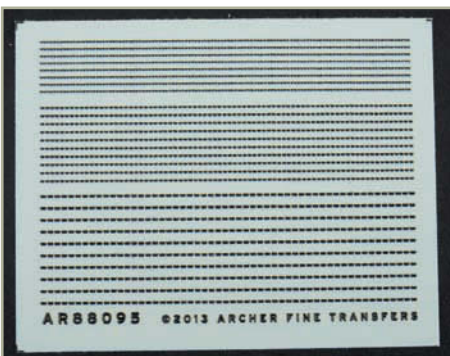
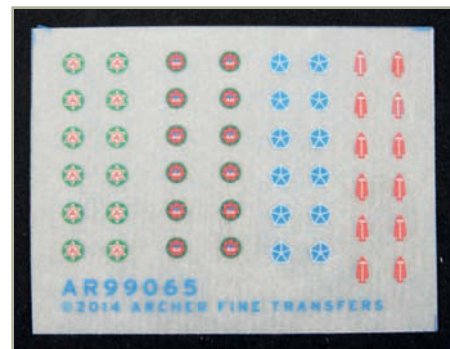
Inside The Armour Engine covers for Mkl Universal Carriers

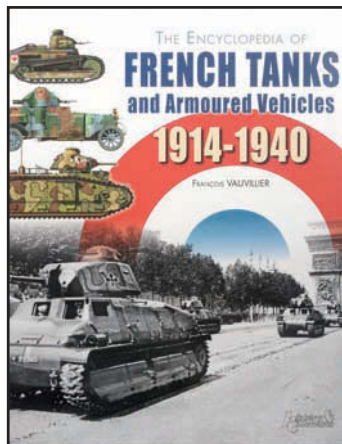
If you'd like to show off all the detail of the engine compartment on the Riich kit here's the answer from ITA. This highly detailed etched set has all the covers with choice of position. Also there's a bonus of slings and buckles for the Brens and Lee Enfields. www.insidethearmour.com



Archer Fine Transfers

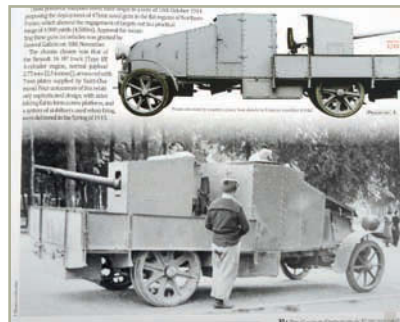
There's always something new from the guys at Archer and these dry rub-downs will add a touch of colour to your 1:35 U.S. figures. These insignia would be very difficult to paint, AR99066 covers 3rd Army and 2 / 6 Corps and AR99065 included 6th Army 5 / 7 Corps and Special Service. Archer produce a range of surface details which are delicate resin casts on clear decal paper which are designed to be applied pre-paint, AR88095 is a set of generic piano hinges to suit any scale. Finally a set of decals for the 1:35 diorama builder with AR35383 providing a great selection of German road signs (both military and civilian). Find Archer's extensive range at www.archertransfers.com



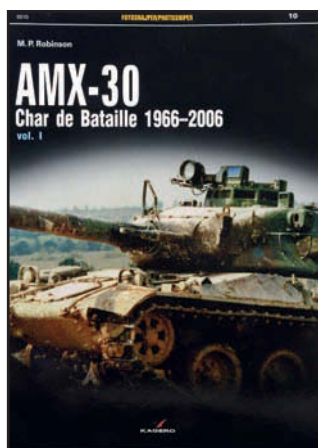


The Encyclopedia of French Tanks & Armoured Vehicles 1914-1940

By François Vauvillier
Published by Histoire & Collections
Hardback format, 176 pages, English Text
ISBN 978-2-35250-322-4
www.casematepublishing.co.uk



This is a fantastic book which provides what surely must be the ultimate guide to French armoured vehicles and beautifully presented with all the usual Histoire & Collections high quality production values. Attempting to categorise such a subject is not an easy task but the book works in chronological order and by dividing up the vehicles by the categories of strength and speed and these are further broken down using a system of numbers and letters. Each section has a detailed schematic tracing the developmental family tree of the assorted vehicle types. Each vehicle is then examined in detail using period photos and superb colour profiles, helpfully reproduced in 1:35. There is a concise history for each type and in some cases like for example the FT-17 this can stretch over several pages to cover the various developments and for each type the total number produced is listed. For the fan of French Armour this book is a veritable feast of information and inspiration and worth having for the colour profiles alone. There is much good material available from publications like GBM (edited by the author) but these are French language so this English language edition is to be applauded and this is absolutely a must-have reference.



AMX-30 Char de Bataille 1966-2006 Vol.1

By M. P. Robinson
Published by Kagero
Softback format, 80 pages,
ISBN 978 83-62878-99-4
www.casematepublishing.co.uk

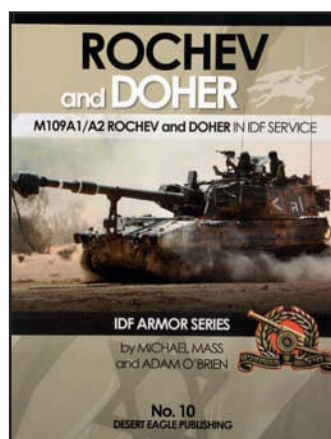
Another new title in this great reference series from Kagero which tackles the much neglected AMX-30 and with two new AMX kits on the market now this is very handy. The book covers the development of the vehicle which was conceived as a weapon for all the Western forces and went on to serve for 46 years. The book is lavishly illustrated with colour and mono archive images, diagrams and eight different colour profiles and a twenty three page walkaround section. There is information on vehicle markings and unit compositions too and coverage of the different support vehicles. For the modeller there are stacks of images showing the tank in a variety of different camouflage schemes including ones in Greek service and some examples sporting temporary mud camouflage which provide plenty of inspiration. A really solid stand alone reference for anyone wanting to model the AMX-30 and we look forward to volume two!



Panzerwrecks 17, Normandy 3

Lee Archer and William Auerbach
Published by Panzerwrecks
Softback format, 97 pages
ISBN 978-1-908032-09-6
www.panzerwrecks.com

How do they keep doing it? Just when you think you'd seen it all, the Panzerwrecks guys provide another twenty years of 'must build' modelling! How about a FAMO mounting a Bilstein crane in large format and sharp focus? Or a Panther recovery across a series of shots being loaded onto an M25 transporter? As always, it's hard to choose your favourites from any of these books as they are just packed with interesting images that are new to most of us. With all the favourite subjects of German armour modellers covered plus a focus on StuGs with added concrete armour and the rare 15cm Panzerwerfer 42 getting some excellent close-up coverage. Panzer Lehr Panzer IVs get some attention and there is a rare Lorraine schlepper based howitzer mounting the Wespe style 10.5cm weapon. These guys are dedicated to detailed research and consistent quality from Panzerwrecks with every exciting issue; get them all!



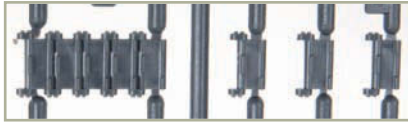
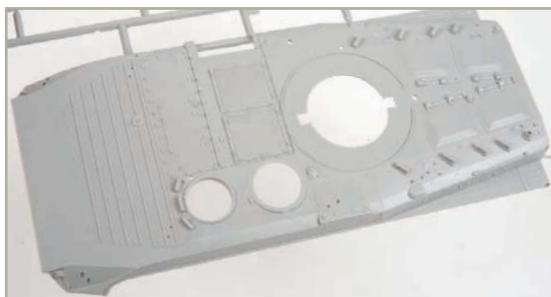
Rochev and Dohar in IDF service

Michael Mass and Adam O'Brien
Published by Desert Eagle Publishing
Softback format, 84 pages
ISBN 978-965-91635-6-4
www.deserteagle-publishing.com
www.aviationbookcentre.com



Have a fancy to build an Israeli M109A1 / A2? Here's the reference and inspiration you need with the latest from Desert Eagle's IDF Armor Series, both Mr Mass and O'Brien being enthusiastic modellers themselves, we're always assured of exactly the images we need in clear large format. The sections cover 'in action' with some fantastic weathering reference, comprehensive walk-around studies of the Rochev and Dohar, engine

compartment (including removed powerplants and naked engine bays), interior details and ammunition reference. Over two hundred exclusive photographs and diagrams make this No.10 in the series another 'must have' for IDF enthusiasts and highly recommended. Thanks to the Aviation and Military Book Centre for our sample copy.



Italeri 1:35 BMP-1

This was a bolt from the blue from Italeri, a new BMP-1 release? Unfortunately this is not a new kit, new decals and packaging but you can't polish the fact that this is the vintage Esci tooling. For a long time the discussions of the 'for and against' accuracy arguments raged between this and the DML / Zvezda kit, if I'm not mistaken both toolings were based around the same design; both

wrong on many levels and closer to 1:32 in size. The kit certainly shows it's age and is very basic generally with some dubious details (hence the volume of aftermarket sets available) one kind comment would be that it's a very suitable build for a novice modeller but Trumpeter's BMP is light years ahead for not a lot more money.



Paper Panzer Productions

1:35 Wheel Set for Trumpeter E75
1:35 King Tiger/E50/75/100 Exhausts
1:35 Panther D initial radiator fan covers

At the recent KMK show we were shown the work of a new company with some neat resin upgrades focusing on late war and popular proposed and prototype armoured vehicles. The sets are nicely presented and the casting is excellent, our samples are PPP35002 which are exhausts, cast armoured covers and a tow pintle to suit late Tiger II based vehicles and the 'E' series.



PPP35004 is a set of E75 road wheels which I'm told are rendered from factory drawings and extremely accurate with beautiful detail. Panther fans aren't left out either with some accurate initial 'D' fan covers with set PPP35005. www.paperpanzer.com

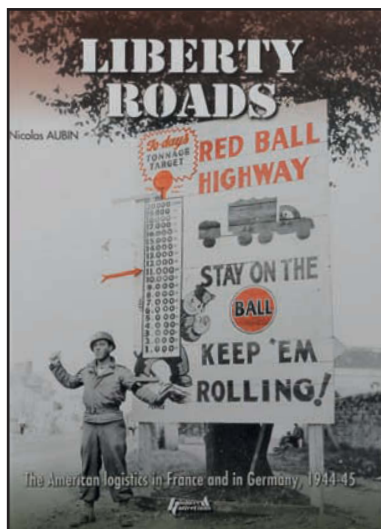


Lifecolor

A new box-set from Lifecolor to help diorama builders achieve realistic lichen and moss effects with four colours and grades of powdered textures (foam based, not pigment powder) and two colours of liquid fixers with a gloss sheen finish. As usual, Lifecolor



colours are realistic and well researched with the full range available in the UK from The Airbrush Company.



Liberty Roads- American Logistics in France and Germany 1944-45

Nicolas Aubin

Published by Histoire & Collections

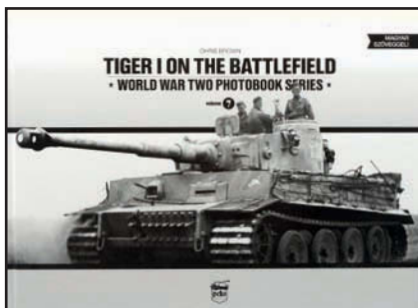
Hardbacked format, 224 pages

ISBN 978-2-352503-20-0

www.casematepublishing.co.uk

I can't recall seeing such a substantial and impressive book devoted to the logistics of the American push through Europe after D-Day on the Red Ball Express from the Liberty ships, floating ports through to the trucks on the ground supplying a staggering 12,500 tons of supplies daily. This book is beautifully presented and packed with quality photographs, some in original

colour, featuring all manner of soft skins and engineering vehicles and a good amount of armour also covering every aspect from building of the ships Stateside to delivery to the front in Europe. A good selection of propaganda illustrations and posters along with illustrated maps add a nice splash of colour though out making this a very enjoyable and thoroughly well researched book.



Tiger I on the Battlefield

By Chris Brown

Published by PeKo

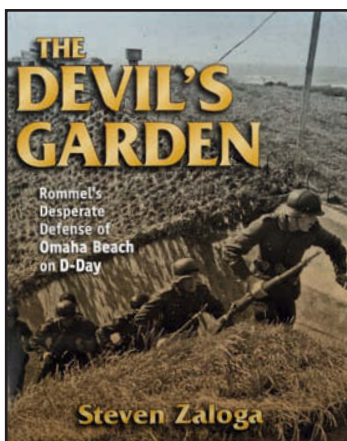
Hardbacked landscape format, 105 pages

(Hungarian / English text)

ISBN 978-96-389623-6-2

www.panzerwrecks.com

Still as popular as ever as a modelling subject, the Tiger I still maintains its legendary status (to be seen soon also in the Hollywood movie 'Fury') and when you think you've seen all of the photographs in existence, think again. Here's a whole new batch with only a couple which look familiar to us, of the Tiger on all fronts with a great mix of captured, abandoned and combat vehicles with some fantastic images to inspire that next project. There's some new images of some well documented Tigers such as Pz.Abt. 503's '123' which graced our very first (and anniversary) cover and some great re-fitted tanks with unusual features which would make exciting projects with some well researched detailed text for each image. A must for Tiger fans, thanks to Lee Archer of Panzerwrecks for the sample copy which is already well-thumbed!



The Devil's Garden Rommel's Desperate Defence of Omaha Beach on D-Day

By Steven Zaloga

Published by Stackpole Books

Hardbacked Portrait format, 272 pages

ISBN 978-0-8117-1228-6

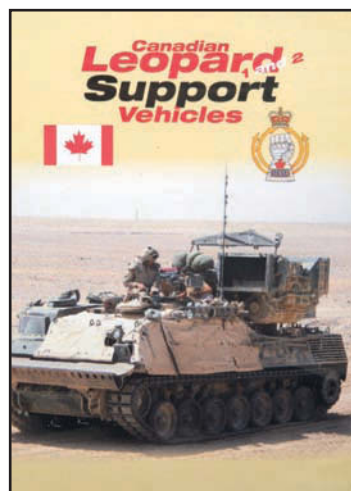
www.casematepublishing.co.uk

Respected modeller and military Historian Steve Zaloga's new book examines the reasons for the high casualties suffered by American forces on D-Day and fortifications and troops that they faced. The breakdown and order of battle of the German forces is discussed and there is detailed examination of the assorted artillery employed and the extensive beach defences. The geography of the beach is also examined as are the assorted bunkers and the effects of the naval bombardment on these defences. First hand accounts from troops on both sides bring the study to life and the book is generously illustrated with 240 photos with a mix of modern day and period images. A fascinating book which cuts through the mythology to examine the facts.



Ushchi Van Der Rosten

More creative decals from Uschi with a selection of coloured marble surfaces with a multitude of uses in any scale or period. Each set contains two sheets, one common is a beige /neutral toned collection and 1017 has black / grey marble, 1018 is red and 1019 blue tones each providing a set of tile borders. Quality and finesse of the print is excellent and www.uschivdr.com has some great inspiration and tutorials on use of their specialist products.

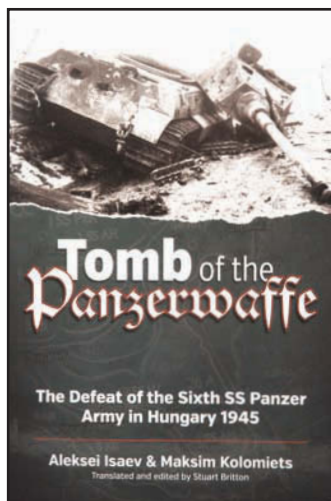


Canadian Leopard Support Vehicles (1 and 2) DVDs

These two DVDs provide a wealth of reference for anyone looking to model Leopards operated by Canada namely the support engineer vehicles Dachs, Taurus, Beaver and Büffel. The knowledge is first hand from the Author and photographs are from various sources covering operations spanning domestic training, NATO and combat operations in Afghanistan 2006- 2011. Along with photographic references there's Word documents detailing



technical details and modifications and excerpts from original manuals. The DVD format allows the use of video footage which is a real bonus to see these machines at work. A great addition to the series which includes C1 and C2, C2 Mexas and 2A4/6 CAN, excellent modelling reference. Thanks to www.highcalibreminiatures.com for our sample where it is available to order.



Tomb of the Panzerwaffe- defeat of the 6th SS Panzer Army in Hungary 1945

Stuart Britton, Aleksei Isaev & Malsim Kolomiets
Published by Helion & Co
180x250mm hardback format, 200 pages
ISBN 978-1-909982-16 1
www.casematepublishing.co.uk

This in-depth study of the infamous 'Spring Awakening' and 'Konrad' offences comes from two leading Russian military historians draws on data from both Russian and German archives with very readable well translated text. From a pure modelling reference there is a superb collection of 120 period photographs mainly of German armour taken shortly after the combat by a

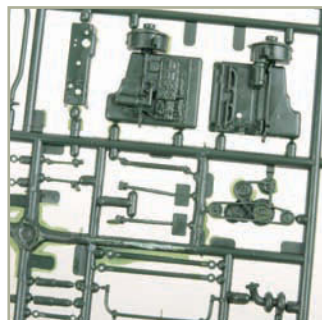


Soviet inspection team with some rare beasts on show, Jagdpanzer IV/70 (A), Möbelwagen and plenty of Tigers, Panthers, Wespes and StuGs. Some battle weary Russian beasts also feature throughout, although all of the photos are small if you have an interest in this closing part of the War this book will be of great interest, although a tad expensive I feel for the small format.

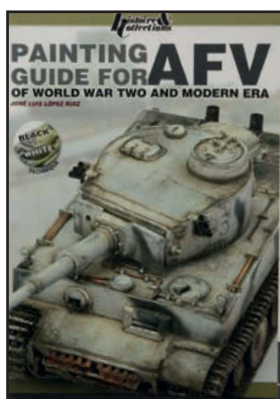


Revell 1:35 LKW 2t. tml gl (Unimog)

A rerelease of their 1990s Unimog, this kit is pretty comprehensive with full chassis and engine detail with tarpaulin covered load bed. The cab interior is complete with opening doors. The disappointing thing is none of it is very well moulded, the detail is soft and there's a lot of flash on our sample which isn't helped by



the dark green plastic. The vinyl tyres are poor but superb resin wheels from the likes of DEF Model will really help with this prominent feature, be prepared for some work to bring this one up to modern standards of finesse. Revell kits are available at good toy and hobby retailers www.revell.de/en



Painting Guide for AFV of WWII and Modern era

José Luis López Ruiz
Published by Histoire & Collections
Softback format, 82 pages
ISBN 978-2-35250-387-3
www.casematepublishing.co.uk



If you're a fan of the 'Spanish Style' of finishing with it's strong contrasts and rich colours this new release from H&C will guide you to achieving the look, the author being a pioneer of the techniques involved which he shares in great detail. José has developed a 'black and white' pre-shading style which has certainly made his work stand out over the years. Lots of big

clear images and step by steps give a good insight into the materials, colours and application across several diverse projects with a extensive gallery of José's work. A nice feature of the book is the wide variety of old-school products put to use proving you don't need racks full of all the latest magic potions to produce attractive models.

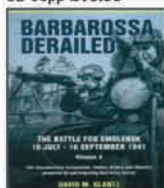
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Panzerwrecks 17 Normandy 3
L Archer Which 15cm chemical rockets were available to the Germans in Normandy? How do you identify them?, and many other questions answered.
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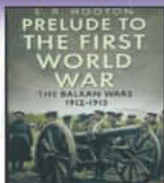
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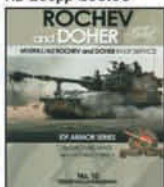
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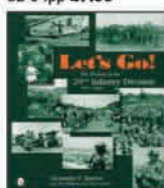
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Art of Modelling 04
July/Aug 2014
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The War Archives D-Day Allied Vehicles, Aircraft & Equipment P Ware
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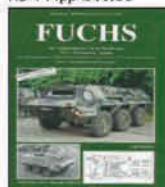
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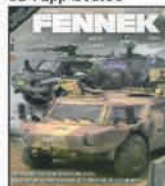
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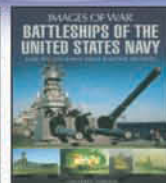
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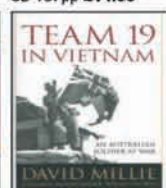
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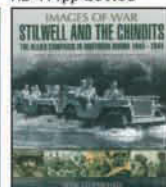
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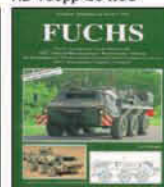
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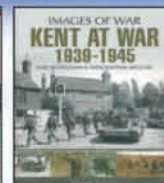
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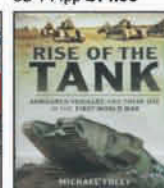
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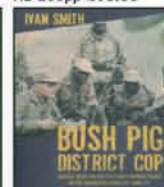
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Images from the Arsenal of Democracy C Hyde
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Tiger I on the Battlefield World War Two Photobook Series Volume 7 C Brown
With dual language captions (Hungarian/English) this photo album contains rare large format photos of the Tiger I tank during combat 105 Black and white photos throughout
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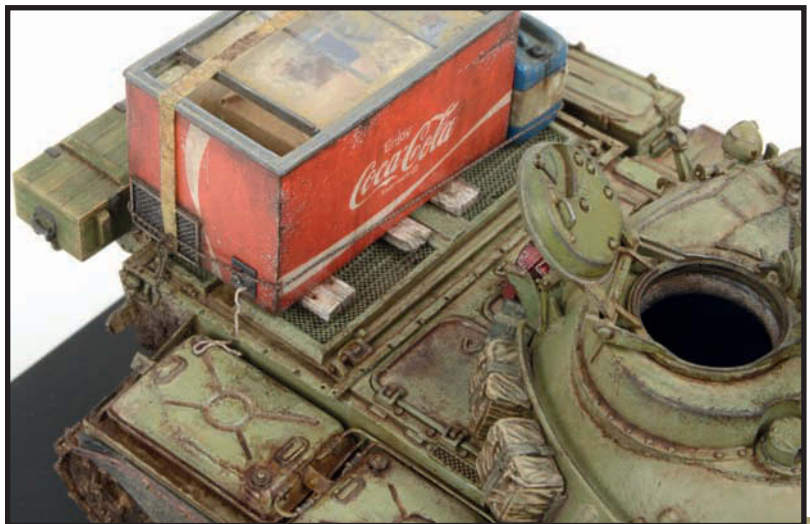
Open Day 2014

Once again we opened our studio doors one summer Saturday for some laid-back chat and a display of some fine modelling from friends and contributors to the magazine. With visitors from just over the border in Scotland and as far as Bristol everyone left full of food, new ideas and a few kits and goodies under their wing!

See you all again next year.



Scotland's Brian Murdoch enjoyed a quick out-of-the-box build with Meng's sublime little FT-17 and a MiniArt diorama set



Lester Plaskitt doesn't turn out many finished pieces but when you study his work it's not hard to see why, this depth of finish takes dedication. Lester's superb Bosnian T-55 has collected many awards and is a master-class in extreme weathering (and extreme stowage!)



Graeme Carruthers brought along some work in progress with his blocked-up T-72 and AMX turreted IDF Sherman. His finished Finnish T26 scene has a real sense of bitter cold.



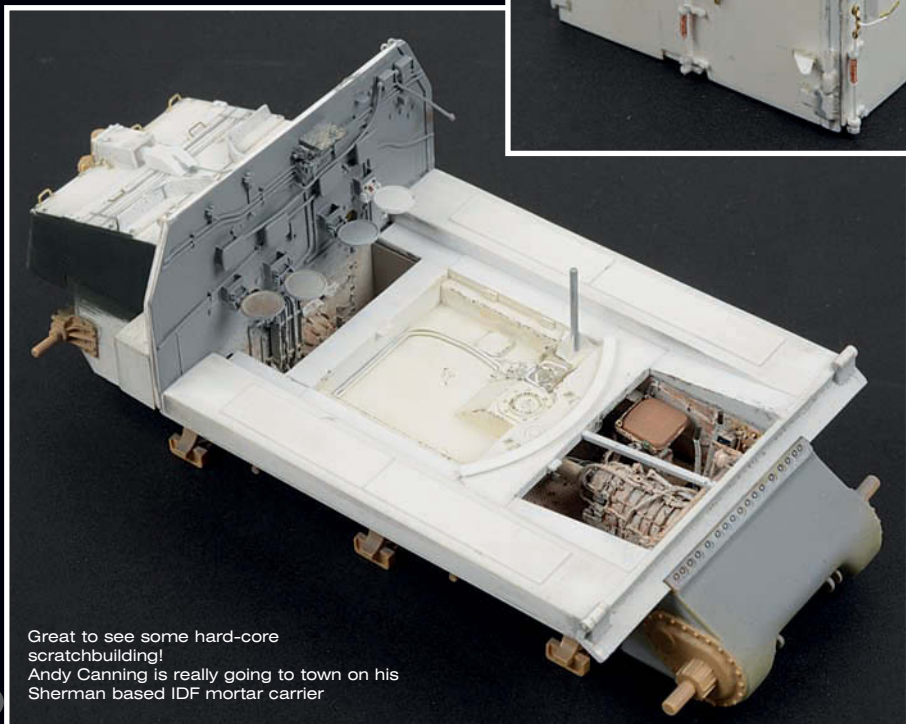
Hey - photoetch can be fun!.. or so
'Chef' Parker attempts to demonstrate.



A couple of weeks later Chris Meddings picked up a medal at KMK's show in Belgium for his Shilka



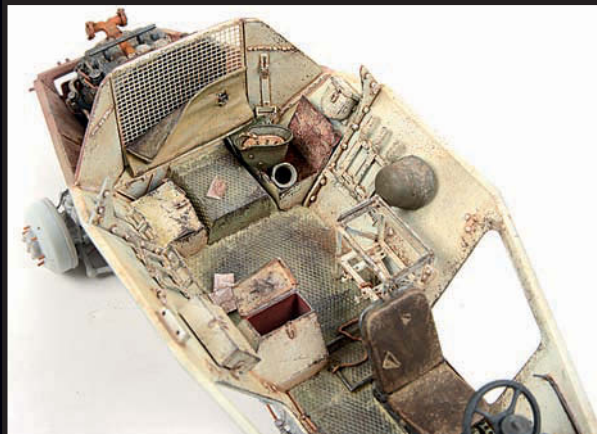
A convincing burnt finish and shattered glass on Andy Canning's Russian tractor and a future feature to look forward to on his subtly finished M51.



Great to see some hard-core scratchbuilding!
Andy Canning is really going to town on his Sherman based IDF mortar carrier



More fine finesse from Lester with his abandoned Sd.Kfz 221 recreating a favourite photograph from the 'Panzerwrecks' series.



A joint project built by Chris Meddings of Inside The Armour (including full scratchbuilt engine) and Sean McConnell who created the superb groundwork and derelict finish- to be featured in a forthcoming Churchill publication.

Chris's PUMA with scratchbuilt interior and lots of photoetch



T-72 model 1975



Sd.Kfz 263



Renowned small scale suprimo Alex Clark is a local lad and called in for a catch-up producing these 1:72 beauties from his pocket.



KMK scaleworld

Kempense Modelbouw Klub of Belgium must be one of the World's most active modelling clubs with their 'blue shirts' picking up awards all over Europe, the sixty plus members having a healthy bias towards armour subjects how could we refuse an invite to display at their annual show at Mol in Belgium? There's a lot packed into this one-day event with traders from all over Europe, demonstrations, competition room and club displays creating a busy buzz throughout the three halls all day with everything run by the club members (even the bar where the famous Belgian beer was flowing!) Our thanks to all the KMK guys for making us so welcome and for their enthusiasm in promoting our hobby. Here's a taster of the show with some of the competition entries that caught our eye.



Chris Jerrett from Canada and Chris Meddings from the UK meet up in Belgium to smell the resin...



Mark struggling to get to grips with Euros and Flemish!



If you couldn't find it at Scaleworld you weren't looking hard enough!



Robert Doepp's latest piece which we'll be featuring soon. His 'In Der Falle' vignette we ran a three-part series on took Best of Show



This 1:72 Great War scene showed some excellent detail for such a small scale.



Some very delicate effects on this King Tiger and great execution of the sheets.



One from our Open Day; Chris Meddings took a Bronze for his finished Shilka



OVER AND OUT
EGYPTIAN FIGHTER T34/100



A great looking winter camouflaged Norwegian Leopard



Sven Frisch took a Gold, his 'Grizzly Bear' met a grizzly end in this lovely piece of work



Spotted on the Pro Art Models stand



Ok, so it's not a tank, but I'm sure we can be excused when the finish is as good as this Mustang.



1:35 Rheinmetall 12.8 cm by Peter de Pourcq was superbly finished taking a deserved Gold.



1:16 scratchbuilt BT-7 certainly made its presence felt with what appeared to be 3D printed masters for the wheels mixing old-school plastic card work with modern technology.

In contrast a BT in 1:72, delicate work indeed with great finesse in the finishing.



Superb captured Tiger I complete with roadside white paint.



Is this what's meant by a 'factory finish'? Excellent effects.



We hope to see this SU-122 finished at next years show!





Delicate and colourful groundwork on this attractive diorama



Robert Doepp's Best of Show winner



Modern Russian subjects are more popular than ever, this one by Chris Jerrett



Short-tracked Tiger I makes for an impressive display (above) and the modern namesake in this excellent vignette (below)



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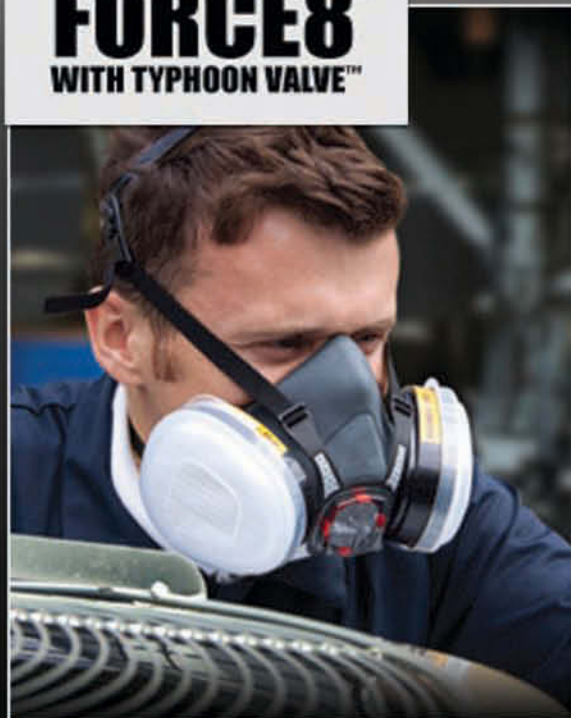
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