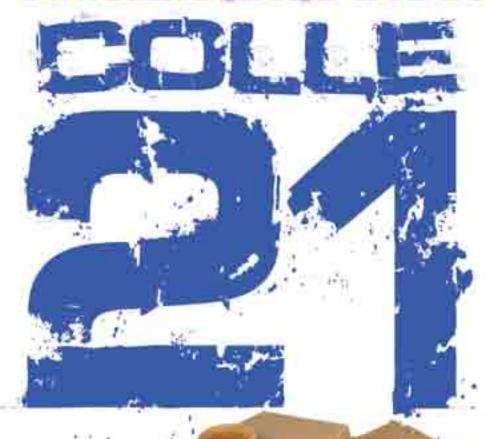


2 0 1 5 Warpaints September de

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EDITORIALFirst of all, thank you all!

Thank you for the success of the first issue of our Webzine Warpaints Mag'. Indeed more than 6 000 downloads in French and English were made from our platform. And we know for sure that this figure was largely exceeded as we were not able to add the figures from the other 3 platforms on which the Mag was available for download.

This is a tremendous encouragement for us and it comforts us in our endeavour to share freely our passion.

For your information, we launched officially an association on the eve of the Saumur exhibition and Warpaints Mag' will be one of its media. You are all welcome to join us and become an active member.

We had set ourselves the target of releasing two issues per year and we will commit to achieving it. The next issue of Warpaints Mag' will be released mid-December.

However given the success that the first release met, we wanted to keep the momentum.

We thought it would be interesting to issue random releases of Warpaints Mag' in a shorter format on topics that are collateral to scale modelling.

And we came up with the idea of Warpaints Mag' Mini! This « mini » Webzine will only be released when we think we have sufficient matter on a topic that is most likely to be of interest for a majority of scale modellers. It is called "mini" as there will be less pages than in the standard Warpaints Mag' format.

As said before, it is topic-based and for this first issue we chose a subject that is dear to our AFV modellers' hearts, i.e. The Saumur Museum!

The Saumur AFV Museum is a temple than any AFV modeller must visit once in his life. In this issue we will show you all aspects of this fantastic place.

We would like to thank the military authorities for granting us the authorisation to show you what the public cannot see during a normal visit.

You will also discover what is happening behind the scenes of the yearly scale model contest.

And last but not least, we were allowed to make you discover the jewel of the crown: the Saumur Kingtiger that remains the only one in the world still in working condition. You will find in the following pages a complete walkaround including pictures of the interior of the beast.

Special thanks to José Duquesne without whom this first issue of Warpaints Mag' mini could not have been released. A second issue will probably be available in 2016as we have plenty of ideas!

But first let's meet in December for the second issue of Warpaints Mag' that will be dedicated to the Battle of the Bulge!



Hayry Modelling

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by José Duquesne



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by José Duquesne



Restoration, the team

page 14
by José Duquesne



Walkaround of the masterpiece of the museum: the King Tiger page 18 by José Duquesne



Model show

page 32
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Dynamic demonstration

page 36
by José Duquesne and Yvan GARNIER



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Bulletin d'adhésion à l'association des Amis du Musée des Blindés

Le Musée des Blindés est géré par une association de type loi 1901 : l'association des Amis du Musée des Blindés. Pour progresser, cette association a besoin d'adhérents. Rejoignez-les en devenant membre de l'AAMB.

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Profession:			
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Adresse militaire éventuell	e:		
Tél. :			
Déclare adhérer à l' "Associ	ation des Amis du M	usée des Blindés de S	saumur" en qualité de:
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Je verse en conséquence la (chèque bancaire, mandat or à l'ordre suivant: "Associatio	u chèque postal)		mur".
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Je soussigné: Nom. Prénom:



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THE TANK MUSEUM AND ITS ASSOCIATION

The Tank Museum and its Association

The Armoured Vehicle Resource Centre was founded in 1977 by Colonel Aubry. Over two hundred armoured vehicles were then gathered within the Armoured Cavalry Arm. Due to an increase in interest, the collection was eventually opened to the public in 1983. Although the collection still belongs to the Defence Ministry, its running was delegated to a non-profit organisation (Association Loi 1901) named the AAMB or the Association of the Friends of the Tank Museum.

Over the last 30 years, the CDEB has salvaged vehicles of all sorts and of all nations, so much so that today the collection numbers almost 850 pieces and makes the Saumur Tank's collection the largest in the world. Over two hundred vehicles can be seen by the public and around 20% of the collection is in working order. The conservation work continues to this day in partnership with industry, the GDA and thanks to donations and swaps with other nations which allows for the acquisition of new vehicles.

The Association of the Friends of the Tank museum (AAMB) has been given the task of generating funds and in order to do so, several events have been created. The most obvious way to generate those funds is, of course, the ever increasing number of paying visitors to the Museum. The shop is another source of revenue for the Museum, through its sales of souvenirs, model-kits, books and clothing. The vehicles are also available to rent for the film industry, commemorations and exhibitions.

An International model show takes place every year at the museum during the Pentecost week-end (Springtime). It is an opportunity for many to see the Museum's "Beasts of Steel" in action in a live display.

Another opportunity to see a large number of armoured fighting vehicles in action, is during the popular "Carousel of Saumur" event, which takes place in front of the "Armoured Vehicle Application School", Place du Chardonnet.

The twelve Exhibition Halls give the visitors an opportunity to discover the evolution of tanks through an ever-evolving and educative visit, that is regularly enriched by new and exiting exhibits.

A five strong team works all year round to maintain and renovate this huge collection. "Volunteers' Weeks" were initiated by Colonel Seignon in 2003 in order to give a much needed hand to the Museum's full-time team.

Four workshops of one week are organised every six months. The 8.8 Flak benefited from such workshops and it is today fully restored. Another beneficiary of this initiative is the Panzer IV, which, although it is still a work in progress, is expected to be in a working order in the near future. Each team numbers two to six volunteers. The Panther ausf G workshop was once one of those projects and took place over 15 weeks with a team of four volunteers on average.

Immersed in History, made up of one of the most diverse and rich collections offered to the public, presented in an exiting and dynamic manner, the Saumur Tank Museum is a unique and unmissible historical site.

You should no longer hesitate to pay us a visit!

Musée des S BLINDES Saumur



Musée des Blindés

ou Association des Amis du Musée des Blindés

1043, route de Fontevraud - 49400 SAUMUR tél: 02.41.83.69.95 - Fax: 02.41.83.69.90 E-mail: museedesblindes@wanadoo.fr

Information Carrousel.

Office de tourisme de Saumur 8 Quai Carnot - 49418 Saumur tél: 02 41 40 20 60

VIRTUAL VISIT

Follow the guide!!

We now invite you on a discovery tour of the permanent exhibits of the Museum, in which you will discover the History of armoured fighting vehicles from all nationalities as you go through the different Exhibition Halls. Yet, bear in mind that this virtual tour can only show you a fraction of what is exhibited and nothing can compare to a visit in person, to fully appreciate the size of this unique collection, which happens to be the biggest in the world.

→ Probably the most obvious and striking new feature of 2015, a huge fresco now adorns the front of the Museum. This makes missing the entrance a near impossible task! It is the work of Florent Maussion, official painter to the French Army, and it was unveiled on the 24th April 2015.





One of several FT17 tanks the museum owns, some of which are in working order!



7 Outside, you will find a display of the AMX13 "family".



The history of the tank started during the First World War. Here you can see a unique display comprising of a Renault FT17, a Saint-Chamond and a Schneider.



■ The "France 40 Hall" exhibits French armoured vehicles, that fought the early battles of the Second World War.



■ The Panzer family, almost in its entirety: the Panzer II, III, IV, the Tiger I, the Tiger II, not forgetting the Panther.



↗ The Italians tanks of the Second World War.

7 The "World War Two German" Hall holds one of the finest collection of its kind.



7 The great exhibits of the "German Hall" make it the most impressive anyone can find.



7 The "Hall of Curiosities"

MIRTUAL VISIT



7 The "Warsaw Pact Hall".



7 From tracked artillery to wheeled light armoured vehicles. The collection is one of the extensive of its kind.



■ The Indochina war is also covered, with vehicles that saw action during the conflict.



7 The "Allies of the Second World War Hall".



■ The "French Hall" holds modern, currently in use, French vehicles.



→ Here is a AMX30 minesweeping vehicle, used in Iraq during the first Golf War

War



₹ The "Hall of the Great Men".



↗ All the nations, such as Great Britain and Sweden, are represented.



The tour ends in the museum shop which offers numerous books and do-cumentation about AFV.



7 The visit ends in the Museum Shop where you will find many books and resources regarding armoured fighting vehicles.



Many model kits are also for sale.

THE RESERVES



What remains unseen...

The reserves are full of restored vehicles in working condition but also of others waiting for being restored. This part of the museum is not open to public, unless during the model show when guided tours are organized.



↗ A Russian monster, the T72.



The vehicles are maintained in working condition. Despite the dust, they benefit from a perfect restoration.



■ US vehicles M8 and M20 recognition.



▶ Here is one of the FT 17 in perfect working condition.



■ The SdKfz 250 drove back in the reserves. It was replaced by the Panzer I lent by the Munster museum.



7 Russian made vehicle retrieved by the French Army during the Gulf War 1.



7 The rolling Hetzer and Panther ausf.A.



↗ A monstrous LVT Alligator!!



Even though they are not tracked vehicles, these wheeled vehicles deserve their place in the museum considering their rarity. They are often used during the Saumur Carrousel.

THE RESERVES



7 Other variants of the AMX 13.



↗ Another treasure, a SdKfz 7/1 with an armored cab.



₹ Right view on the inside of 7/1 Sd.Kfz.



↗ A true treasure, the combat tracks of the Tiger 1.



■ Left view this time on the inside of the Sd.Kfz 7/1. The conclusion is that the
future restoration work is huge.



New Evolution of the French contemporary tanks from the AMX 30 to the AMX 40

RENOVATION WORKSHOP

The Workshop of Miracles...

It is in this very workshop, that rusted shells are brought back to life. Each vehicle is a huge undertaking, whether it be modern armour, or dating back to the First or Second World Wars. The four strong mechanics' team, together with the Association's volunteers, are responsible for getting these legendary armoured fighting vehicles back in a working order. Yet, this is not quite the extent of their task, as they also have to maintain and look after the collection's vehicles that are currently in working order. Whether it be for renovation or maintenance, the work is always extremely time consuming for such a small team. For this, they deserve to be thanked.

→ A brand-spanking new EBR. The front axle has been replaced. A relatively time consuming and labour intensive operation that also requires a certain degree of patience.



■ The workshop is divided in five working areas. It is quite common for all those areas to be busy. Not so long ago, the TDM10 "Sirocco" and the BTR 152 were renovated in those areas that are today free.



7 Front view of the Stuart renovated to a brand new state.



Momentarily absent from the "German" Hall, the Panzer II "Luchs" has been moved to the workshop for a full service and the fitting of new equipment. This the first German tank from the Second World War that was renovated to a working order at the Museum in the 1970s.



The Panzer II "Luchs" has had, previously missing, new equipment added such as the Bosch headlight that found its rightful place on the front-wing right hand side.

One of the volunteers teams giving some free time to restore the vehicles of the museum.

Preserved from scrap!!

The saving of vehicles is an absolute priority of the tank museum. The restoration of a tank can last several years but the result is worth it. Here are some examples of restoration achieved by the mechanics of the workshop with the help of volunteers.



7 The vehicle is totally stripped down.



7 The Panzer IV project is huge substantial. This tank will be restored to

7 The hull is sanded to start from a clean base.



7 The turret was totally sanded...



■ The interior is perfect again.



7 The turret parts are gathered before being cleaned one after another.



★ ...then got its new « Schürzen ».



7 Each part is inventoried and checked prior to being installed on to the tank.



₹ The 7,5cm gun of the Panzer IV.

RESTORATION, T



■ The turret is painted with a green anti rust paint. The « Schürzen » have been fully rebuilt.



7 The ventilators of the engine are fixed on the ventilation grille.



7 The steering brake system has been checked and settled back in place.



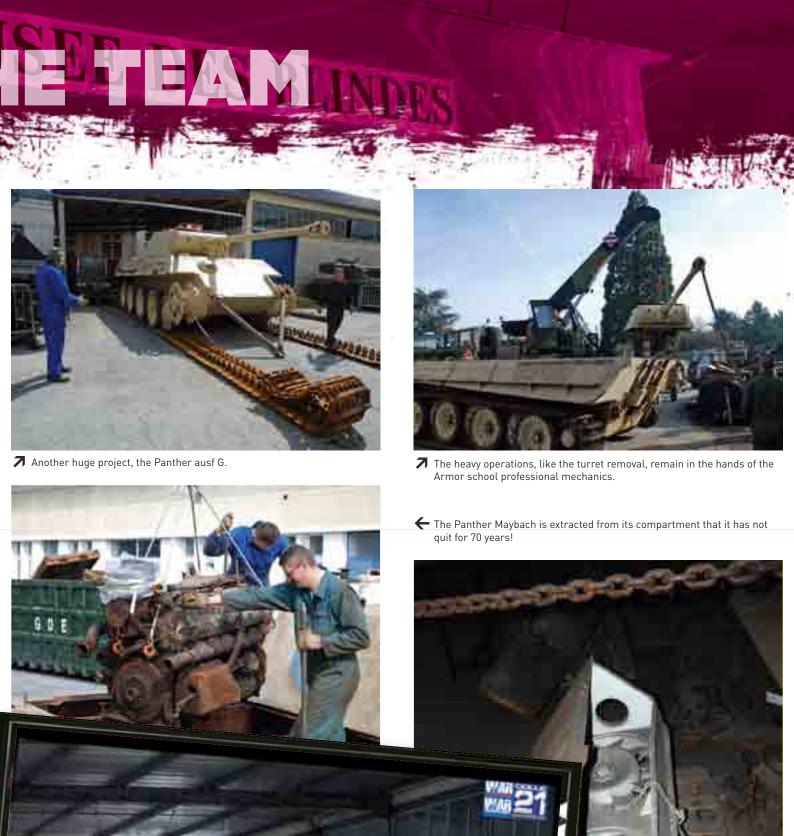
7 The gear box displays its original green color.



After having been totally stripped down, the tank got its Zimmerit coating again. The latter is made of tile cement.



7 The location of the transmission block that is being restored.





History of the Museum's Tiger II

In August 1944, 14 Kingtigers are unloaded from a train convoy East of Paris. They were previously commissioned at Mailly training ground. The unit then takes the direction of Beauvais. On August 23, they are sent to fight the American bridgehead at Mantes-sur-Seine. Half the tanks suffer from a breakdown along the way. The crews receive the other Tigers in the Vexin at 5 km from the American frontline.

The Batte of Sailly

After fighting in Fontenay Saint Père on August 26, the Tiger fight again at Sailly on August 28. Surrounded in the village, our Tiger manages to break up towards the North, crosses the bridge over the Montcient river and follows the coastline. Progressing on an open ground the massive tanks makes an easy target for the American artillery. In order to escape the heavy pounding it seeks refuge in a small wood on the plateau between Sailly and Montalet. However the wood is soon the target of heavy artillery fire. The hunted beast soon launches its 70 tons at full engine speed breaking through any obstacle on its way and leaving a large opening in the wood that will remain visible several years. This action however caused the engine to overheat and break down. The crew bails out under fire and does not take time to scuttle its mount.

Apart from 3 Kingtigers that were disabled through combat damage, most tanks from the unit will be abandoned on mechanical breakdown or lack of fuel and scuttled.

Our King tiger will remain abandoned on the edge of the small wood until a Free French unit salvages her.

We suppose that it was then brought to the AMX in Satory in order to be reconditioned.

At the beginning of 1945 this tank along with other captured German armoured vehicles will form a company aimed at participating to the campaign in Germany. She was then stored in Satory and finally joined the Saumur Museum thanks to Colonel Aubry in 1975

• Fighting weight: 70 metric tons

Length: 10,30 mWidth: 3,76 mHeight: 3 mCrew: 5

• Weapons: 1 x 88mm gun with 72 rounds + 2 x MG34 machine guns

• Armour : 4 to 18 cm

• Engine: Maybach 24 liter 12 V 700hp

• Fuel tank capcity: 1 036 l

• Fuel consumption: 6 to 10 l per km depending on the ground conditions

Road speed: 42 km/h

• Production : 489 units produced between Jan 1944 and March 1945

OF THE MASTERPIECE OF THE MUSEUM: THE KING TIGER

LA BETE DE GUERRE "LE TIGRE ROYAL" "KÖENIGSTIGER" Le seul au monde en marche











- MALKAROUND













OF THE MASTERPIECE OF THE MUSEUM: THE KING TIGER









- WALKAROUND













ERPIECE OF THE MUSEUM: CITICER

- WALKAROUND













OF THE MASTERPIECE OF THE MUSEUM: THE KING TIGER













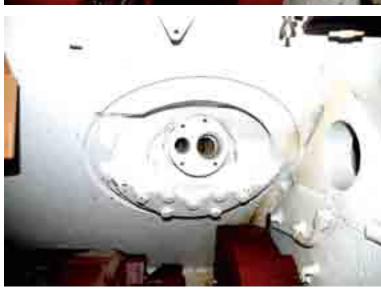
- WALKAROUND













OF THE MASTERPIECE OF THE MUSEUM: THE KING TIGER













ALKAROUND













OF THE MASTERPIECE OF THE MUSEUM: THE KING TIGED

















1917: Les chars français sortent des tranchées! 2017, centenaire de la première bataille des chars français.

Dans le cadre des commémorations de la première Guerre Mondiale, le musée des hlindes de Saumur, en association avec le ministère de la Defense, lance un projet de rénovation des chars français qui ont participé au conflit.

L'objectif est de remettre en état de marche les premiers chars développés en France, dont 3 exemplaires sont encore en notre possession puis de les faire participer à différentes cérémonies.

en 2017 et 2018.

En effet, 2017 marquera le centenaire du premier combat des blindés français à Berry-au-Bac.

Vous pouvez prendre part à ce projet de rénovation ! Vous souhaitez raviver le souvenir de ceux qui ont défendu la France et leur rendre hommage ?

> Participer à une entreprise de rénovation technique et SOUTENEZ CE PROJET en faisant UN DON (dons déductibles des impôts)



Pour tout renseignement vous pouvez contacter :
l'Association des Amis du Musée des Blindés
1043 route de Fontevraud 49400 SAUMUR
museedesblindes@wanadoo.fr www.museedesblindes.fr
Tél. 02 41 83 69 97 02 41 83 69 95

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Signature :

The open show of the Saumur model contest.

Beside the organization of the international model contest which takes place in the room "France contemporaine", the museum hosts open exhibitors. Clubs, associations and traders occupy all the rooms of the museum. It is the opportunity to discuss plastic bits", armor and tank history in a friendly and familial atmosphere which is one of the basic purposes of the forum.

For the first time, "Warpaints" had a stand among the most filled. We have hosted our Spanish friends from Ammo Mig who made us the honor of merging their stand with ours. Painting demonstrations by the talented Spanish modeler José Luis Lopez Ruiz were among the most followed animations of the week-end. And know that from now on the products of the brand will be available at the museum shop.



▼ The stand displays the works of the forum members. Whether you are a beginner or a confirmed modeler, some room is reserved for you on the tables. Above all, the "Warpaints" spirit is the pleasure and the sharing of our common passion.



7 The tables are ready to host the exhibitors. Every year, all the museum staff exhibitors as it should be. They install more than 320 tables!!



The stand is building up while our Spanish friends settle for the painting demonstrations. Cameras and screens allow having a clearer view of these demonstrations.



7 Arrival of the « Warpaints » staff and settling of the stand. A badge allows to identify each and every forum member.



🗾 José Luis Lopez Ruiz in action. Author of the book « Painting guide for AFV of World War Two and Modern Era » (éditions Histoire et Collections) José has developed his technique of « black and white » which he shared with us. This talented modeler gave us a perfect demonstration. We warmly thank him!





Another exhibition zone of the stand is dedicated to the forum « challenges ». All the models will then take part in the contest.



■ Another view of the challenges tables organized by the Forum.



■ In the foreground, a view of the models of Laurent (S.Tank) and Gilles (Lostiznaos) for whom the challenge was to make a Saint Chamond.



Our Spanish friends in full. From left to right, José Louis Lopez Ruiz, Cosme Woodland and Carlos Cuesta are the Ammo Mig team and also the "The weathering magazine" editorial staff. They are great and open minded guys, definitely in the "Warpaints" spirit.



Small drink between friends. Sharing and conviviality are omnipresent. To drink moderately of course!



Among the first participations in Saumur, John and his brand « Paper Panzer Production » made the travel from Belgium. He was accompanied by Pawel (aka Spitfire 303), our Polish friend.

MODEL SIG



■ The contest takes place in the room « France contemporaine». The tables are getting covered little by little.



Two happy modelers sporting the colors of our partner. Photos credits Casu Danilo/Colle 21



■ The «big scales» were present too, here is a Jeep Willys



Sunday evening, already the end of the week-end. It is time to pack up the stand. It went way too fast. Now we give you rendezvous for the 30th edition of the Saumur tank museum international model contest.



▼ Fabrice (aka FAB60) of the club Stakit of Boran (60) Photos credits Casu Danilo/Colle 21



José Luis Lopez performing his demonstration of the "black and white" technique on the shared stand Ammo of Mig and Warpaints Photos credits Casu Danilo/Colle 21





■ Still José Luis Lopez, trying to master the airbrush with Carlos (Ammo of Mig) who monitors the maneuver and Seb (aka SebTartar known as «the man who left his DNA on the Marder 1 muzzle») ready to give his priceless linguistic support all the week-end long. CP colle21



A part of the "Warpaints" stand, in the foreground from left to right: Renault D2 (Navy) - M551 Sheridan (Diablus) - Dozer D9R (Thierry33). Photos credits Casu Danilo/Colle 21



7 The « wingies fans » although being a minority were nonetheless worthily represented.
Photos credits Casu Danilo/Colle 21



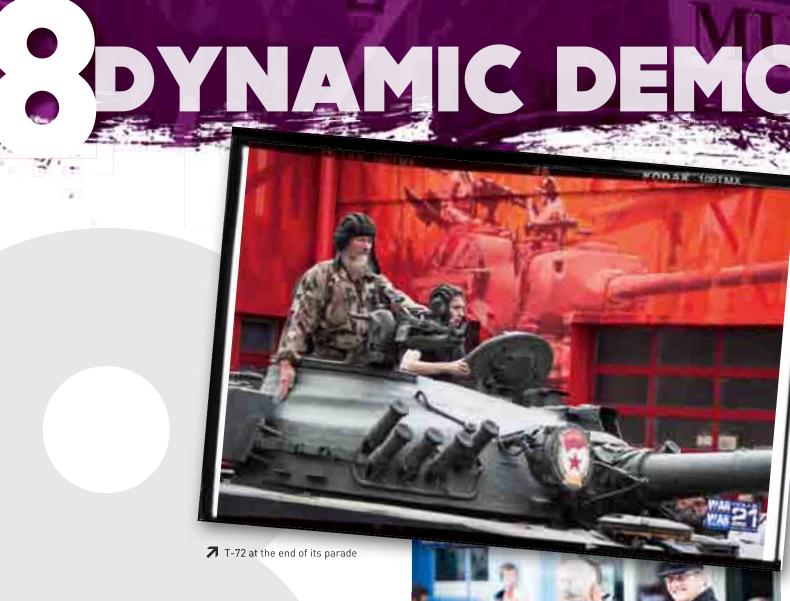
Some curious visitors and fans too at the "Warpaints" stand next to the Panzer IV ausf J. Photos credits Casu Danilo/Colle 21



7 The demonstration by José Luis Lopez who attracted the crowd all the week-end long and charmed the audience equally by his talent and his availability and simplicity. Photos credits Casu Danilo/Colle 21



■ Some rare but magnificent ships in the aisles. Photos credits Casu Danilo/Colle 21



Dynamic demonstration

Who never dreamt of witnessing in live starting and moving the vehicles he is fond of? Now it's done! Every year the dynamic demonstration of armored vehicles is awaited by all. Be aware that it occurs on Saturday and Sunday and is usually held at 15.00. This year, no less than ten vehicles paraded in front an enthusiastic public. From various nationalities and eras, the armored vehicles as diverse as impressive had their engine roaring for the visitors' delight.

Photo credit Casu Danio/Colle21



▶ British Centurion Mk.5 tank



José Duquesne wearing the Panzerwaffe uniform preparing for the dynamic demonstration



7 The audience in front of the new (superb) façade of the museum

HSTRATION



7 Russian armored infantry fighting vehicle BMP-1



对 US tank destroyer M10 GMC



7 José Duquesne driving the Hetzer



₹ German tank destroyer Jgpz. 38(t) Hetzer



▶ AMX-30 ready to parade



对 TD M10 «Sirocco» of the RBFM of the 2nd French AD

DYNAMIC DEMC



▶ BTR-152 heading back to the garages



José Duquesne wearing a Wehrmacht armored troops uniform is posing in front of the Centurion and the AMX-30



 ${\color{red} {\bf 7}}$ AMX-13 155 F3 passing in front of the audience gathered for the event



▶ BTR-152 in front of the new museum façade



₹ BMP-1 (rear view) passing the French AMX-13 155 F3 self-propelled gun



7 Russian T-72 tank

NSTRATION



7 French AMX-30 B2 tank



«Russian officer « saluting the crews



Ultimate inspection of the French DCL recovery tankbefore the parade



■ TD M10 moving in front of the Leclerc DCL



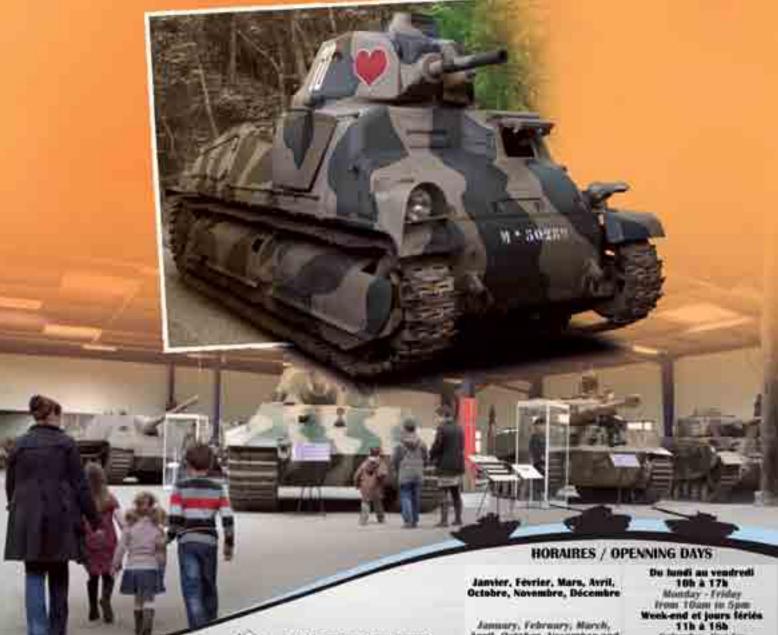
7 Russian antiaircraft self propelled gun ZSU-23-4 Shilka



₹ ZSU-23-4 Shilka passing the museum entrance



Franchissez les portes de notre histoire...



Grand Saumur

Anjou

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49400 Saumur

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1043 route de Fonterraud

museedeshiindes@wanadoo.fr www.museedeshiindes.fr







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at 16:30mm and 3pm