

# BLITZSCALES

MODELLING

MAGAZINE

March 2020

Two new  
gifts inside



Nahkampfskanone II Gustav

Gallery

Weathering with pigments.

Technique article



M3 Lee

Comrade Lee

1/35 scale

M3 Lee

1/35 scale

M3 Lee

ACHZARIT

IDF troop carrier

Panzerspähwagen 204



Sponsored by



vallejo





DW32001 - Ju EF-126 „Elli“ / EF-127 „Walli“



DW35001 - Faun L900 Hardtop



DW35005 - 2cm SMK18 Typ 2



DW35006 - Einheitsanhänger 5t



DW35013 - Panzer VI Ausf.B Tiger II sPzAbt.505



DW35014 - FMG 39 / FuSE 62 D „Würzburg“



DW35015 - German Kugelpanzer



DW35020 - Sd.Kfz.2 kleines Kettenkrad



Already available



DW35002 - Sd.Ah.115



DW35003 - Faun L900 with Sd.Ah.115



DW35004 - 3cm Flakvierling



DW35007 - Panzerkleinzerstörer „Rutscher“



DW35008 - Borgward IV „Wanze“



DW35009 - Panther A early (w/o interior)



DW35010 - Panther A early/mid (w/o interior)



DW35011 - Panther A late 2in1 (w/o interior)

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**DAS WERK**  
nifty kits for the modellers



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## Editorial

While I write these lines the COVID 19 is in everyone thoughts. I'm about to cover an important Spanish contest but I'm still not quite sure if this will be possible as many popular events are being cancelled all over the world due to safety policies.

In any case modelling can be something we can do at home, mostly if we're obligated to stay a few weeks inside. So maybe this issue will give you some kind of inspiration to put your hands again on that forgotten project and have some amusing hours.

This month we have some interesting models that have been released recently as the ICM WOT 6 truck, the Meng Achzarit or the amazing Miniart M3 Lee which has come to put a final word on the argument of which kit is the best one.

Some kits can be built in a weekend and others require more time but everyone knows that both can be equally satisfying. Just give an opportunity to all of them; even those old toy-like Matchbox 1/76 kits with which many of us got into this hobby can still have their appeal. By the way, we will see some of them soon in the magazine so if you feel like wearing a nostalgic smile for a moment don't miss the next Blitzscales.

Federico Collada

A handwritten signature in black ink, consisting of a large, stylized 'F' followed by a series of loops and a long horizontal stroke extending to the right.

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Labels

If you have purchased this model you can use these labels to show it, just print, cut and glue it on your base.

**M3 Lee**  
1/35 scale

**M3 Lee**  
1/35 scale

**M3 Lee**  
1/35 scale

**M3 Lee**  
1/35 scale



Page 62



# РОДИНА-МАТЬ ЗОВЕТ!



## ВОЕННАЯ ПРИСЯГА

Я, гражданин Союза Советских Социалистических Республик, вступая в ряды Рабоче-Крестьянской Красной Армии, принимаю присягу и торжественно клянусь быть честным, храбрым, дисциплинированным, бдительным бойцом, строго хранить военную и государственную тайну, беспрекословно выполнять все воинские уставы и приказы командиров и начальников.

Я клянусь добросовестно изучать военное дело, всемерно беречь военное и народное имущество и до последнего дыхания быть преданным своему Народу, своей Советской Родине и Рабоче-Крестьянскому Правительству.

Я всегда готов по приказу Рабоче-Крестьянского Правительства выступить на защиту моей Родины—Союза Советских Социалистических Республик и, как воин Рабоче-Крестьянской Красной Армии, я клянусь защищать ее мужественно, умело, с достоинством и честью, не щадя своей крови и самой жизни для достижения полной победы над врагами.

Если же по злому умыслу я нарушу эту мою торжественную присягу, то пусть меня постигнет суровая кара советского закона, всеобщая ненависть и презрение трудящихся.



# Cut & paste

- 1- Print the opposite page, resize if you need to fit your wood base
- 2- Varnish to protect the printing
- 3- Glue onto a wood base using white glue
- 4- Press softly with a sponge to eliminate any air bubbles





# Preview

Kit: 35655 FWD type B

Scale: 1/35

Materials: Plastic, decals.

**BLITZSCALES**  
MODELLING MAGAZINE

MODEL KIT No 35655

## FWD Type B

### WWI US Army Truck

**ICM**  
*Now in the Best*



**Plastic quality:** Very good

**Detail quality:** Very good

**Accuracy:** Very good

**Buildability:** Very good

**Complexity:** Medium

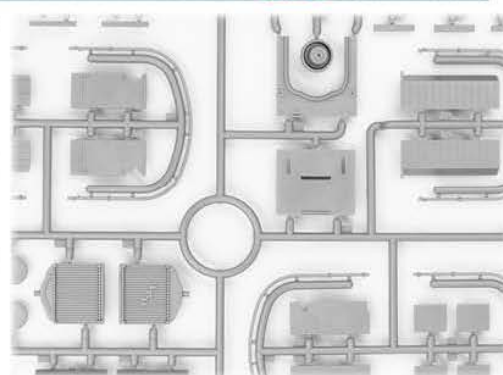
**Extras:** None

**Price:** Very good

The US Four Wheel drive auto company produced 14000 type B model 1917 trucks for the US army during the First World War. The truck was also supplied to the Russian and British armies.

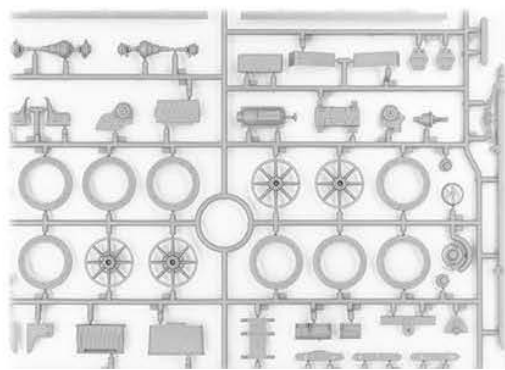
This new kit from ICM is highly welcome as it's the first time that is available in plastic. The

box includes four light grey plastic sprues, one transparent with the lights and decals for two vehicles.



As all ICM kits, this one is high quality yet simple to build so it's advisable for beginners and for any WWI or soft skins fan.

The truck includes the engine and options for a covered cargo bay.





# Preview

Kit: 1008 Pz.Kpfw.I Ausf.A

Scale: 1/16

Materials: Plastic, photoetched, decals.

## Pz.Kpfw.I Ausf.A



- ▲ HATCHES CAN BE BUILT IN OPEN OR CLOSED POSITION
- ▲ SUSPENSION AND ROAD WHEEL MOVABLE
- ▲ DETAILED STATIC DISPLAY PLASTIC MODEL
- ▲ PE & CLEAR PARTS INCLUDED
- ▲ 4 TYPES OF MARKINGS
- ▲ WORKABLE TRACKS



JASON 2019

**1/16**  
**No. 1008**

▲ THIS IS NOT A TOY  
▲ CEMENT AND PAINT NOT INCLUDED  
▲ MODEL MAY VARY FROM IMAGE ON BOX  
▲ READY TO ASSEMBLE PRECISION MODEL KIT  
▲ INTENDED FOR COLLECTORS OF AGE 14 YEARS AND ABOVE

**TREX**  
Designed by  
T-Rex Studio  
in China

**Plastic quality:** Very good

**Detail quality:** Good

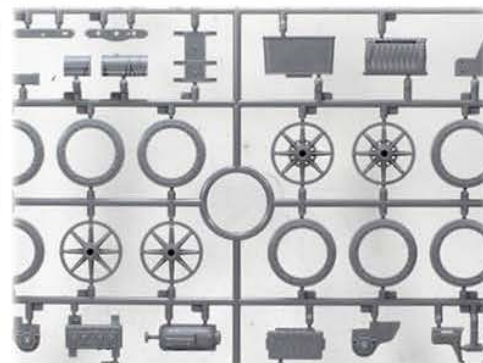
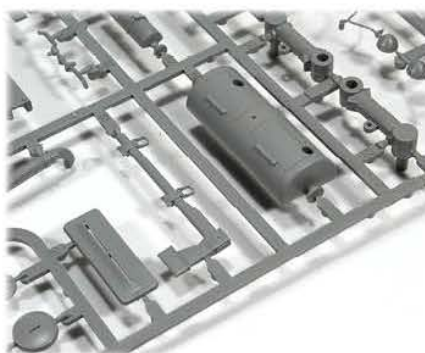
**Accuracy:** Good

**Buildability:** Very good

**Complexity:** Easy

**Extras:** None

**Price:** Very good



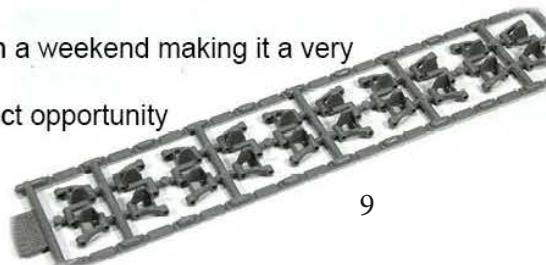
1/16  
scale

tanks seem to have a special charm for AFV modellers, mostly when the subject is a panzer. Unlike the trumpeter/Hobbyboss toy-like tigers and T34s this new kit from Takom is a true model to show proudly in any collection. Although some details have been simplified others are finely reproduced and the clever

engineering makes it affordable to even the less experienced modellers. The kit includes workable tracks and bogies so the tank can be adapted to uneven ground. The decals include markings for 4 different tanks, all of them German.

Building the kit is rather easy and amusing and it can be completed in a weekend making it a very enjoyable project.

Once finished the model looks really impressive and it can be a perfect opportunity to test your painting skills using all the tricks in the book.





# Preview

Kit: 24040 Benz patent-motorwagen 1886

Scale: 1/24

Materials: Plastic, photoetched.

**BLITZSCALES**  
MODELLING MAGAZINE

MODEL KIT No24040

## Benz Patent-Motorwagen 1886

**ICM**  
*Not in the Best*

**VERY  
NICE**



SCALE  
**1:24**

**Plastic quality:** Very good

**Detail quality:** very good

**Accuracy:** Good

**Buildability:** Very good

**Complexity:** Easy

**Extras:** None

**Price:** Very good

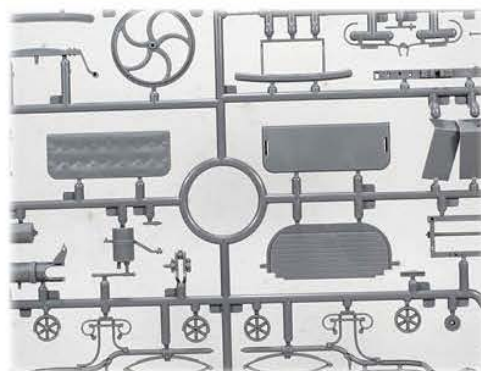
The patent-motorwagen was the first production car. Designed by Karl Benz, the motorwagen was meant to be propelled by an internal combustion engine. With 25 units produced between 1886 and 1893 the motorwagen was

the beginning of an invention that changed the world forever.

The new ICM kit 1/24 scale is a simple model made of light grey plastic and photoetched elements that will build into a beautiful model

of the motorwagen and includes a gorgeous cardboard sheet showing the original patent. The quality of the kit is very good and the wheels radius provided in photoetched metal can be adapted to position using a provided jig.

This can be a very good option for beginners who will not have any problem tackling the kit that will surely catch the attention of any car lover or model fan.





# Preview

**Kit: DS3510 WWI ANZAC desert patrol**

**Scale: 1/35**

**Materials: Plastic, decals.**

MODEL KIT N° DS3510

## WWI ANZAC Desert Patrol

**ICM**  
*Wets in the East*

**VERY  
NICE**



The set includes Model T LCP, Utility, Touring cars model kits

**SCALE  
1:35**

**Plastic quality:** Very good

**Detail quality:** very good

**Accuracy:** Good

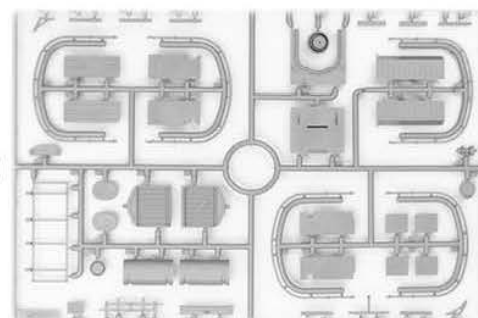
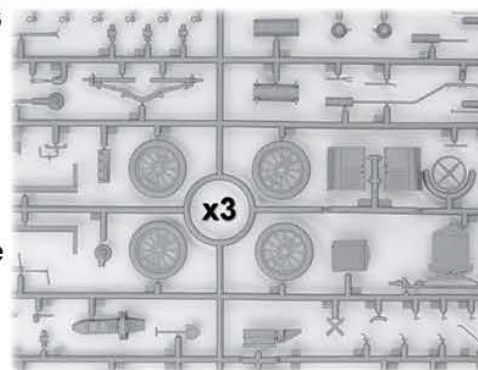
**Buildability:** Very good

**Complexity:** Easy

**Extras:** None

**Price:** Very good

ICM keeps releasing combos of the kits that they have in their catalogue. This time they're offering three versions of the Ford T that were used by the Australian army during the World War I in Egypt and Palestine by the desert patrol.



The box includes 3 cars; the Ford T LCP, the utility car and the touring car. All of them were previously released as separate kits and this time you can have them altogether for a very reduced price.

The kits are provided in a light grey plastic with clear parts for the windows. The decals included will allow you to choose between a few different cars, all of them belonging to the Australian army.

The kits are not difficult so any average or even novel modeller will be able to tackle them.

If you didn't get these elegant cars when they were released here is a perfect opportunity to add them to your collection.



# Preview

**Kit: 35901 Chernobyl#1**

**Scale: 1/35**

**Materials: Plastic, decals.**



## CHERNOBYL#1

**Radiation Monitoring Station**

**1/35. 35901**

**Plastic quality:** Very good

**Detail quality:** very good

**Accuracy:** Very good

**Buildability:** Very good

**Complexity:** Medium

**Extras:** Cardboard scenario

**Price:** Very good

This impressive set dedicated to the Chernobyl nuclear catastrophe is the first of a series and includes a ZIL 131 KShM truck, a set of five figures wearing protective masks, a radiation monitoring station and a cardboard folding scenario

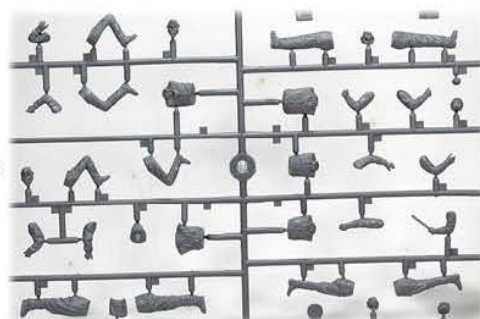
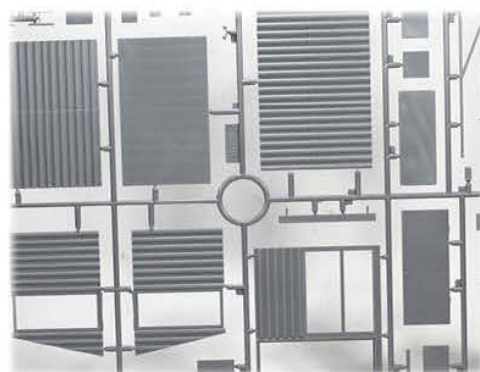
to display the whole set.

The ZIL truck has been previously released as a separate kit but the rest of the set is new.

The monitoring station is a simple construction, as the real thing and includes a few elements for the interior. The figures are typical of ICM with good expressions, finely detailed elements and natural poses.

All of the parts are supplied in a good quality light grey plastic plus the necessary clear ones for the windows, etc.

It's evident that the Chernobyl TV series restarted the interest of the public for this historical incident and modellers will surely welcome this new series of kits covering the disaster that "stopped" the world back in 1986.





February 2020



## Book Series by Vallejo

The new range of publications by Vallejo for hobby painting written in cooperation with highly regarded and renowned international modellers. The essence of the new series is to show both basic and advanced painting concepts, and to provide special tips and detailed step by step painting guides for both beginners and professionals.

The publications cover several themes of hobby painting, from historic to Fantasy and Sci-Fi. The Armoured Side is the collection specialized in AFV, Remove Before Flight is the series focused on aviation, Fifteen Knots is the collection for navy themes, Men at Arms portrays military figures and Quasar is all about Sci-Fi figures and vehicles.



Art. 75.017

## IDF Colors Armoured Side Book Series

by Özgür Güner and Ramón Segarra

This first book of the The Armoured Side collection offers a presentation of the different color schemes used by the IDF from the very beginning up to the present. Renowned modellers will take us through painting and weathering processes on deployed armored vehicle kits such as Sherman, Centurion, the M60 and the Merkavas.

Number of pages: 116

Format: A4

Language: English





# Preview

Kit: DW35020

Scale: 1/35

Materials: Plastic, decals.

**BLITZSCALES**  
MODELLING MAGAZINE

**Das Werk**

## Sd.Kfz.2 kleines Kettenkrad



- Highly detailed plastic kit
- Including engine & drivetrain
- Single track links
- Driver figure included
- 6 different marking options

**1/35**  
**DW 35020**

**Plastic quality:** Very good

**Detail quality:** very good

**Accuracy:** Very good

**Buildability:** Very good

**Complexity:** Medium

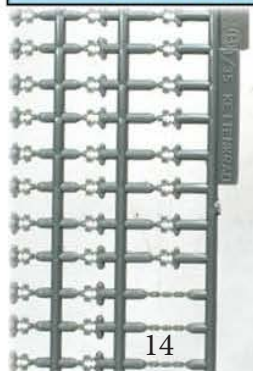
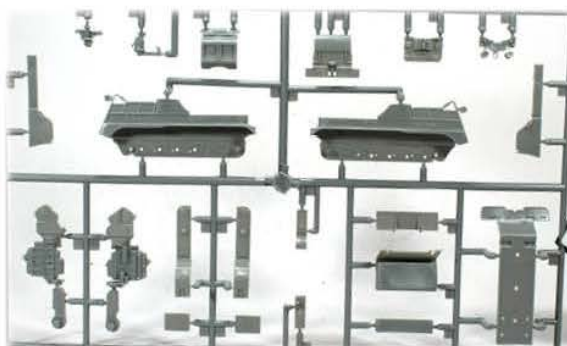
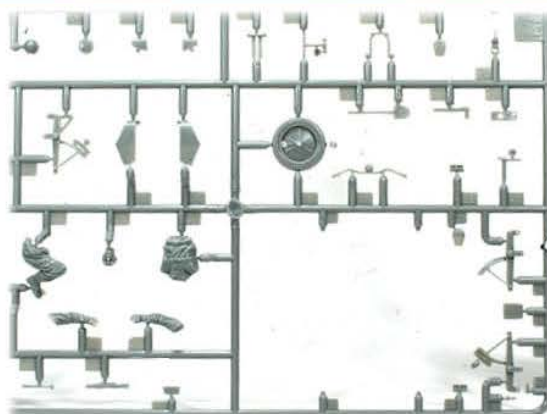
**Extras:** Driver figure

**Price:** Very good

Many years ago Dragon released this beautiful kit and for a long time it has been discontinued but now we can have it again by the hand of Das Werk who has included

new decals for the modeller to have some more decoration options. The kit is made in light grey god quality plastic and includes the engine and a driver figure. Although it's reduced size, this model is full of subtle details that will please the more demanding modellers.

Das Werk has announced some very interesting new kits for the next months so we should keep an eye at their website. [www.das-werk-models.com](http://www.das-werk-models.com)





# Preview

Kit: 8001 Jagdtiger early/late

Scale: 1/35

Materials: Plastic, decals.

**BLITZSCALES**  
MODELLING MAGAZINE

## JAGDTIGER Sd.Kfz.186 EARLY/LATE PRODUCTION 2IN1

- ▲ ALL HATCHES CAN BE BUILT IN OPEN OR CLOSED POSITION
- ▲ TRACK ASSEMBLY IS AIDED WITH THE USE OF A JIG
- ▲ DETAILED STATIC DISPLAY PLASTIC MODEL
- ▲ LINK&LENGTH STYLE TRACKS INCLUDED
- ▲ STYPES OF MARKINGS
- ▲ PE PARTS INCLUDED



TREX  
Designed by  
T. Rex Studio  
in China

- ▲ THIS IS NOT A TOY
- ▲ CEMENT AND PAINT NOT INCLUDED
- ▲ MODEL MAY VARY FROM IMAGE ON BOX
- ▲ READY TO ASSEMBLE PRECISION MODEL KIT
- ▲ INTENDED FOR COLLECTORS OF AGE 14 YEARS AND ABOVE

1/35  
No.8001

**Plastic quality:** Very good

**Detail quality:** very good

**Accuracy:** Very good

**Buildability:** Very good

**Complexity:** Medium

**Extras:** None

**Price:** Very good

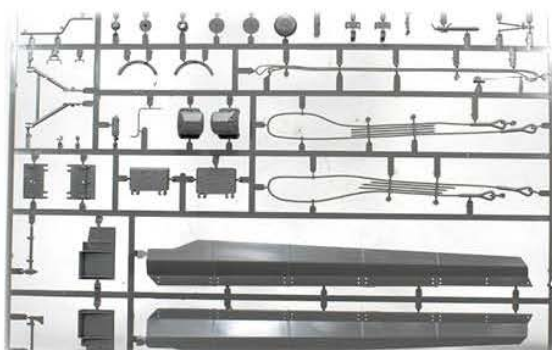
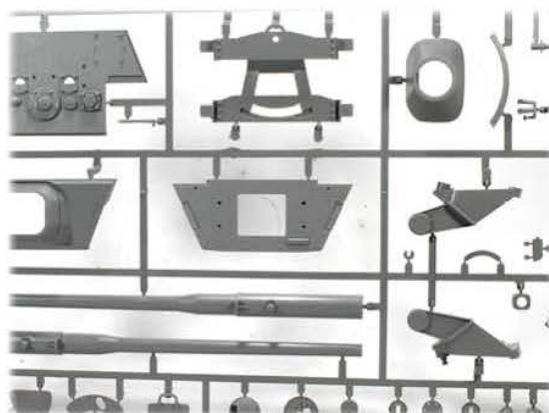
The Jagdtiger was a massive German tank hunter of WWII based on the King Tiger tank. Modellers have always felt fascinated with this heavy monster and model companies have

offered it for decades in 1/35 scale.

Takom has come to offer a newly tooled model kit typical of this era with finely designed parts, length and link tracks, photo etched elements and markings for five vehicles. The optional parts will allow you to choose between an early

or late production Jagdtiger.

As all Takom kits, this one has been engineered thinking in the average modellers to make it an amusing project trouble free so any axis fan can easily tackle it.





# Achzarit

**Scale; 1/35**

**Model kit; Meng**

**Accessories; FCModeltrend**



The IDF has always been famous for making the most of the available armoured vehicles in their stocks, mostly those of captured origin. Along many decades of conflicts and operations the IDF had captured hundreds of T54/T55 from their enemies and put them into service upgraded to the Tiran models.

In the early 80s the IDF required a heavy armoured APC to operate with the Merkava 1 and 2 tanks. As the Merkava was too necessary in the army and their hulls couldn't be spared for this project the Israel army decided to make use again of the available older tanks to transform them into APCs. While the Centurion hulls were used to create the Nagmashot and later Nagmachon APC, the T54/T55 hulls served as a base for the Achzarit.

The Achzarit can carry 7 troops and the 3 men crew that can fire the three 7,62 mm machine guns on the roof through the many hatches and operate the remote control station MG too.

The troops can access and descend from the vehicle through a rear access door that runs aside the replaced engine that leaves space enough for this safe way.

The Achzarit entered service in 1988 and since then it has been upgraded with the latest technology to meet the evolving battleground.



1 The inside of the roof with some details, all of them simplified for a more comfortable building adequate for the novel modellers.

## The kit

A few months ago the only option if we wanted to build a 1/35 scale Achzarit was the Legend resin cast kit, a hard to build model full of warped and over scaled parts that hardly fit together, not advisable at all for non experienced modellers. But all of a sudden both Meng and Hobbyboss companies released their own versions of this APC in plastic for the IDF fan modellers delight.

I got the Meng Achzarit a few months ago and started building it immediately to take measures of various parts to design some upgrades for it. When you open the box you can immediately see that the kit it's designed to be tackled by the less experienced modellers; although it includes the interior of the combat chamber, the parts are simplified and details are many times over scaled. The machine guns are moulded together with their supporting arms so they're forced in a "straight" position, making them turn in horizontal 360° is a question of very simple surgery but letting them balance in the vertical axis is a more complex task that would certainly need some aftermarket aid. I haven't seen the Hobbyboss kit myself but I know that at least they provide articulated mounts for the MGs so it may be a better option.



2 The crew and troop compartment is also roughly detailed so if you really want to upgrade this zone you will certainly need some PE and scratch work.



3 I decided not to show the interior as little of it would be seen through the open hatches so I just primed it white and disregarded any further work.



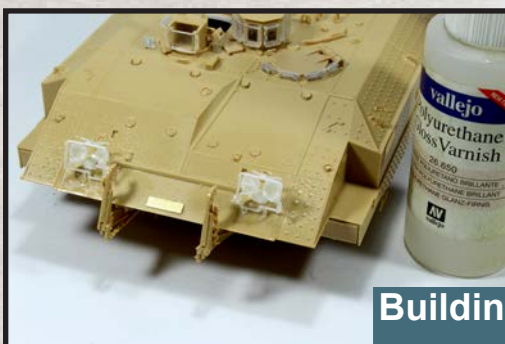




4 The hull is closed and showing the many periscopes, hatches, antennas and MG stations. The more subtle details are engraved over the hull main part making them look a little flat.



5 The 3d printed lights are provided in a translucent resin that can be turned transparent when varnished gloss. First we glue them over the hull.



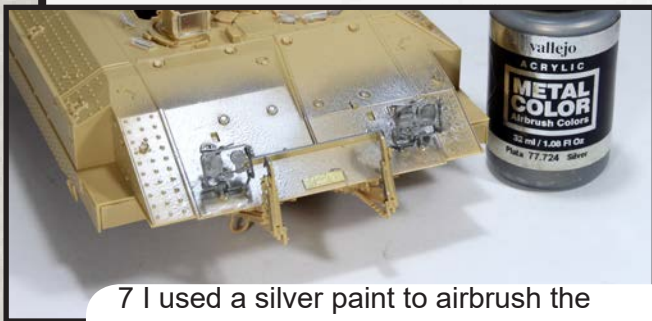
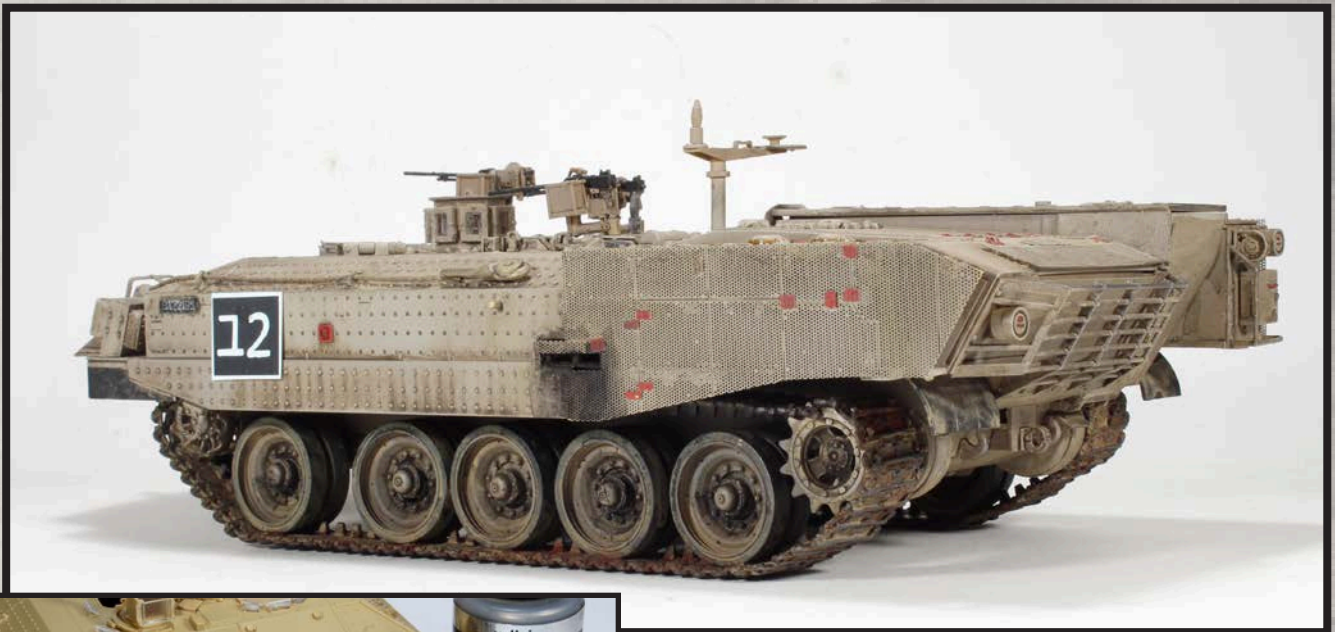
6 Next we varnish them using the airbrush at a low pressure and ensuring we cover the front glass perfectly. I used the Vallejo polyurethane gloss diluted with 25% thinner.



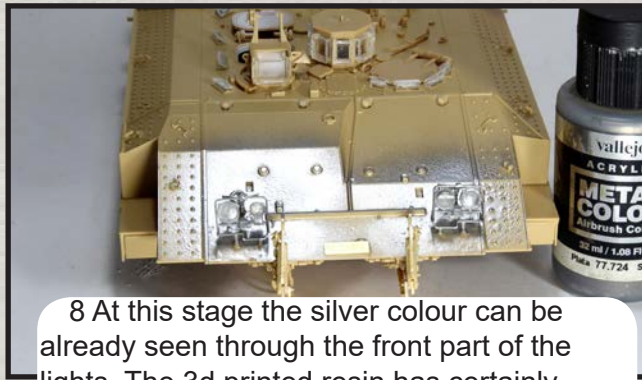
## Building and painting

Being designed as the typical Tamiya kits, this Achzarit can be built in a very short time and if you decide (like I did) not to show the interior, you can finish the project in a couple of weekends. Obviously if you decide to upgrade the kit with the available after market products the task can get as much time as you want. In my case I just added the front lights I designed myself, much finer and detailed than the kit ones. Other parts I designed were still waiting for production (mgs, tow cables) so I didn't include them. The painting process was quite standard and included some shading, moistening, dusting, etc. Let's have a look at the process through the step by step photographs.





7 I used a silver paint to airbrush the backside of the lights imitating the reflective inner side of the lamps.



8 At this stage the silver colour can be already seen through the front part of the lights. The 3d printed resin has certainly turned transparent.



9 The Vallejo 74614 IDF Sand grey primer is a perfect start for the painting process. I airbrushed it in several diluted layers for a smooth coverage



10 I masked the front lights glasses with a blue tack button to avoid covering them with the sand colour primer and successive weathering.







11 I prepared a lightening filter mixing the base colour with 50% 7119 White grey and airbrushed it diluted at 80% at the centre of the main surfaces.



12 A second filter adding some 73613 Desert tan to the previous mix and diluted at 90% helped me to imitate the warm zenithal illumination airbrushing it from above at a 30cm distance. This second filter also enhanced the details lightening their superior surface.



13 I airbrushed gloss again to prepare the surface for the decals placing. A smooth gloss finish is always better for the decals adherence.



14 In this stage I added the wheels and the previously painted tracks. Once placed I applied a wash to the tracks using the Vallejo 73821 special rust effect paint. This paint provides a very convincing texture and it can be diluted with water.







15 One of the best features of the acrylic paints is that you don't need to mask the transparent parts if you don't want to paint them. The dry paint can easily be removed rubbing with a toothpick end. This way I "cleaned" the periscopes lenses in a few minutes.



16 I used the metallic pigment to replicate the polished metal at the edges and exposed to constant friction zones. I rubbed this pigment using a cotton swab and my own fingertip.



17 The black pigment let me create a stain of smoke at the exhaust, I applied it mixed with a little water and then blurred the edges of the stain with a clean dry brush.



18 There are many fuel, oil, etc effect paints that you can use directly or diluted to imitate the stains. I like to add some subtle stains speckling them diluted over the hull to imitate older stains that have partially faded with the time.



19 The kit provides both decals and PE to make the side panels with the vehicle marking, I found that is easier to cut the decals with its paper support and varnish them and then using them as the panel.





**FC\*MODEL\*TREND**

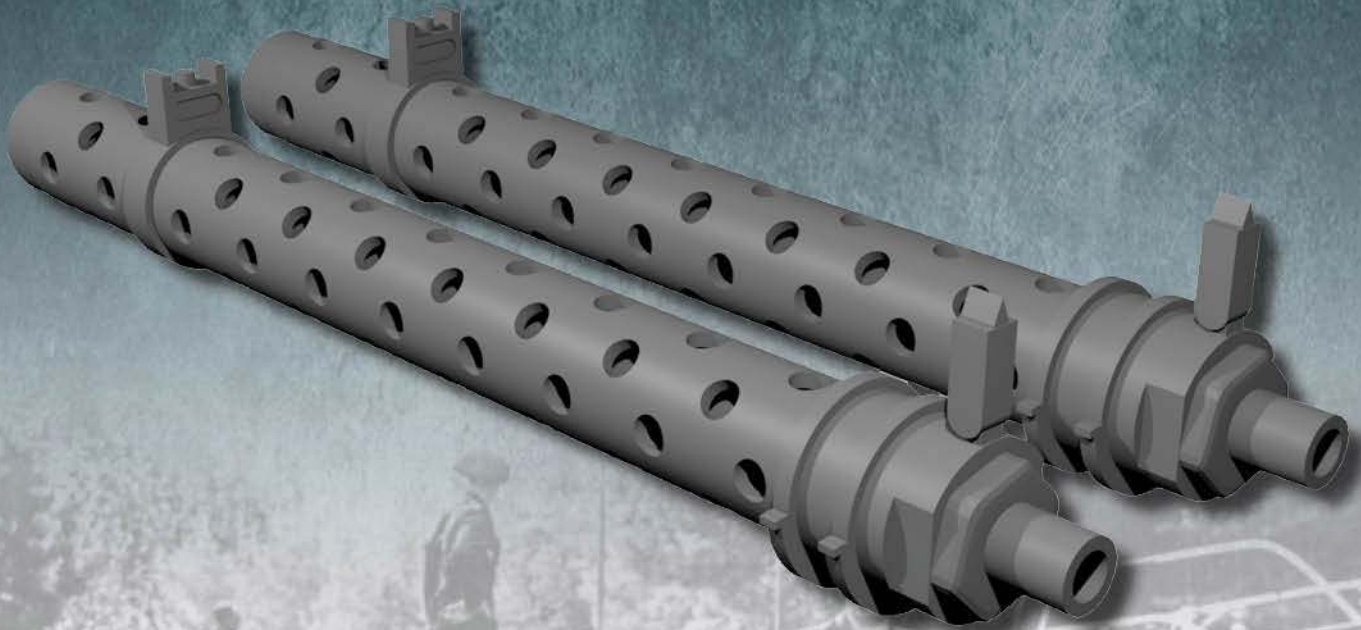
Exclusive modelling accesories

**16407**

**MG-13 for Panzer I**

**With hollow barrel jacket**

**1/16 scale**



**3d printed for the Takom kits**



# 16406

## Panzer I wheels

### 1/16 scale



- Correct trapezoidal rubber band shape
- Rubber band producer and code marks
- Henschel cast logo
- Serial production number at the wheel arm
- Accept the plastic kit outer rim

Resin cast 1/16 scale for the Takom kits  
Special thanks to Javier Sanz Sánchez for the assistance





# Nahkampfkanone II

Gustav

**WALKAROUND**





















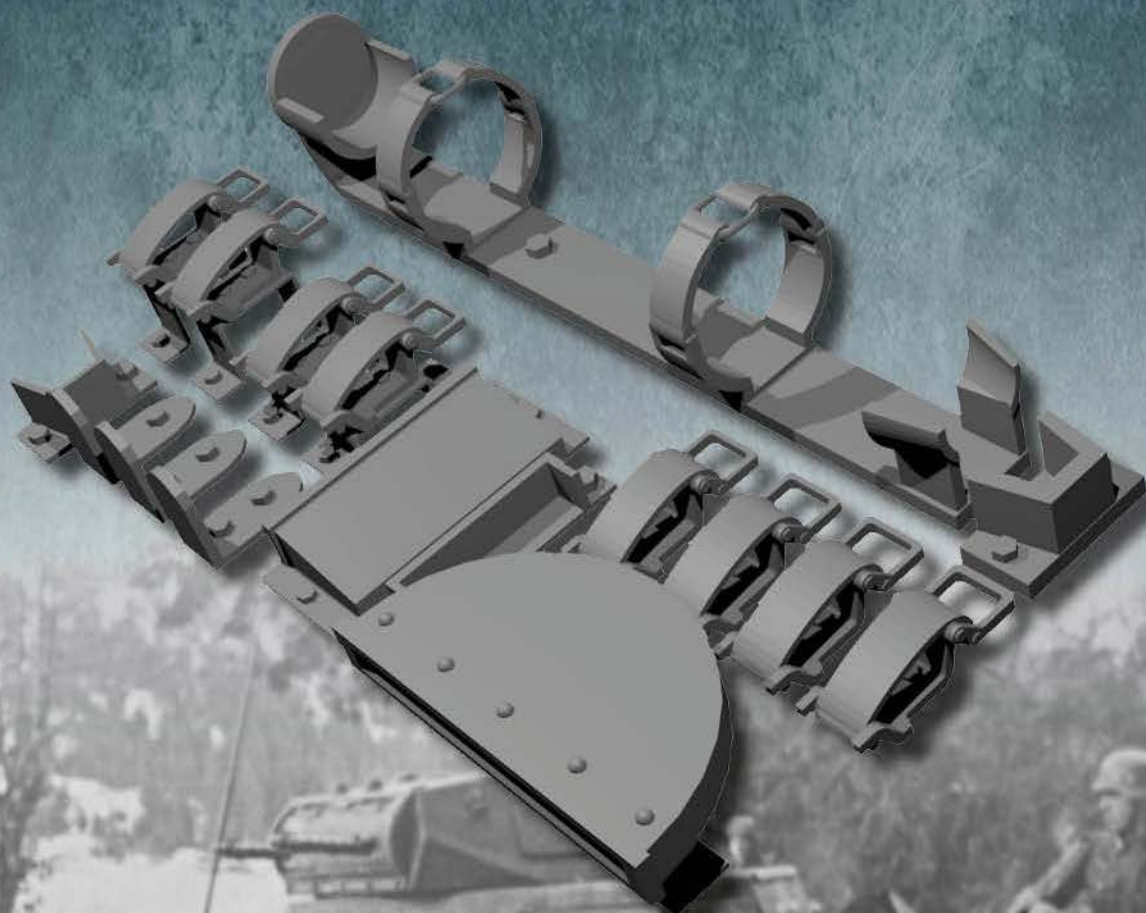




# 16409

## Panzer I Ausf.A clamps

### 1/16 scale



**3d printed 1/16 scale for the Takom kit**



# 16411

## Munitionspanzer I sdkfz 111

### 1/16 scale

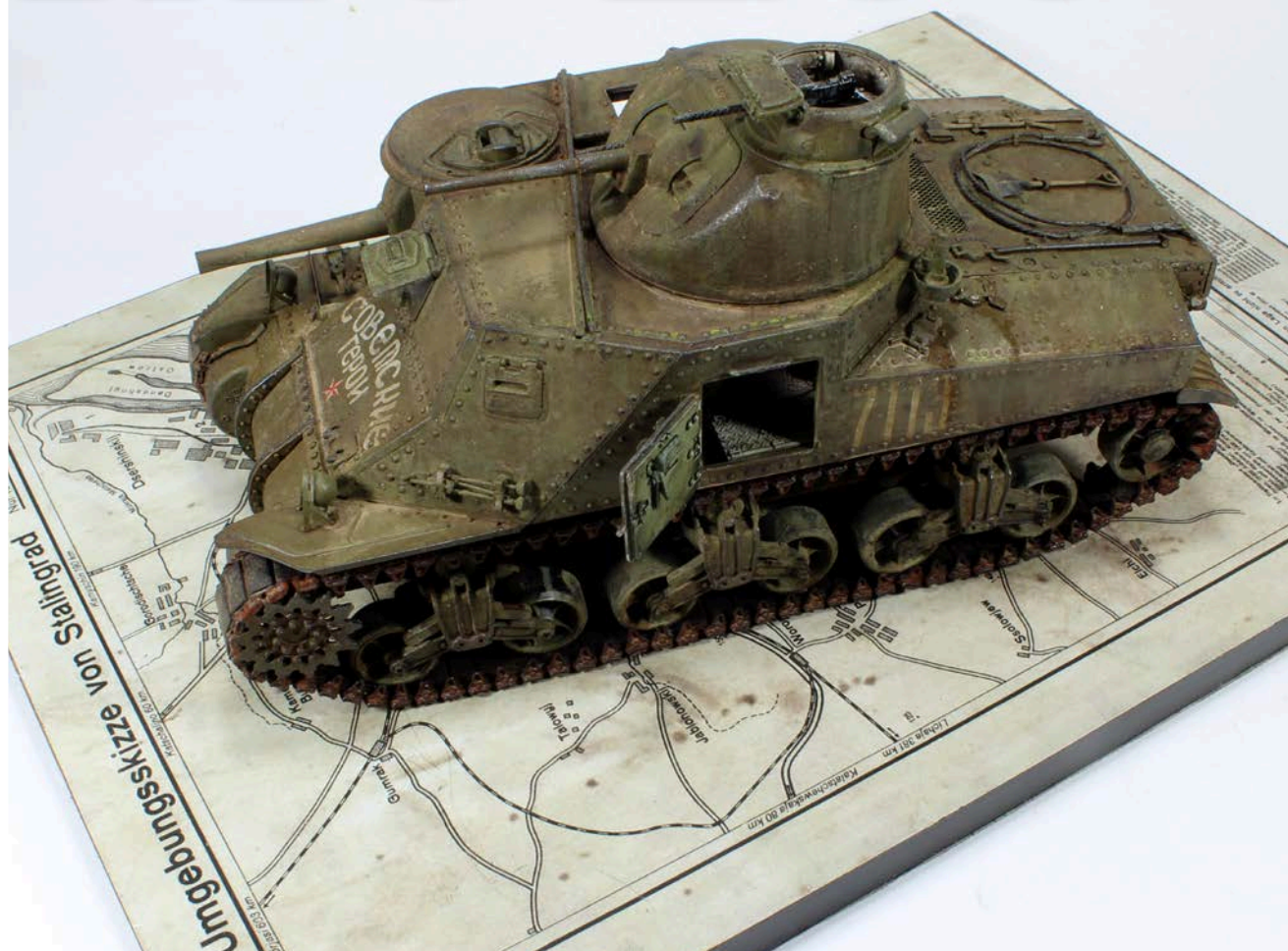


Resin cast and 3d printed parts for the Takom kit 1/16 scale



Scale; 1/35  
Kit: Miniart

# M3 Lee



The history of the M3 Lee is well known by modellers, developed as an interim until the M4 Sherman could be ready for mass production it was too high, had riveted hull and the main gun was mounted on a sponson that allowed little movement. In spite of these drawbacks it was more powerful than its German counterparts until the Panzer IV F2 entered service, more or less at the same time as the M4 Sherman did. Once the Sherman could be supplied, the Lee was retired from service and the hull used as a base for some special vehicles like the M7 priest, the M31 recovery or the CDL. The M3 Lee was supplied to the Commonwealth armies in it two configurations Lee/Grant and nearly 1000 tanks were provided to the Soviet Union under Lend-Lease between 1941 and 1943.

When the British deployed their M3 for the first time in Africa in 1942 they could finally have an advantage over their adversary tanks, the M3 75mm gun could penetrate the panzers at a superior range and they also fired high explosive rounds of which the British tanks lacked. The Italian tanks were no match for the M3 and only the few semoventes could destroy them using HEAT rounds.

The Soviets used the M3 Lees received between 1941 and 1943 until they could be replaced by the far superior T34. Since then they were relegated to a second line.



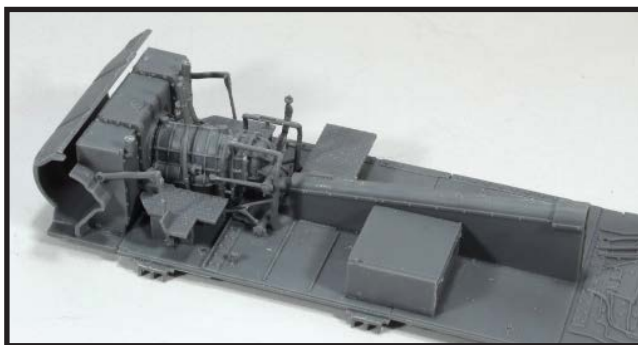
## The definitive M3 Lee kit

For decades we have always had a plastic kit of both M3 Lee and Grant 1/35 scale; Tamiya, Airfix and Monogram provided the first kits back in the seventies until Academy came with their millennial kits correcting some of the previous kits errors, but not all of them. A few months ago, Takom released a bunch of Lees and Grant providing the best kits up to the date. Back in the 2019 catalogue, Miniart announced that they were to release their own kits of both tanks in its varied versions including full interior. Knowing what they had done with the T54/55 and T60 series every modeller stopped breathing waiting for these to hit the stores. We had to wait for a year but they're finally between us and they have been worth the waiting.

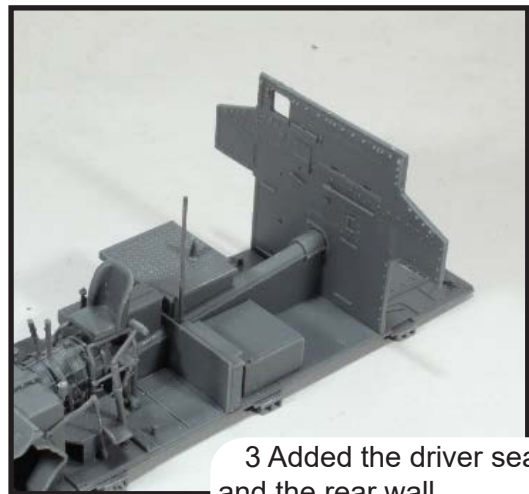
This M3 Lee kit is simply astonishing! Everything you could expect is in the box. Extremely detailed full interior, engine, workable tracks and suspension, raised foundry and wheels rubber bands marks, photoetched parts, separate tool clamps, clear parts for the periscopes, lenses, etc. and decals with markings for 8 tanks! The counterpart is that the kit is not adequate for the non experienced modellers and it can turn into a long term project due to the many parts involved.



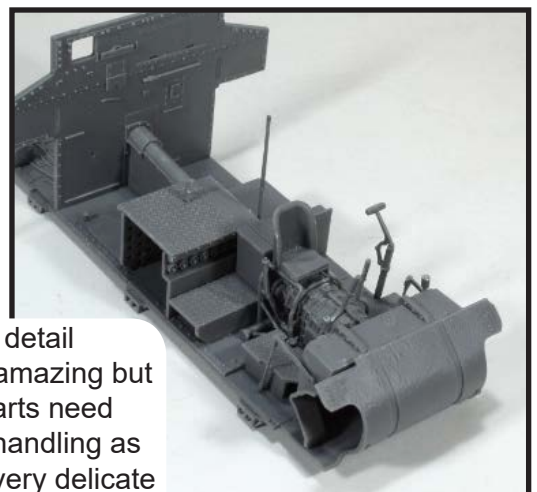
1 The construction begins with the transmission elements, we can see the subtle parts right from the start.



2 Slowly the interior will be completed adding the many components and soon we should consider start painting.



3 Added the driver seat and the rear wall.



4 The detail level is amazing but some parts need careful handling as they're very delicate and fragile.





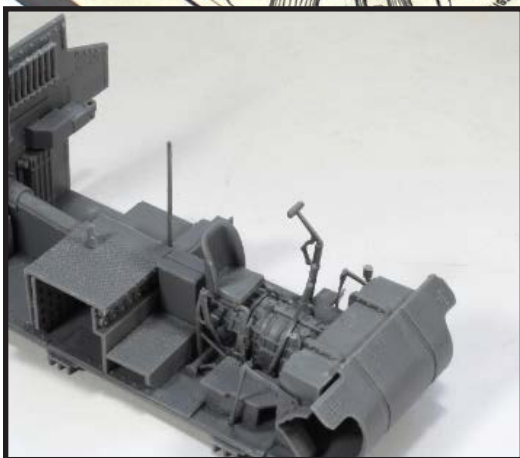
Get set, go!

Having a look at the cramped box you immediately realize that the building of the kit will take a long time. I worked on the kit simultaneously with other projects both to fill the magazine and to design some parts for the FCModeltrend catalogue. While working on the M3 I started and finished another 7 kits!

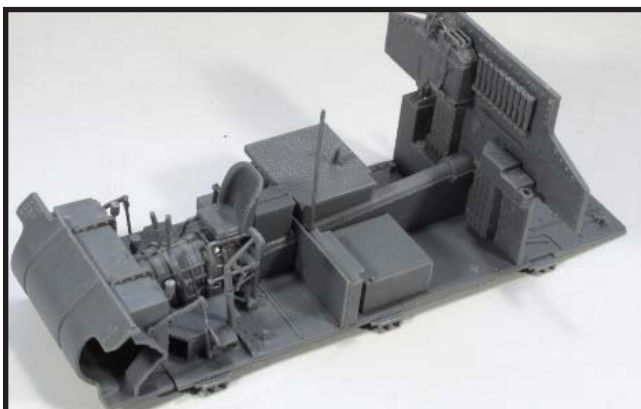
I followed the instructions all the time stopping to paint whenever I thought it would be more difficult if I kept adding parts and closing zones.

Painting the interior was a slow job as I had to paint separately many parts groups before going on, and many times I had even to make the weathering by zones. I wanted to leave as many hatches open as possible so I painted all the details and provided a contrasted weathering with shadowing, chipped paint and dirt in the hope that it could be later seen through the open doors. In the end very little of this work would be seen but at least I got the pictures I made through the process.

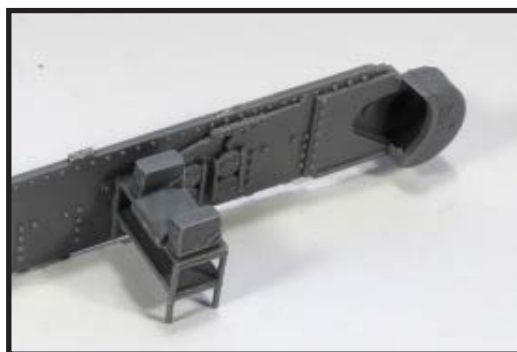
One of the most exciting parts of the process was building and painting the engine, this is



5 More and more parts are added to the tank floor. Some ammunition racks doors can be placed closed or open. You decide but they will not be seen once you close the tank.



6 The engine first parts build the main block and the aspect is really good so far.



7 Some other parts are to be glued to the hull sides before joining them to the floor. Once you add them all it will be a good point to start painting.



the first time that we have a Continental Wright R-975 Whirlwind in plastic and with this level of detail it's a kit in its own. In fact I think that Miniart have released it separately for anyone who wish to add it to another model kit.

The decals sheet includes many options but there was one that caught my eye while checking them for the first time, it was the Soviet tank from the 192 tank brigade, 61st army. So I started painting the model with this marking in mind.

I used the Vallejo Olive drab primer as a base but decided to make a change in my usual painting protocol, this time I disregarded the lightening part of the painting. I wanted to see how the model would look without the color modulation.

I stepped directly to the staining part in which I speckle lots of acrylic washes with a tooth brush to create a randomly stained look.

After that I varnished gloss and placed the decals with the aid of the adequate products. Once the decals were perfectly adhered and adapted to the bolted surface I protected them with a layer of matt varnish.

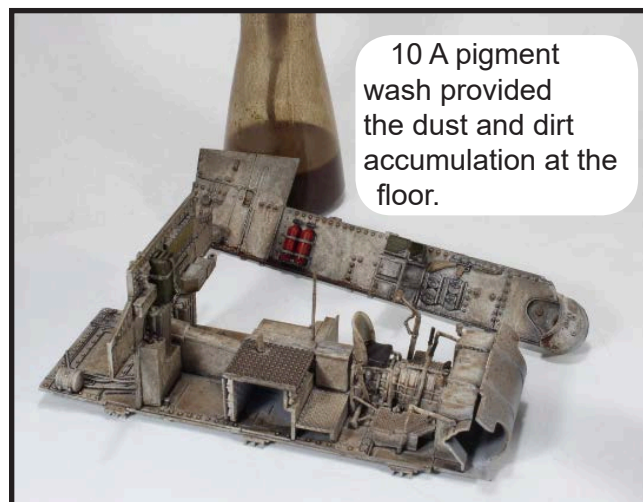
For the first dirt accumulation I used a home



8 The engine block is now ready showing the pipes net. A very impressive look that will be enhanced later on with the painting.



9 before going on I primed the interior with white and applied some acrylic washes to stain the base and make it look a bit dirty.



10 A pigment wash provided the dust and dirt accumulation at the floor.





made wash that I have always prepared; a mix of various earth tones enamels diluted in much turpentine. I applied this wash with a big brush and let it dry. After that I painted some chipping using a dark brown paint sponging at the exposed to friction zones trying not to exaggerate the effect.

The next step was to paint the rusted parts using the Vallejo special effect paint for this task; this special product contains micro particles that make it look rough just like rusted metal.

After applying a pigments wash using a little mechanical sprayer I used the special fuel and oil paints to create some stains over the engine deck and waited for some hours for everything to be perfectly settled.

The last touch was rubbing the edges and zones of constant friction with a metallic pigment using both a cotton swab and my fingertip.

The display base is a piece of wood covered with a printed adhesive base showing a German map of the Stalingrad zone.

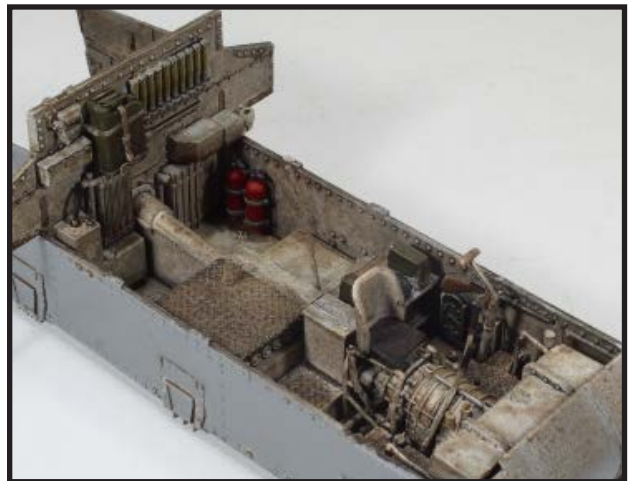
13 With everything painted and weathered I proceeded to join the hull floor and side walls.



11 I painted the details using acrylic colours by hand with a fine pointed brush.



12 Another pigment wash, this time mixing an earth tone and thinner; this medium lets the pigment precipitate better than water.

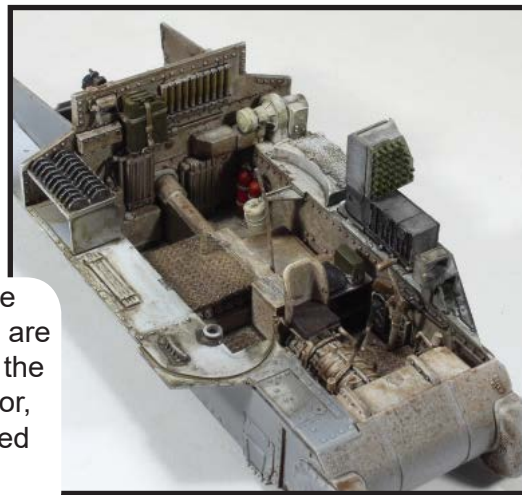


14 With this kind of model kits is always a good idea to make many pictures of the painting process to have them for the future, once closed you won't be able to see most of the interior.

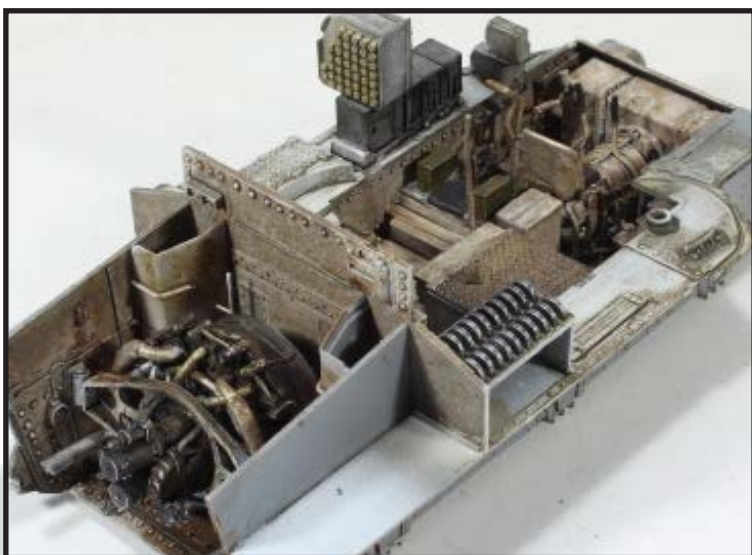




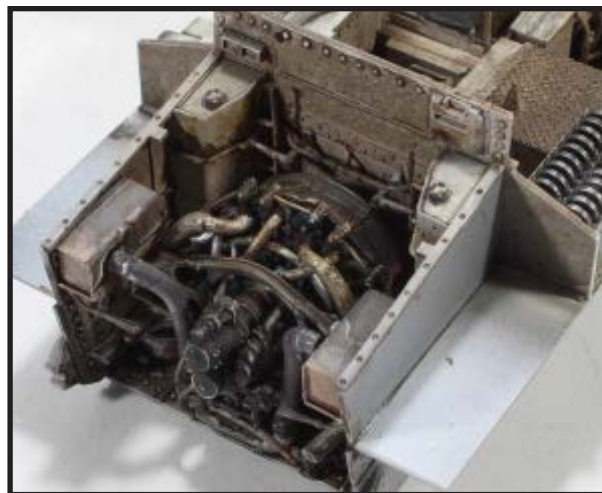
15 The engine compartment will be crampy after placing it but anyway is a good place to practice some weathering.



17 More elements are added to the hull interior, now placed over the sides.



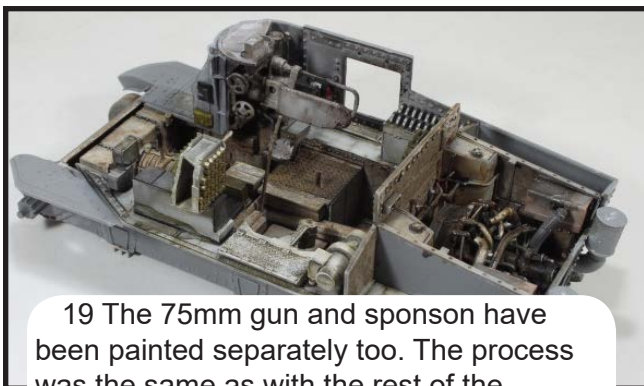
16 The engine has been painted separately before placing it on the tank.



18 The engine and compartment have been weathered with many washes, filters and pigments to create a dirty and oily look.







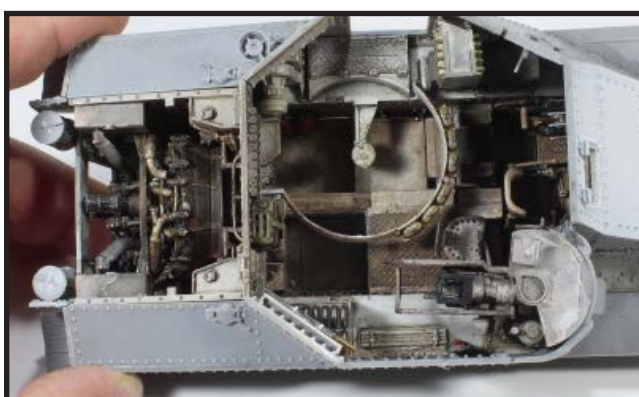
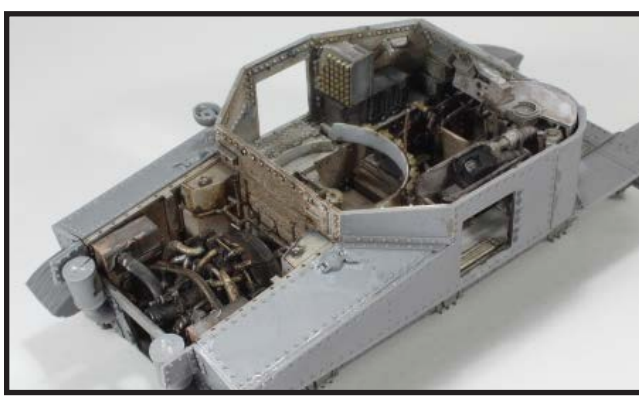
19 The 75mm gun and sponson have been painted separately too. The process was the same as with the rest of the interior.



22 I tested the roof fixing before gluing the rest of the hull sides and back plates.



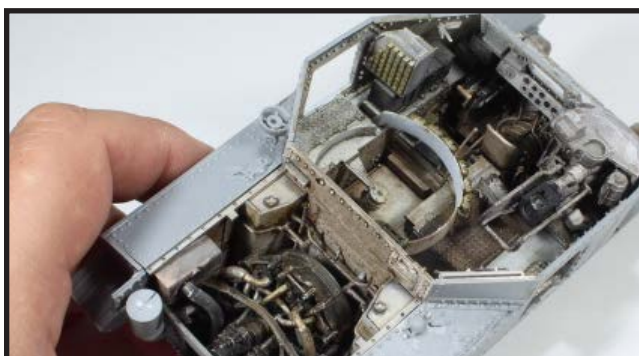
20 The hull left wall and the sponson are placed, I left the door aside to paint it separately too.



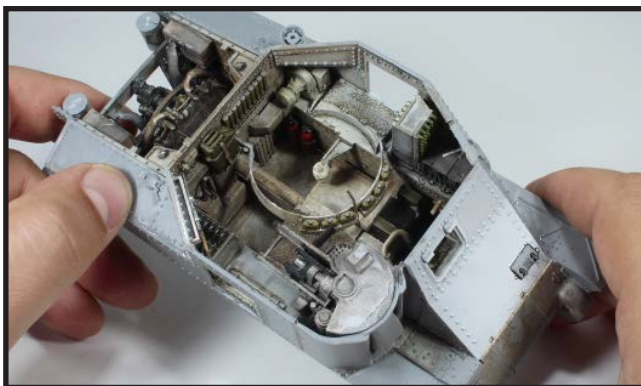
23 When taking a look at the interior we can imagine how the crew should have lived inside this reduced space. Sometimes I think I should add the crew figures to give a better idea of the space they had to share with their comrades. Unfortunately I'm not a figure painter and I always give up before start.



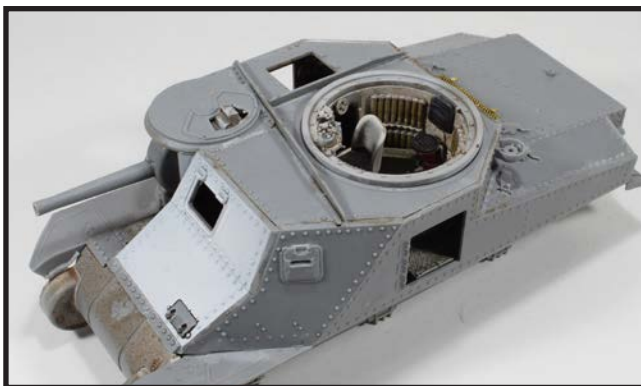
21 The right wall and front glacis are now placed closing the combat chamber, only the roof is left.







24 The main gun can move inside the sponson but I preferred fixing it, I don't care much about movable parts.



28 The hull is now closed and the main gun placed, the turret basket fits smoothly.



25 I built and painted the turret basket the same way as the rest of the interior; a white primer base and then a subtle weathering and details painted by hand.



29 The engine compartment cover with the air intake grill is also placed as are all the fuel intake covers.



26 The turret basket is not as complex as the hull interior and soon it was ready to fix it to the turret.



30 In these pictures we can start appreciating how much of the interior will be seen through the open hatches; not too much, and if we can observe anything clearly will depend pretty much on the illumination.



27 This is the part of the basket that will be seen through the hull side door.



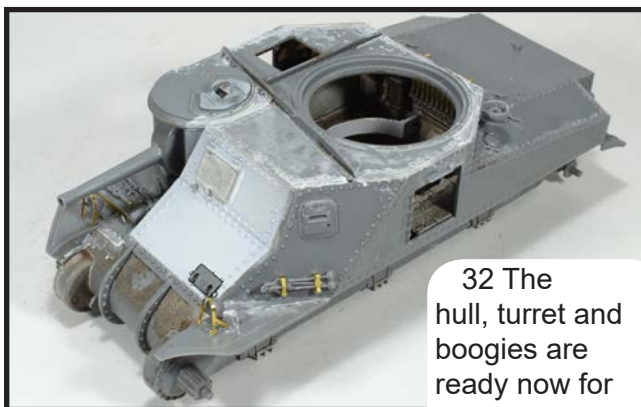




31 The idler wheels have a photoetched rim on both sides that have to be placed carefully to avoid bending them. I placed them over the wheel and secured them with a varnish drop.



35 The key with this technique is not letting the washes dry while speckling the next one. this way they can melt randomly creating a stained look.



32 The hull, turret and bogies are ready now for painting.



36 Once dry the effect is subtle but provides an interesting variety in the base colour.



33 This time I decided not to highlight the model so I just airbrushed the OD primer as a base.



37 Before going on I airbrushed a layer of gloss to prepare the model for the decals plating.



34 I speckled many washes over the surface previously wetted with thinner.



38 The aid of the decal softener is crucial for them to adapt to the riveted surface.





39 The tank I choose to depict wore some large numbers at the sides and back.



40 And the garish slogan marking at the front. This one made me took the decision. Up to now all the Lees I built were painted in US markings so it was time for a "comrade" one.



41 With all the decals ready I protected the job with a layer of flat varnish.

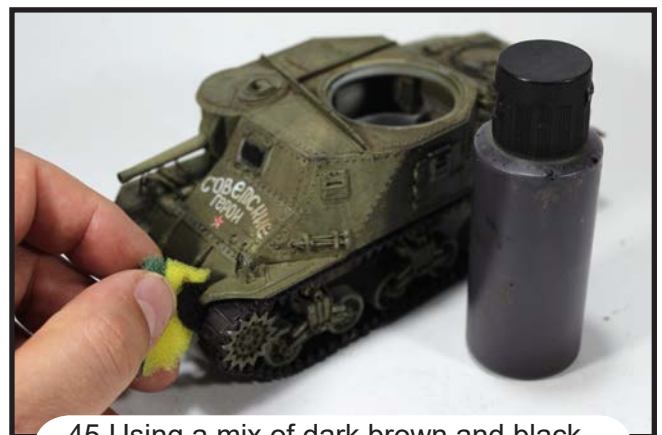


42 The home made enamel wash provided the first dirt accumulation around the details and recessed zones.

43 The turret has some beautiful details too, both in the interior and outside. The 37mm gun and machine guns can move on their axis.



44 The commander's cupola has small vision slots on both sides that you can leave open. They have delicate detail inside provided in PE.



45 Using a mix of dark brown and black colours I sponged the surface to create some chipping on the base colour.



46 I used the Vallejo rust effect paint at the tracks connectors and exhausts.





47 The rust effect paint provides not only the right colour but also a very convincing texture.



48 I prepared a mix of rust colour wash and pigment to add some variety to the tracks metal parts.



49 The tracks, wheels and lower part of the hull received some washes and pigments for a first dust coverage.



50 A pigments wash was then poured all over the model insisting on the lower part of the hull. boodies. etc.





51 One of the last effects was creating fuel and oil stains. For this task I used the Vallejo special paints, sometimes used directly from the can and others diluted with water to imitate older and faded stains.



52 As a final touch I rubbed metallic pigment to imitate the polished metal at the edges and exposed to constant friction parts.

### Conclusion

Although the Miniart kits can be intimidating sometimes due to the large amount of parts involved and the delicateness of many of them; they're certainly the best option when it comes to detail. Building a kit like this one is a complete experience and is when you step up a level.



53 The display base is a piece of wood covered with a printed adhesive sheet showing a German map of the Stalingrad zone.





**FC★MODEL★TREND**

Exclusive modelling accessories

**16412**

**Panzer I Ausf.A rear grilles**

**1/16 scale**



**3d printed 1/16 scale for the Takom kit**



# 16414

## T34 family engine grille

- No flat surface, real tubular mesh.
- Shaped to place over the T34 engine deck.
- No preparation needed, just glue and paint.



3d printed for the Trumpeter kit 1/16 scale



**By Chema  
Cabrero**



# **Weathering with pigments**

Here is an easy step by step process for achieving a real look of dry mud and dust on a truck, using Vallejo Pigments and Vallejo Thinner to fix them.

There are many ways to try to get our models a dusty look and sometimes is not easy for modelers deciding what technique will suit best for their project.

The famous master modeler from Acrylicos Vallejo shows us some easy tricks using one of the most basic elements in any artist arsenal, the pigments. One of the main advantages of this technique is that you can undo all the work if you're not satisfied with the result and start again.

Pigments are not really fixed but "firmly" deposited so you can wash away any part with a brush and water.





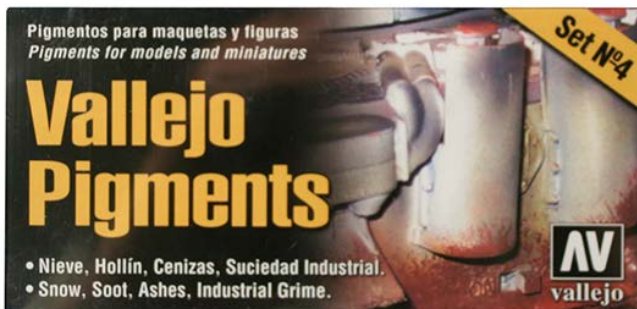
1. - If you love a realistic finish on a model, you need to work with a good base for a start; in this case the truck was painted using Model Air references and some Vallejo Washes.







2.-Some chipping effects can be depicted using 71.042 Dark Brown Camo, applied with a brush and sponge.







3.-With Dark Rust 76.507 we can show subtle streaking traces of rust, produced on the bare metal.



4. - In some places rust may accumulate due to humidity and rain.



5.-Now we can add the effect of dust dragged by rain over the roof of the vehicle, using the reference Model Air Sand 71.244 and blending it over the model surface with a brush using Vallejo Thinner.







**6.-We can repeat the process around edges and recessed lines of the model.**

**7.-The final result must be balanced and with the effect of dust placed in logical places.**







Pigments used for dusting is the most natural and close to reality technique as it provides not only the necessary color but also the texture. Although there are specially designed benders to fix them sometimes a drop of thinner will be enough to settle them secured in place







8. - We must avoid too much symmetry when applying these effects; this would be unreal, as you can see by observing actual objects as reference.



9.-Before starting with the pigment process, we can add a previous coat of dust using several Model Air references, Loam beige 71.245, Sand 71.244 and Brown grey 71.248.







10. - If we use several tones, we will add a chromatic interest by the variety of shades.



11. - For the same reason, we will use several references of Vallejo pigments in the next process of weathering, using Thinner 71161 as a fixer.



12. - Previously we moistened the zones of the model where we want to represent the dry accumulated mud, especially on the wheels and the bottom part of the cargo bed.

13. - Using a flat brush we precede to deposit the pigment directly on the model, the excess can be removed using a hard fiber stiff brush.



14.-The process can be repeated by using several references, or even mixing them, until the result seems satisfactory.



## 24401

Jeep slats grille  
1/24 scale

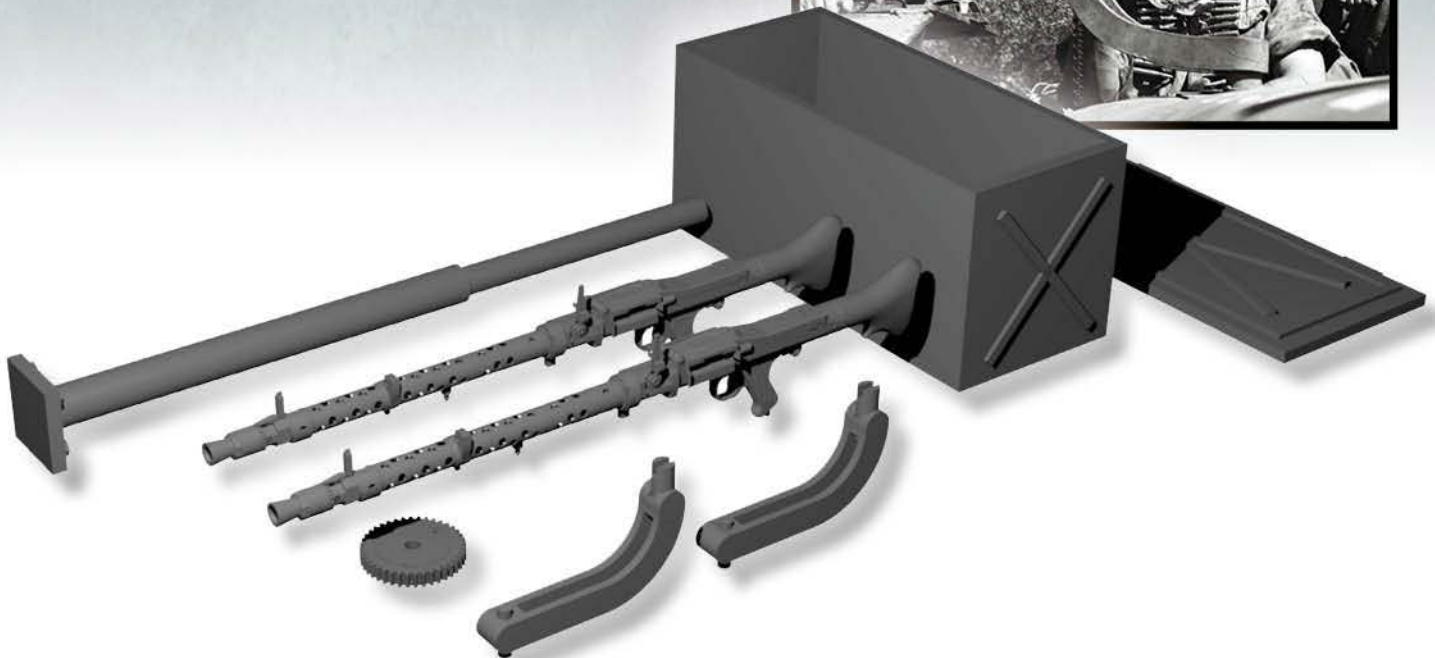


3D printed 1/24 scale  
For the Italeri kit



## 24402

IDF Jeep with MG-34  
1/24 scale



3d printed 1/24 scale

For Italeri and Hasegawa Jeep Willys



# Labels

If you have purchased this model you can use these labels to show it, just print, cut and glue it on your base.

**M3 Lee**  
**1/35 scale**

**M3 Lee**  
**1/35 scale**

**M3 Lee**  
**1/35 scale**

**M3 Lee**  
**1/35 scale**





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# Panzerspähwagen

## P204(f)

Scale; 1/35

Producer; ICM

Wheels; FCModeltrend



In 1931 the French cavalry asked for an armoured car with some specifications; it should be 4 wheel, armed with a 20mm gun, coaxial MG 8mm protection, 70Km/h speed and 400km range. In 1933 Panhard, Renault, Latil and Berliet proposed their prototypes but it was the Panhard model that won the contract after a demonstration in 1934.

The Panhard car designed as AMD 35 went through a series of modifications before being produced in series that started in 1938 but it was not until 1940 that the first turrets could be ready for completing the first cars. By May 339 vehicles were ready.

At the time of the armistice 429 cars had been produced plus 553 extra hulls for which the German added a supervised turret completing 176 cars.

The CDM turret housed a 47mm gun with better features than the 20mm gun.

The Panhard 178 proved to be a very successful armoured vehicle and it could be seen in service after the WWII with some units being used during the Vietnam War.

The kit





1-I started as I always do, priming the model with successive diluted layers of Dark yellow colour.



3- After airbrushing some lightening filters to the dark yellow base I proceeded to paint the rest of the camouflage colours with the airbrush at a low pressure.



2- The resin cast wheels show the weighted effect and they're easier to paint than the vinyl parts provided in the box. As they were specifically designed for this kit, they fix perfectly so no adaption is needed, just paint and glue.



4-The decals always adapt better to the model on a glossy surface so I airbrushed a layer of varnish and let it dry for some hours.

The ICM kit is one of the latest additions to their Panhard 178 family 1/35 scale and includes most of the parts of the previous kits, plus the necessary for the new CDM turret. In fact all the previous turret elements are provided in the C parts panel so you can build the standard version if you prefer. The kit includes full interior, rubber pneumatics and decals with markings for two vehicles from the 1000s abteilung, 89th infantry division operating in Auvergne during the summer of 1944.

Building the kit is a rather easy process due to the clever engineering and perfect fit. Even the less experienced modellers can tackle this model as the parts are not too subtle and the instructions are very easy to understand.

The only upgrade I used for the model was the resin cast wheels I designed myself that shows the weighted effect and they're easier to paint than the vinyl ones.





5- In order to ensure a perfect adaption to the surface and avoid any silvering I used the decal softener prior to placing them.



7- The sponging technique is a very easy way to replicate the chipped paint. Just remember not to charge the sponge too much.



6- With the decals placed and dry I protected everything with a layer of matt varnish.



8- Pigments can be used in many ways, combined with a paint you can create a thick coverage that adds a rough texture.

## Another weekend project

I built my Panzerspähwagen P204(f) in a few hours and soon it was ready for painting. I started priming the model with the Vallejo 73604 Dunkelgelb colour. After some highlighting filters airbrushed diluted at 80% I proceeded to paint the camouflage using the acrylic colours provided in the Vallejo special German 1940-1945 set.

With the camouflage ready I airbrushed a layer of gloss to prepare the surface for the decals placing. Once the varnish was completely cured I applied the decals using the softener product to ensure a perfect adaption to the surface and avoid the risk of any undesired silvering.

Before going on I airbrushed a layer of matt varnish to protect the decals from all the further weathering process.

I didn't want my Panhard to look battered so I sponged some chipping with a mix of dark brown and black colours trying not to exaggerate with the effect but knowing that I would cover part of it at the dusting stage.

I painted the exhaust with a mix of a rust tone wash and orange pigment to add a rough texture, once dry I applied a dark rust wash to add more tonal variation.

In order to add some contrast I used a home made enamels wash of dark brown colour to stand out the details creating a shadow around them and at the recessed lines.

The last touch was rubbing the edges and exposed to constant friction zones with metallic pigment using a cotton swab and the point of a graphite pencil.





9- Further washes bring variety to the exhaust rusted look.



11- At this point I applied a light pigment wash of light earth colour to create a subtle dust coverage.



10- Some shadows provided with a dark brown enamel wash helped to make the details stand out.



12- The last touch was imitating the exposed and polished metal using a graphite pigment rubbed with a cotton swab.



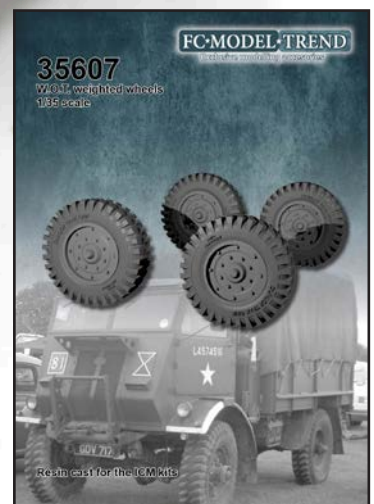


# Ford W.O.T. 6

Scale; 1/35

Producer; ICM

Weighted wheels; FCModeltrend



The WOT (War Office truck) was a military truck built by Ford in the Dagenham factory near London. Between 1939 and 1945 130.000 units were produced of 5 different models.

The Fordson Company was separate from Ford and produced tractors; when they started producing their own commercial vehicles they used the Fordson name to design them. The WOT trucks were produced in five different models numbered 1,2,3,6 and 8. The first three models had only rear wheel drive but the models 6 and 8 had all four wheels drive. The models 6 and 8 had a different cabin too that was very characteristic. All the vehicles were powered by a Ford side-valve V8 petrol engine and a four speed transmission.

The WOT 6 was similar to the model 8 but had a longer wheelbase and double payload of 3 tons. Many of the WOT 6 had an overture on the roof, over the driver's side for using a machine gun.

The WOT trucks were still in use many years after the end of the war





The front and rear wheels are different; the center hub is raised at the front ones and recessed at the back ones. The tires have been reproduced showing the weight effect and the marks on them are reproduced in different positions.

## First time in plastic 1/35 scale

Unlike other brands ICM is likely to release the models a few months or weeks after announcing them at their website or in their catalogue; and this was the case with this brand new kit of the WOT 6. First they showed the image at the Nuremberg hobby show in 2019 and soon we could see it at the hobby shops.

As all the ICM kits this one includes the engine and some very well detailed parts including a photo etched grille for the cabin front so we can see the radiator through it.

The decals sheet includes markings for four different trucks used in 1944 and 1945 in places like France, Germany, Great Britain or Malaya.

Unfortunately the wheel tires provided in the kit are not the ones used during WWII but typical of the post war trucks so I designed a corrected part and by the way I added the weighted look to them showing the tire producer markings in different positions so all the wheels could look different. The wheels were 3d printed and then resin cast and now you can find them at [www.fcmodeltrend.com](http://www.fcmodeltrend.com)



The chassis frame with the engine, transmission, suspension and axis.



Most of the kit parts are used in this stage of the building; many of them are delicate so much attention when handling is advisable.

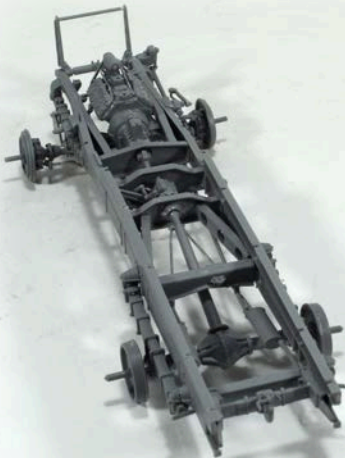




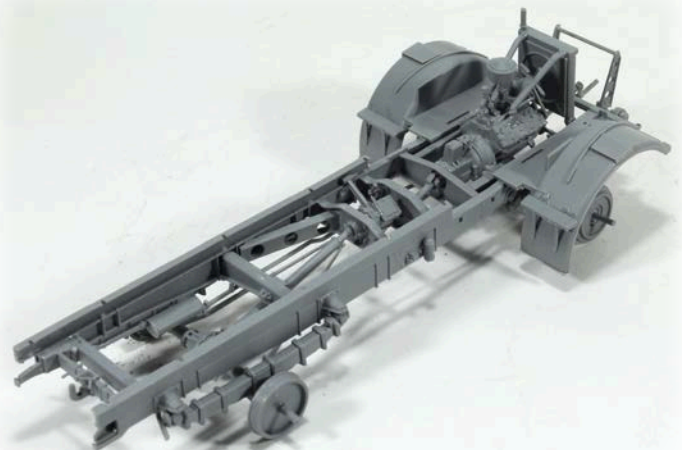
The frame parts fit very well and need very little sanding, just enough to erase the mould lines. Although this part of the assembling comprises many parts it's not a tedious job.



The resin wheels have been designed to match this specific kit and use some of the plastic parts.

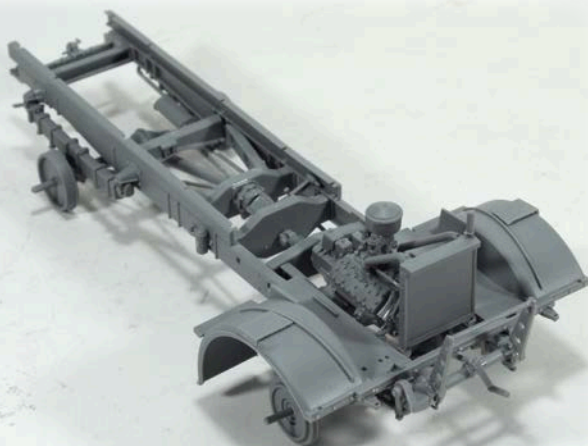


One thing that is very important when building the frame is controlling that the axis are parallel to the ground, unless you want to show the truck as inclined to one side.

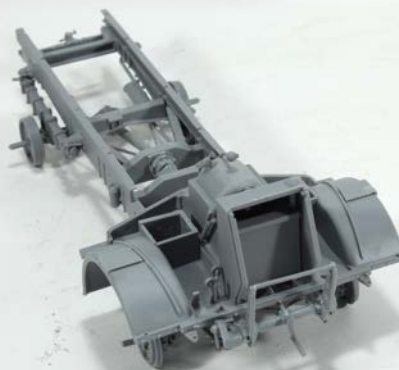


The front mudguards are glued now in place, they must be correctly aligned as they have to support the cabin walls.

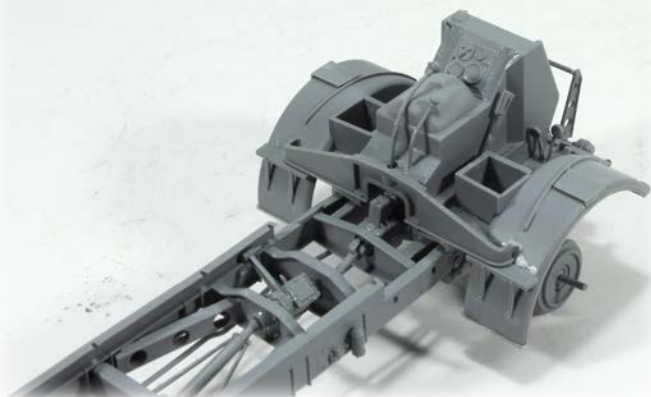




The engine, radiator, etc. will not be seen on the finished model as there is no bonnet to be left open; still is a nice detail ICM including it.



The cabin floor is finally glued and the engine completely surrounded by the compartment, only the radiator will be seen through the front grille.



The cabin floor parts are moulded together with the engine compartment so be sure you place them correctly before gluing.



The cabin sides, front and back fit perfectly and can be glued together to place later over the structure.





The cabin with the inner elements will be painted before closing it.



The model is splitted in a few groups for an easier painting; frame, cabin, cargobay, wheels, windows and cabin roof. Once primed separately I will be able to join some of them.



The cargo bay is built in a few minutes, all the parts fit correctly and need no preparation except for a little sanding of the edges.







Building the WOT 6 was a quite straightforward process starting with the frame and adding the completed engine, suspension, exhaust, fuel tanks, etc until the moment when the instructions suggest adding the wheels; here I stopped and stepped to the cabin; this must be built over the frame; first the floor and then the engine compartment sides. After that you add the seats, front and sides of the cabin, then the deck with the steering wheel, the back panel of the cabin and finally the roof. Obviously you have to stop for painting in some moment as soon the cabin will be closed and that's what I've done.

The cargo bay is made of few parts that fit smoothly so I completed it in a few minutes but I didn't glue it to the frame until I primed all the parts so I could do it properly.

After adding the last elements to the truck exterior the model was ready for starting with the painting.



The cabin interior is to be painted the same color as the rest of the truck except for the details. The gauges are provided as decals in the kit; very useful if you don't feel keen on painting them by hand.



Inside the cabin I painted the seats black and used a dark green wash to shadow the recessed lines and corners.



After priming the whole model with Vallejo Olive drab I airbrushed some filters to enhance the shapes and imitate the zenithal illumination.

The decal softener is a very useful tool in any modellers workshop. Letting the decals in it for a while will guarantee the perfect adaption to uneven surfaces.





I started priming the whole model with Vallejo Olive drab and then highlighted the volumes airbrushing a filter of color 71143 UK light stone diluted with 80% thinner. Inside the cabin I used a dark green wash to create shadow that stood out the details. I placed the dials decals and then added a drop of gloss varnish to imitate the lens over them.

Fixing the cabin to its floor at the frame was a bit tricky and I had to fasten the parts strongly while the glue done its job as they didn't fit 100%.

Before going on I airbrushed a layer of gloss to prepare the surface for the decals. Then I used the decal softener for them to adapt perfectly to the uneven wood surface of the cargo bay back side and also to avoid any silvering.

The decals selected are the ones of the truck deployed in Germany in 1945 provided with the kit. After the decals were secured with another layer of varnish I proceeded to apply the splattered filters; this is a very easy technique to provide the model base color a stained look. It's basically about splattering different colors washes over the surface using an old toothbrush. First we wet the model with thinner and soon before it dries we start speckling one color, then immediately after the next one and son on until we have used 4 or 5 colors. The key is not letting the previous filter dry before applying the next one. This way the filters melt creating a random stained look.

Inside the cargo bay I used home made enamel and oils wash of earth tone to create dirt coverage. Then I painted some chipping marks at the frame and cabin edges using a sponge and a dark brown paint trying not to exaggerate and keep the effect subtle. After that I applied a pigment wash with a light earth color using a little mechanical sprayer and mixing the pigment with 98% water for the sprayer not to clog. After letting the model dry for some hours I speckled some diluted oil paint marks, mostly at the cargo bay to imitated faded stains.



A simple drop of gloss varnish is enough to make a lense over the gauges.



The cabin didn't fit correctly so I had to "help" with some clippers until the glue dried completely



With the interior painting ready and a little weathering I closed the cabin but left the doors for the last phase so I could place the windows and windscreen with ease.



After some highlighting with airbrushed filters I applied a coat of gloss varnish to prepare the surface for the decals placing.





One thing that comes with the experience is knowing what colors and textures you prefer when using the same base colors again and again. In the end is natural to have some home made mixes of oils, enamels, etc. To achieve the effects once and again. This earth tone mix has old enamels and oils mixed with much turpentine and I use it constantly to create a dust layer.



This vehicle has not too many markings, just the license number on the doors and back and the weight round at the front; this makes it look a little anonymous but I liked it like that.



I covered the round and flat plastic parts that is supposed to represent the tarpaulin cover of the MG station with acrylic mud; this product is quite versatile and provides a rough texture. One of its advantages is that you can sand it when dry to make it look smoother. this is a fast way to imitate clothes.



Speckling washes is a fast way to reproduce a stained surface; just remember not to let dry the previous filter for the different colors to melt randomly.

The cabin tarpaulin cover of the MG station is just a round flat piece of plastic so I covered with acrylic mud softened with water to give it a more convincing look. Once the mud was dry I painted it in a light green color to make it stand out a little from the rest of the model.

With some metallic pigment rubbing at the edges, step, etc. I called the job done.

This was a couple of weeks project that turned to be very amusing, the characteristic cabin shape of the WOT 6 makes it look very appealing to me and now I'm willing to start with the WOT 8 kit to add it to the collection.





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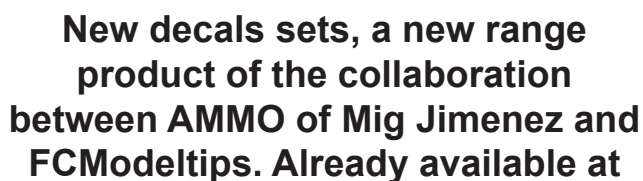
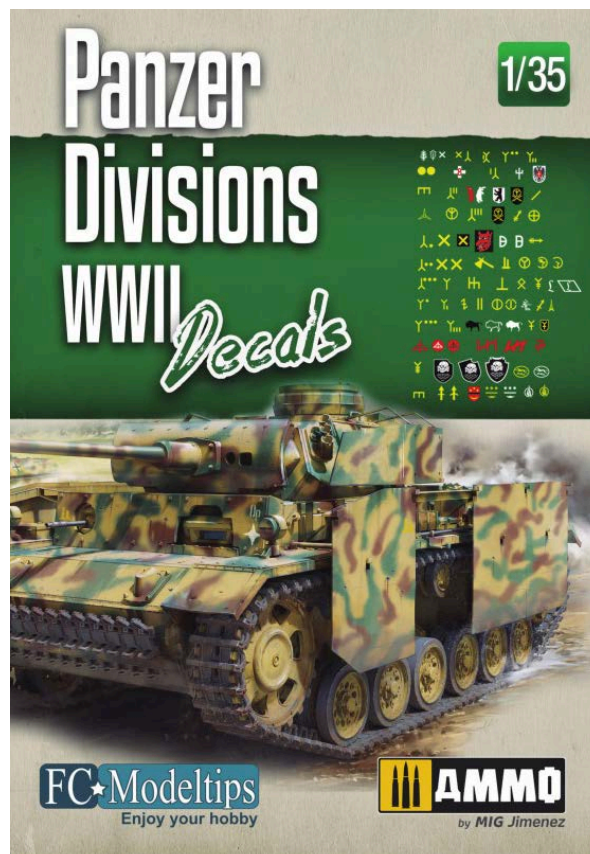
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