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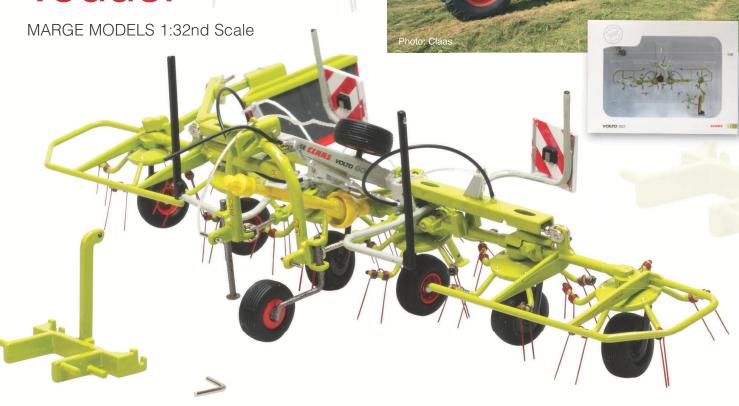
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### Claas Volto 60 Tedder



he 13 tedders in Claas's Volto range offer working widths up to 13.0 metres. For small or medium-size farms and for use with smaller-sized tractors the range includes five compact tedders. They have working widths of 4.50 to 7.70 metres and four, six or eight rotors. The mid-range Volto 60 has six 1.30 metre diameter rotors with five spreader arms per rotor and a working width of 5.80 metres. It's one of only two compact tedders with Claas's maximum spread crop flow concept.

Limited to 3000 models this edition of MarGe Models' Volto 60 tedder in its special packaging is available from Claas and its network only.

The model's supplied partially assembled. Both the stands and the ground-contour guide wheel need to be fitted. Small pins and excess paint made them a little fiddly to fit but once assembled it's a well detailed model. It has an authentic headstock that fits model tractors with three-point linkages. There's a bracket on the headstock to hold the yellow PTO shaft and the hydraulic pipe that attaches to the tractor.

MarGe Models also provides an

adaptor allowing fitting on tractors with two-point linkages. When fitting on these tractors it's better to fit the adaptor to the tractor and then attach the tedder to the adaptor.

The tedder's split in three sections with two rotors on each. Mounted on a ground-contour following wheel each rotor has five spreader arms with two fine tines. The rotors will freely rotate but the rotors overlap and this limits movement unless turning all the rotors together. Outer sections are hinged, supported on rams and fold for transport.

collection.claas.com

Verdict	
Model	Claas Volto 60 Tedder
The Good	The ability to fit on a wide range of tractors.
The Not so Good	Nothing to mention.
Price	around £62.00 (72.50 euros)
Model Detail	95%
Model Accuracy	95%
<b>Build Quality</b>	95%
Functionality	95%
Value	90%
Overall	94%
Rating	****









Claas
Jaguar
870
Forage
Harvester



laas offers three maize, two pick up and two direct cut attachments for its Jaguar 870

harvester. Powered by a 16.0 -litre V8 Mercedes-Benz engine developing 430 kW (585 hp) it's the largest of Claas's 800 range of forage harvesters. It has Claas' Dynamic Power option and a 750 mm wide, 630 mm diameter chopping cylinder with 20, 24 or 28 knives.

USK Scalemodels announced it was developing a Jaguar 800 series forage harvester at the German Toy Fair in 2016 and Claas released the 870 edition, available from Claas only, at SIMA 2017. It's equipped with

the 10-row Orbis 750 maize

USK Scalemodels announced it was developing a Jaguar 800 series forage harvester at the German Toy Fair in 2016 and Claas released the 870 edition, available from Claas only, at SIMA 2017. It's equipped with the 10-row Orbis 750 maize attachment.

Unlike many 1/87 scale models
USK Scalemodels' robustly built
Jaguar harvester, including the
attachment, is largely metal. It
also has good levels of detailing
for a model of this scale. On the
maize attachment the cutting and
transport discs are detailed as are
the guide fingers. It's provided

with detachable plastic crop guides that need removing before folding the attachment into the transport position. While the harvester has driving mirrors, warning beacons and handrails on both access steps. There are silver horns on the right-hand rails. Also the cab interior, moulded in a single colour plastic, has all the basic detailing but the cab door does not open. Although the attachment does not detach it lifts and lowers on the feed unit. Also the height and discharge chute angle are adjustable. However the side panels do not open nor do the wheels steer.

collection.claas.com

Verdict	
Model	Claas Jaguar 870 Forage Harvester
The Good	Build quality and detail levels.
The Not so Good	Perhaps not being able to detach attachment.
Price	around £34.00 (39.90 euros)
Model Detail	90%
Model Accuracy	95%
<b>Build Quality</b>	100%
Functionality	90%
Value	95%
Overall	94%
Rating	****

Photo: Claas







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## Kuhn Axis 40.2 M-EMC-W Fertiliser Spreader





UNIVERSAL HOBBIES 1:32nd Scale

uhn's Axis twin disc fertiliser spreader range is manufactured by Rauch and launched by Kuhn in 2005. They have hopper capacities of 1.0 to 4.2 cubic metres and spreading widths from 12 to 50 metres. The Axis 40.2 M-EMC-W is the second largest spreader in the range. It has PTO driven spreading discs (M), Electronic Mass Control (EMC) to regulate the fertilizer dose on each spreading disc and weight cells to monitor hopper weight (W). It has a list price of around £22,000.

The model itself is well engineered and finished. It has a flexible cover with windows that rolls back allowing spreader filling. Inside the hopper there's black mesh over each agitator. The hopper also has four glazed front windows and two at the rear.

Universal Hobbies has provided black plastic front guards with the name 'AXIS' embossed on them on the hopper. On the rear there's road signage and glazed tail lights. Finished in silver the spreading mechanism consists of two freely rotating discs and on the right-hand side the

border spreading deflector.

For attaching to a tractor the spreader's provided with Universal Hobbies standard two point hitch.
On the tractors used to check it fitted on those

from Universal Hobbies but not Britains or Siku. To get them to fit on these tractors it will be necessary to reduce the spreader hitch width. The spreader hitch mounting bracket is secured to the spreader by four screws. It thus should be possible by removing the bracket to fit the spreader on model tractors with three-point linkages. It will be necessary drill a hole for the top link pin.

Universal Hobbies has provided the hydraulic pipe with quick release connector for connecting to the tractor but not the PTO shaft. However the spreader has the main shaft into the gearbox and thus adding one should something easily done if needed.

Unusually Universal Hobbies has supplied its new Kuhn spreader with both a plinth and a clear display case.

www.kuhn.co.uk



Verdict	
Model	Kuhn Axis 40.2 M-EMC-W Fertiliser Spreader
The Good	The flexible hopper cover.
The Not so Good	The limited tractors it can be fitted.
Price	£36.11
Model Detail	90%
Model Accuracy	90%
<b>Build Quality</b>	90%
Functionality	70%
Value	90%
Overall	86%
Rating	***



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### Massey Ferguson TH.7038

Telehandler

UNIVERSAL HOBBIES 1:32nd Scale





assey Ferguson's TH telehandler series made its debut at SIMA earlier this year. The four telehandler range offer more power, lift height, extra capacity and a longer reach than the previous machines. Each telehandler is targeted to meet



the needs of different uses with the flagship TH.7038 designed for contractors or larger farms and businesses. Its powered by a 97kW engine and has a lift capacity of 3.8 tonnes and a lift height of 7.0 metres.

SIMA also saw Massey Ferguson launch Universal Hobbies' new smart well-built 1/32 Massey Ferguson TH.7038 telehandler at their mechanising shop.

The model has a fully functioning boom that's supported on twin piped rams. Fully raised and extended the boom lifts the attachment pivot to 203 mm above the ground. A single ram adjusts the attachment tilt angle. Both the lift and tilt rams are stiff enough to allow the forks to carry light loads. The forks do not detach but their spacing is adjustable and they will swing up into the transport position.

Universal Hobbies has provided well detailed axles front and rear with mudguards on each wheel.

Different steering modes are available although the rear wheel does fowl the open cab door in some positions.

The cab's well detailed.
On the outside there are windscreen wipers on the front and back screens, lights, an aerial and a warning beacon. It has a one-piece cab door that opens allowing the fitting of a driver. While inside the interior's finished in three different colours and has good levels of detailing.

At the telehandler's rear there's tail lights, hydraulic connectors and a drawbar detailed.

Some may be put off buying the telehandler because the pallet forks do not detach. However if Universal Hobbies repeats what it has done on other telehandlers expect them to re-issue the TH.7038 with a different attachment at some point.

www.shop.masseyferguson.com



Verdict	
Model	Massey Ferguson TH.7038 Telehandler
The Good	The opening cab door & cab interior detailing.
The Not so Good	Not being able to change the attachment.
Price	around £44.39 (51.84 euros)
Model Detail	95%
Model Accuracy	95%
Build Quality	95%
Functionality	90%
Value	100%
Overall	95%
Rating	****

Model Farmer May/June 2017

### Claas Tucano 570 Combine with V930 Table





he medium-size Claas's Tucano 570 combine is designed to meet the needs of farmers and contractors who want a high-capacity combine without the complexity of the Lexion range. It's the largest in the six combine Tucano range. Like the other combines in the range it's powered by a six-cylinder 7.7 litre Mercedes Tier IV engine. It has Claas's APS threshing system but unlike the other combines that have straw walkers it has a single 570 mm diameter Roto Plus separation rotor.

USK SCALEMODELS

1:87th Scale

Like USK Scalemodels' Claas Jaguar 870 forage harvester reviewed earlier in this issue its new Tucano combine was announced at the German Toy Show in 2016. It also went on sale alongside the Jaguar harvester at the Claas mechanising stand at SIMA earlier this year. The model's supplied in special packaging, limited to 1000 models and available from Claas and its dealer network only.

Build quality, finish and levels of detailing on the Tucano 570 are similar to the Jaguar harvester. Moulded in plastic the table has

red pickup tines, knife detail, crop dividers and on the underside the bed skid detailed. Both the main auger and reel rotate freely and unusually on a 1/87 model USK Scalemodels has provided the reel with tines.

There's a two-wheel trailer for transporting the table. Designed for towing by the combine the trailer will also attach to Wiking 1/87th tractors. The jockey wheel however does not fold.

Largely metal the combine is well built. The feed elevator has two slots for attaching the table and the two support rams allow

There's also folding cab access steps and movable unloading discharge chute. Side panels, grain tank covers and the cab door do not open and the rear wheels do not steer.

The model's well detailed and has warning beacons, driving mirrors, handrails, number plate and road signage provided. There's a silver engine bay access ladder, silver exhaust and on the straw chopper read spreading

#### collection.claas.com

Verdict	
Model	Claas Tucano 570 Combine
The Good	The good levels of detailing.
The Not so Good	Nothing to mention.
Price	around £34.00 (39.90 euros)
Model Detail	90%
Model Accuracy	95%
<b>Build Quality</b>	100%
Functionality	90%
Value	95%
Overall	94%
Rating	****

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#### **CLAAS DOMINATOR 98S COMBINE**





laas launched the five straw walker Dominator 80 in 1970 to meet the need for greater combine capacity by farmers and contractors. It was the start of a family of Dominator combines Claas produced for the next 30 years. Regularly extended and improved Claas launched the first 8 series Dominator combines in 1981. Later adding other combines the 8 series finally went from the three walker Dominator 38 through to the flagship

Dominator 115CS with the cylinder system separation. The five walker Dominator 98, powered by a 150 hp engine, was the second largest 8 series walker combine. It had a 1320 mm wide drum and 5200 litre tank and either mechanical, the 98S, or hydrostatic, the 98 SL, transmission. Over the years model makers have released several different Dominator combine models but Replicagri is the first to make the Dominator 98 combine. It's the 98S combine with mechanical transmission.





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Well-built the combine is largely diecast. On the feed elevator Replicagri has finished the chain a nd slate conveyer in silver. The elevator's supported on twin rams and these are stiff enough to hold the table in the fully raised position. It has good-looking road and work lights and a glazed arning beacon provided on the front of the combine. There's a realistically sized wiper on the front screen and the side and door window seals are black. Access steps to the driver's platform fold into

the transport position and have solid steps and solid handrails. While the platforms on either side of the cab have patterned flooring, handrails and driving mirrors.

To provide access to the cab interior the door opens. Inside, the cab has black floor matting, black roof panel, light brown side panels and a light brown driver's seat. It's detailed with foot pedals, steering wheel and operating levers. Unusually Replicagri has also detailed the roof panel inside the cab with the air vents.





Neither the side panels, engine cover nor tank cover open but the unloading auger swings out from its transport to working position. It has a flexible black hood.

At the rear the combine there are road lights, speed signage and on top of the straw walkers a glazed warning beacon. It has a straw chopper positioned in its working position and a fixed access ladder. The rear wheels steer and turn to give the combine a good turning circle.

Replicagri has equipped its combine with the 4.5 m wide grain table. It has a metal bed with plastic reel, main auger and crop dividers. The table's not provided with pickup tines but the knife has gold keeps and black fingers. Crop dividers fold and both the feed auger and reel rotate freely. The tines on the reel on the review model were too stiff to freely hang vertically as the reel rotates but can be set in the correct position. Reel height adjusts on twin rams.



The table locates in two slots to attach it on the feed elevator. It's similar to the method Replicagri used on its Axial-Flow combine.

Although not accurate it does not spoil the combine's appearance.

For transporting the table there's a two-wheel trailer. It has a folding stand and the drawbar allows the trailer to be towed behind the combine. It works well but the drawbar is not compatible with any model tractor.

collection.claas.com

Verdict	
Model	Claas Dominator 98S Combine
The Good	The model's build quality.
The Not so Good	Nothing to mention.
Price	around £78.00 (89.90 euros)
Model Detail	95%
Model Accuracy	95%
<b>Build Quality</b>	100%
Functionality	90%
Value	95%
Overall	95%
Rating	****



www.modelfarmer.com Model Farmer May/June 2017 13



**Universal Hobbies 1:32 Scale** 

m tempted to start this article with the following question; What were they thinking? When Universal Hobbies originally first launched this model several years ago as an unmolested standard

wheel rims aside I thought they had made a really sound job of recreating one of my favourite 6 cylinder Beauvais built classics. It's without doubt the reason I now have over 20 other custom built 3000 series tractors sat in a cabinet within my collection by several exceptionally good conversion specialists, they just like me thought it was a great

Hobbies for thinking outside th box with this concept.

> Well now the same model is back in vastly different clothes, and I have my head in my hands. Personally I have never been a fan of mass produced weathering and dirtying techniques. In my eyes they do not work, and they will never be realistic. Universal Hobbies clearly think otherwise, and instead of slapping a bit of brown paint on this model to pass it off as a limited edition special they have gone one further and

base model for modifying.

coated it in desiccated coconut which they will have you believe is Snow.

This is according to the plastic plinth it is mounted on, number 802 of 1000 limited Snow edition Massey Ferguson 3090 tractor. Not that you can tell it's a 3090 because you can barely make out any of the model number decals beneath the so called layers of snow. The model is plastered in so much of the horrible stuff the wheels don't run freely, and even foul on the screws below the rear mudguards. This problem is exacerbated by some woefully unrealistic snow chains which look like jazzy sequins

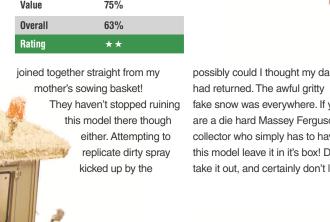


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Verdict	
Model	Massey Ferguson 3090 Snow Edition
The Good	Still looks like a 3000 series Mas- sey Ferguson
The Not so Good	The entire concept of producing a snow covered model tractor
Price	£45.00
Price Model Detail	£45.00 85%
7 1100	210100
Model Detail	85%
Model Detail Model Accuracy	85% 45%
Model Detail  Model Accuracy  Build Quality	85% 45% 45%
Model Detail Model Accuracy Build Quality Functionality	85% 45% 45% 65%

possibly could I thought my dandruff had returned. The awful gritty fake snow was everywhere. If you are a die hard Massey Ferguson collector who simply has to have this model leave it in it's box! Don't

3080 then why not add a front linkage, or some wider wheels? Not this! Not something that would look unrealistic even if it was placed in a snow covered layout. What next? A Kubota coated in chocolate chips?





Right: f you are a die hard Massey Ferguson collector who simply has to have this model leave it in it's box!

wheels from the road, or a seasonal farm track they have coated the wheel rims and cab windows in something that best described as being taken straight from the bottom of a toilet bowl, it's almost mustard yellow, nothing like what it's intended to be, or should look like.

I haven't finished there either when I removed this model from it's box and plinth as carefully as I anywhere for anyone really young to play with, or get their hands on.

Fair play to Universal Hobbies for thinking outside the box with this concept, but they could have come up with something far more appealing than a model that looks more at home in a bakery than a collector's cabinet. If you were going to give us a 1000 Massey Ferguson 3090 tractors based upon the original



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### Massey Ferguson 5713 SL Tractor with Front-Loader



uilding on the success of its MF 5600 tractor series Massey Ferguson launched its new four tractor MF 5700 SL series in 2015. These compact tractors are designed for livestock land mixed farmers wanting both the power needed for arable work and good manoeuvrability making them a perfect loader tractor. They all use a AGCO Power four cylinder engine with ratings from 74.6 to 96.9 kW. The flagship 5700 SL tractor is the 5713 SL.

Universal Hobbies appears to have based its new model on the

tooling it used for the three-cylinder Massey Ferguson 5610 tractor it introduced in 2013. It's not accurate but this does not spoil this well-built model's appearance.

Like the 5610 the 5713 SL model has an authentic front linkage with folding lower links supported two rams. However unlike the 5610 model it has a silver top link placed in the transport position. It also has a grey and not yellow PTO cover. At the rear the tractor has Universal Hobbies standard two-point linkage with pickup hitch and a fixed top link.

The 5713 SL also has a new fuel tank with AdBlue cap, new steps, extra work lights front and rear and a protection grill over the window in the cab roof.

When Universal Hobbies launched the 5610 tractor it had the mounting brackets for the front-loader, suggesting they were planning to release the tractor with one. However it never appeared and it's these brackets Universal Hobbies has used to fit the front-loader on 5713 SL tractor. Largely metal the loader lifts and the attachment tilts smoothly on their

Verdict	
Model	Massey Ferguson 5713 SL Tractor with Front-Loader
The Good	Build quality and finish.
The Not so Good	Lack of opening cab doors.
Price	around £58.00 (68.00 euros)
Model Detail	90%
Model Accuracy	75%
<b>Build Quality</b>	95%
Functionality	95%
Value	90%
Overall	89%
Rating	****



rams. However Universal
Hobbies has not piped the rams
but has detailed the quick release
coupler on the right-hand side
and painted it silver.

www.shop.masseyferguson.com



anmar launched its first compact excavator in 1971 and now offers two ranges, i.e. VIO and SV, ranging from 0.8 to 10.0 tonne class excavators. The VIO series are zero tail swing excavators where the housing doesn't extend beyond the tracks as it rotates. While the SV series are minimal tail swing excavators of which the SV100 excavator with a 70.3 hp 4TNV98CT-VBV Yanmar diesel and a 10360 kg operating weight is the largest. It's available with a single, the SV100-2, or two, the SV100-2PB, piece boom.

ROS's diecast model has many working features and good detail levels providing plenty of display options. All the rams on the boom are piped and there's even the pipe work with silver connectors for powering an

attachment. They operate smoothly and give the boom a realistic operating range and allow the bucket to be positioned anywhere over the range. Like the real machine there's also a ram that allows the boom to work at an angle.

The carriage has rubber tracks and a dozer blade. Each track correctly has one top and five bottom track rollers but they do not turn and this makes the track difficult to turn. A single ram operates the blade and it is stiffen enough for the blade to hold the tracks off ground.

Correctly ROS has provided the excavator with five mirrors and these all have reflective surfaces. There are also handrails, a wind screen wiper on the front screen, painted work lights and a glazed warning beacon provided. The

cab door opens giving good access to cab interior. Here ROS has provided foot pedals, operating levers including the joystick and control panels. However ROS has not detailed the dials on the instrumentation panel.

Finally behind the cab there's a silver exhaust and an opening panel giving access to the engine bay.

www.ros-srl.it





Verdict	
Model	Yanmar SV100 2PB Excavator
The Good	The realistic working features.
The Not so Good	Nothing to mention.
Price	£77.99
Model Detail	95%
Model Accuracy	95%
<b>Build Quality</b>	95%
Functionality	95%
Value	80%
Overall	93%
Rating	****

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## Yanmar V8 Pivot Steer Loader







**Verdict** Model Yanmar V8 **Pivot Steer** Loader The Good Its build quality & finish. The Not so Good Nothing to mention. Price £77.99 **Model Detail** 95% **Model Accuracy** 95% **Build Quality** 100% **Functionality** 95% Value 95% Overall 96% Rating \*\*\*\*

ormally model manufacturer's base their releases on either the OEM's latest or important historical tractor or machine. This is not the case with ROS's new V8 pivot steer loader. Since ROS began developing the model Yanmar bought Schäffer, the German telehandler manufacturer, and dropped it from its range. Although dropped from Yanmar's range this should not put anyone off buying ROS's model. It's a

great model.

Mostly diecast, including the bucket, the model's beautifully engineered with good detail levels and many working features. Unlike many loader models the linkage to hold the bucket angle as the boom lifts and lowers works. Fully raised the loader lifts the attachment pivot to 83 mm (equivalent to 2.7m). ROS has piped all the rams including the pipe work for the attachment release ram. The bucket on the model does not detach but it's

only secured by one pin and thus should be easy to remove if needed.

There's a piped steering ram at the main pivot and the ram gives the loader a realistic turning circle. Even the propeller shaft that connects the front and rear axles changes its length as the loader steers.

The cab door opens and gives good access to the cab's interior.

Moulded in black plastic other than the steering wheel spokes it's well detailed with both foot

pedals and operating levers provided. On the cab exterior there are painted work lights and driving mirrors with reflective surfaces.

Behind the cab there's a hinged engine cover. Lifting it reveals a black engine with basic detailing and a silver radiator. There's not a support for the cover and this might be needed after lifting the cover several times.

www.ros-srl.it









One32

## **FARM TOYS & MODELS**

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JOHN DEERE 6210R

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LEMKEN VEGA 12 5000







CLAAS LEXION 760 TRACKED

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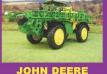
860 FORAGER



KRONE BIG X 850



FENDT 1050 VARIO 4WD



JOHN DEERE R4040



CLAAS AXION 950 4WD



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CASE IH
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CLAAS TRACKED 770 LEXION



DEUTZ FAHR 7230TTV



JOHN DEERE 6210R 4WD



MF 8680 DYNA-VT



**CLAAS XERION** 5000



RADIO CONTROL CLAAS 850



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#### **DIECI AGRI PIVOT T90 PLUS TELEHANDLER**



Photo: Dieci





ieci S.r.I, Italy, produced its first telescopic handler in 1983 and now offers a ranges of Telescopic and Roto telehandlers for Agriculture, Construction and Industry. Its Agri Pivot telehandler series currently comprises six models ranging from the T40 powered by a 37.3 kW engine with 4.0m lift height and 1,250 kg lift capacity to the flagship T90. Powered by a 118 kW engine the T90 has a two-stage telescope arm with a 5.8 metre lift height and 2,250 kg capacity.

ROS has based its model on the new the T90 Plus telehandler which Dieci has planned for 2018. The T90 Plus telehandler's powered by a 129 kW four-cylinder FPT Stage IV diesel engine and has the VS EVO2 hydrostatic transmission. This offers four driving models, ie normal, eco, loader and creeper, and a top speed of 40 km/hr. It also has a three-stage telescope arm giving it a maximum lift height of 7.0 metres.

Well finished and built the model has however more plastic

parts than ROS's Yanmar V8 wheeled loader reviewed elsewhere in this issue. It's supplied with a grain bucket and a grain bucket with grab. Both use a common plastic bucket. The only difference

ROS 1:32nd Scale

being the two operating rams on the attachment with the grab. Swapping buckets involves pushing out one pin and then the bucket lifts off the mounting frame.

On the review model the ram







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and linkage that tilts the attachment was a little stiff and limited the bucket movement. However the telescopic arm operated smoothly on its rams. Fully extended the bucket underside lifts to a maximum height of 238 mm. All the rams are fully piped and ROS has also detailed the pipe work for the attachment. Behind the right-hand front-wheel mudguard there's also a red safety support detailed.

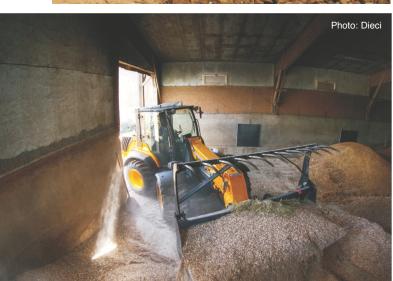
The cab's provided with a realistically sized windscreen

wiper, driving mirrors and access steps. Both cab doors open and there's a well laid out cab interior. It has black patterned floor matting, light blue driver's seat and light grey panelling. To the right of the driver's there's a joystick and instrumentation panel with dials detailed. ROS has also the detailed the operating levels on the steering column and foot pedals.

A hinged cover provides access to the engine. Unlike some models the engine's made from several parts with auxiliary parts also painted in different colours.
The cover however lacks a
support to hold it open and on
the review model caught the
exhaust making it difficult to close.

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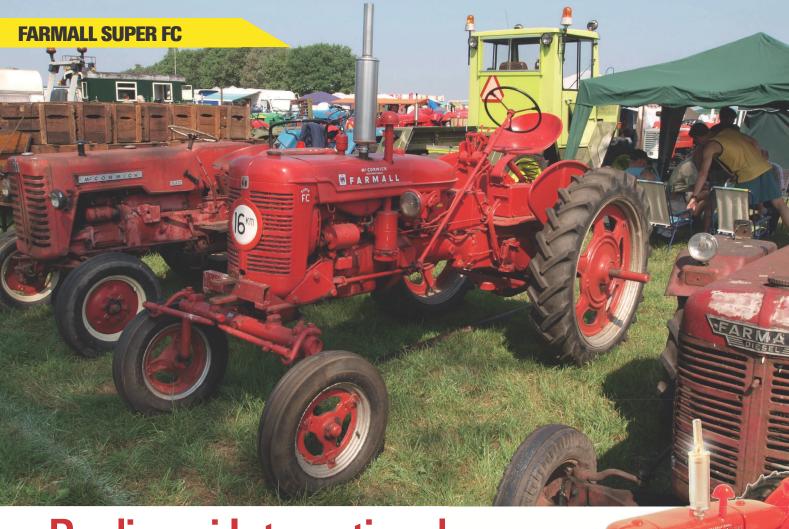






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## Replicagri International Farmall Super FC Right: Given this magnetic and 20 hp row crop to model is small, ver

Replicagri 1:32 Scale

eplicagri have developed an excellent reputation for producing quality, and accurate well finished 1/32nd scale models of European built International tractors largely

from the 70s and 80s, that offer

great value for money too.

Right: Given this model depicts a 20hp row crop tractor, the

> For their most recent release they have gone back in time to the '50s to produce the French built International Super FC. The European version of the Farmall Super C.

The tractor was built between 1951 and 1957 at the company's Saint Dizier site in France and was available in three other variations relative to types of fuel they could be used with. These were the Super FC-C, FC-D, and FC-E powered by 4 cylinder petrol, diesel, or TVO International engine.

Given this model depicts a 20hp row crop tractor, the model is small, very small. At a glance it appears to be a very good representation of the real deal. The spoke front and rear wheels just ooze Farmall, and look good, all though detail is drastically lost in the adjustable front examples. The front axle whilst delicate moves freely, and doesn't

suffer from being made with any imposing, and out of scale parts to spoil the look of the model.

The bonnet graphics whilst almost requiring a magnifying glass to read, are clear, and match up well with the real tractor. Paint finish across the bonnet and main engine casting look glossy, whilst the rest of the key engine parts are picked out in plastic.

Moving to the operator's platform all of the major features from the pedals, steering column to the seating arrangement are all present and correct in plastic. The steering column in particular is very delicate, and should be avoided as a place



Verdict	
Model	Farmall Super FC
The Good	Great 1/32nd scale representation of a smaller Farmall
The Not so Good	Value for money
Price	£38.00
Model Detail	90%
Model Accuracy	95%
<b>Build Quality</b>	90%
Functionality	80%
Value	80%
Overall	87%
Rating	***

to move the model. But Replicagri should be highly commended for putting the needs of the discerning collector over and above producing a durable "play thing."

The rear of the tractor remains relatively bare, but accurate, with the continental

style rear belt pulley, PTO drive and drawbar. The wheels and tyres move freely, but the overall silver paint finish around the edge of the rims was poor on my example.

The best word to describe this model is cute. The model is a very good representation of the baby Farmall, but just like me most will look at this model's size and question the £38 price tag which i'm not entirely sure it justifies. Still an absolute must for those interested in International tractors from this particular era.



**Right:** Moving to the operator's platform all of the major features from the pedals, steering column to the seating arrangement are all present and correct in plastic









Spec Cast 1:16 Scale



pec Cast are one of the most highly regarded and well established manufacturers of die cast collectables. Particularly in the larger scale of 1/16th One of their most recent releases in that size is their very fine representation



of one John Deere's iconic utility tractors from the mid 60's, the 2020. In 1965 John Deere launched two new small "New Generation" 20 series tractors called

series tractors called the 1020, and 2020 built at the company's Dubuque plant in Iowa.

Whilst the baby 1020 was fitted with a 3 cylinder motor, the slightly more muscular 2020 was equipped with either a 3 litre 4 cylinder petrol powered engine, or a slightly larger capacity diesel motor producing around 45hp.

The tractors were available in three different styles, low, regular, and high. There were also equipped

with closed centre hydraulics, and lower link sensing. The tractors would latterly be offered in Europe in a much revised format built at the company's Mannheim works. Production of the 1020 and 2020 lasted until late 1971 when the range was replaced with the 30 series.

Spec Cast have delivered both diesel and "Gas" powered 2020 models in 1/16th scale, and for the purpose of this review we shall be focusing on the low slung petrol propelled version. Almost immediately you can identify the iconic lines of John Deere's wasp wasted bonnet, and Spec Cast have achieved these wonderfully well, and

24

functionality too.

Verdict	
Model	JD 2020
The Good	Robust for the detail captured
The Not so Good	Some unrefined parts.
Price	£90.00
Model Detail	85%
Model Accuracy	95%
<b>Build Quality</b>	90%
Functionality	80%
Value	85%
Overall	87%
Rating	***



**Below:** Engine detail is accurate, whilst not quite up to precision quality standards. There are also no removable panels to inspect the power plant further.



disappointing aspect from this part of the model, pure because of the way the hard rubber cushions have been mounted to the frame, leaving two exposed and ever so slightly ugly glued fittings.

The rear three point linkage in keeping with the model is accurate but not massively detailed. However this lack of very fine detail can be overlooked as both link arms and top link move freely and would easily accept a 1/16th scale mounted implement comfortably even if they don't necessarily have the strength keep it lifted up. The rear of the casting also includes the PTO drive and a separate swinging drawbar.

The wheels on the model move very freely, and the hard rubber tyres with the slightly wider and

more open American style tread pattern really look the part. The rims are filled with plenty of clean and accurate detail but are very basic compared to the rest of the model.

Overall this is a very pleasing accurate model from Spec Cast, an absolute must for John Deere collectors with plenty of appeal for those interested in classic era tractors too. Whilst I wouldn't consider this to be a precision model I still feel there's plenty of value in the £90 price tag. The model is robust and very pleasing to look at, and doesn't pretend to be anything it isn't. Without doubt a jack-of-all-trades model, just like the real machine.

**25** 

accurately in proportion with the rest of the tractor. The graphics are crisp and pin sharp too with the famous John Deere badge beautifully embossed on the front of the tractor.

The model's adjustable front axle is nicely detailed, offering a useful level of functionality too. The axle pivots realistically from a centre point with a decent level of travel, and thanks to the very neatly positioned linkage there is plenty of free movement from steering geometry which has been put together without

any over tightening of parts.

Engine detail is accurate, whilst not quite up to precision quality standards. There are also no removable panels to inspect the power plant further. Moving down to the operators platform all except the very smallest of details are made from die cast metal, items such as the transmission levers, pedals, and work lights are all made from durable plastic. Whilst all of the controls appear to be to scale the seat is perhaps the most



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Harvester

Universal Hobbies 1:32 Scale

**Right:** At a glance this is a fine looking model, very well finished with glossy paint work and Taarup's eye catching period graphics aswell as operational and warning decals.



ith the vast influx of classic era tractors now available from the majority of the major model manufacturers many collectors have been crying out for a selection of age appropriate implements to match up with the tractors, whether

they be for cabinet display situated in a realistic period diorama.

Outside of premium custom built models there has been very little choice in the past few years.

However Universal Hobbies have created plenty of excitement for fans of grassland equipment with the release of this fantastic Taarup DM1350 rotary flail forager. This particular implement was originally developed and sold by Taarup of Denmark long they became part of the Norwegian Kverneland Group, and suitable for tractors around 60 to 80hp.

At a glance this is a fine looking model, very well finished with glossy paint work and Taarup's eye catching period graphics aswell as operational and warning decals. The rotor housing, and main beams of for transport and working positions are in diecast metal, whilst the rotor

guard, spout, and other smaller details are constructed of durable plastic. The wheels on the implement look very realistic, and the rubber tyres are blessed with a very accurate tread pattern.

In terms of functionality there are a number moving details including the hidden away rotor, whilst the main shoot and directional spout also move realistically. Moving across, the PTO drive and drive belt exist separately but are locked in place on the model. The transport and working arrangement is held together by a variety of small screws which are barely noticeable, a positive thing on a display model such as this.

Interestingly Universal Hobbies



Verdict	
Model	Taarup 1350
The Good	Eyecatching clas- sic era model
The Not so Good	Awkward hitch
Price	£27.00
Model Detail	95%
Model Accuracy	95%
<b>Build Quality</b>	90%
Functionality	90%
Value	95%
Overall	93%
Rating	****





have chose to keep the forager locked in it's offset working position, but anyone adept enough, and with a clear appreciation of the real machine could carefully release the necessary screws and PTO drive to swing the forager behind the tractor and into it's transport position. The implement also comes supplied with two types of hitch. The one that is fitted to the model is the typical Britains style lugged hitch which fits comfortabley on the back of the majority of Universal Hobbies two point rear linkages. Having tested on similar Britains rear arms it's very difficult fit the forager successfully without taking a file to the rear bars. However if you would like to



Left: The implement also comes supplied with two types of hitch. The one that is fitted to the model is the typical Britains style lugged hitch which fits comfortabley on the back of the majority of Universal Hobbies two point rear linkages.

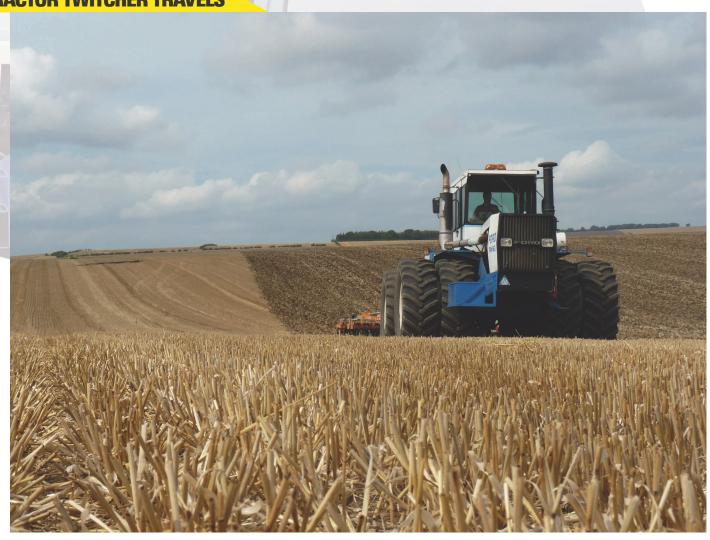


display the model in a more realistic manner an alternative headstock allows you to fit the model to an appropriate tractor fitted with a proper 3 point hitch. There's even a set of instructions to show you how unscrew the original and fit the latter example complete with pins to hold it in place, and separate PTO shaft to attach to the tractor.

At £27 this model is a steal, it looks great, comes in a very smart Taarup liveried box, and has enough functionality for it work well in a diorama, and equally take pride of place behind a tractor in the cabinet too. Well done Universal Hobbies.



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## "THE TRACTOR TWITCHER'S TRAVELS" FOI

Well known farm machinery photographer, collector, and Model Farmer contributor David Laley delves into his photographic archives, and recounts the introduction of Ford's Steiger based FW articulated tractors to the UK.



The fabulous Ford FW60 drilling Oil Seed Rape. This example was rebuilt and refurbished by articulated tractor specialist, Amtrac, and kicks out a healthy 400hp.



Head on shot of the FW60 powering down the field with it's "King of the Castle views from the cab.



Robert Welch's 295hp Ford FW30 in action at the Big Ford Tractor Working Day last vear



The FW30 working in sticky conditions with this Simba subsoiler in Wiltshire.



Normally aspirated 320HP Ford FW60 discing land for maize last year.



Jamie Clark aboard his Ford FW60, working hard with this set of Kuhn Discover XM

## RD FW ARTICULATED TRACTORS

fascinates me more than any other working tractor in the UK it's the prairie eating bendin-the-middle power houses that arrived from the States and Canada in the late '70s and early '80s.

As a youngster growing up in '80s North Yorkshire the biggest

f there is one type of tractor that tractors I can recall looking up to and seeing on local farms, were the big bruisers of the rigid tractor world. Ford's TW35, John Deere's 4650, International's 5288, and even Fendt's ultra rare and expensive 626 were all tractors I marvelled at seeing pass by my peripheral vision as a giddy 5 year old. However even those options on the home market they felt

magnificent monsters were made to look like caravans when parked alongside the cathedral like stature of their prairie prowling big brothers.

Many of the UK's largest and most progressive arable farms back in the early '80s were hankering after more horse power, and with limited

that most efficient way of cultivating their land and establishing their crops would be to use articulated tractors imported from across the pond.

Offchurch Tractors near Leamington Spa were the first to make the most of this new found quest for power when they began importing Series 3 Steiger



Jamie's FW60 handling the Kuhn discs with ease. This tractor currently undergoing a full rebuild, and will be returned to it's original turbo charged state



Another shot of Jamie's FW60 in action at Festival of the Plough last Autumn. A much larger Dowdeswell DP2 plough has now been asquired for the tractor.



Lincs plant hire contractor Andrew Spence runs this smart FW60 Automatic on his farm for cultivating and subsoiling.

tractors from the States. The multinationals weren't far behind in seeking extra sales from these big tractors in the UK, with John Deere, Massey Ferguson, and International all adding prairie monsters only previously sold in their native habitat to their portfolios.

Ford entered the race in 1977, when they agreed a joint venture with cases preference of operating Steiger to market a four model range designated the FW series. The baby FW20 used a 210hp Cummins V8 V-555, whilst the more powerful FW30, FW40, and FW60 were powered by Cummins larger capacity

In order to meet with the UK's strict highways legislation the FW tractors were sent to S.E.M (South Essex Motors ) to be homologated for use on British roads. Modifications were made to the braking and lighting, whilst the tractors rear linkages were also heavily strengthened to meet the demands, and many mounted equipment with them.

In 1984 the FW received a facelift to match Steiger's updated Series 4 tractors back over in the States. With sales beginning to slow, and with the demand for these tractors



Simba Mono cultivator provides Andrew Spence's FW60 Automatic with a useful load.



This wonderful X plate Ford FW60 is the prime mover at Hartwell Park Farm in Northamptonshire



Hartwell Park Farm's immaculate FW60 discing towards the end of last year's Summer

V8 V-903. The latter model, turbo charged to a range topping 335hp.

Ford introduced the FW30 from the range to the UK market in 1978, and cleverly chose to manipulate the tractor's fuel pump to produce the same 295hp the FW40 pushed out, making the tractor a much more cost effective, and saleable option in the UK. To meet further demand the larger FW60 was introduced to UK farmers in 1980.

on the wain, Ford only offered the 325hp FW60 in the UK, and the tractors were never sold in the Ford livery across the pond either. The tractor was equipped with in line 6 cylinder Cummins motor and a 20 speed manual transmission, latterly a 10 speed Allison power shift unit became a much more favourable option from 1985.

In 1986 Case IH acquired the Steiger company, effectively



Philip Weston at the controls of the FW60, making short work of incorporating Oil Seed Rape stubble.

bringing FW production to an end. Ford would latterly purchase the Versatile high horsepower tractor line and market those tractors under the Ford banner from 1987.

In 2012 I was lucky enough to photograph my first Ford FW60 Automatic working up and down the rolling slopes of the Yorkshire Wolds, and since then I have had many more chances to capture an amazing array of articulated tractors working

all across the country. A number of these opportunities came last year whilst I was working for one of the country's leading farm machinery photography and videographer's, Farming Photography.co.uk where the tractors were filmed for Articulated Farming UK, a series of DVDs i'm assisting with, and helping research. I think it's now time to see some of the fabulous FWs that are lurking in my archives.



A tractor I had the pleasure of driving last whilst filming for Farming Photography. co.uk was this fully rebuilt Ford FW60 Automatic working in Lancashire.



This particular FW60 was another tractor given a nut and bolt refurbishment by Amtrac at Bedale. The tractor's Cummins motor now pumping out an impressive 420hp.



The refurbished Ford FW60 Automatic making easy work of pulling this Sumo Quatro cultivator.



Ford FW30 tractors belonging to cable laying contractor FB Taylor on the move at Newby Hall in 2015.



The author's own fleet of miniature FW monsters.

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## Lego Technic Claas Xer



The huge tyres are a new item and look great

ego Technic have released another branded set, this time from CLAAS, an agricultural equipment manufacturer with the release of the Xerion 5000 Trac VC tractor which is motorised and offers some very interesting engineering and functionality. As usual, there is a B model that can be built, but for this set; the tractor remains the same with the attachment changing from

a log grab to a silage plow. The 340 page manual consists of 422 build steps for the tractor and a further 148 build steps for the log grab with a total of 1977 parts contained in plastic bags, numbered 1 for the tractor and 2 for the log grab. Instructions for the B model are found online on the Lego website.

The chassis of the tractor contains the main motor and gearing, transferring the motor power to both the front and rear via the PTO shaft and this rotates constantly when the power is switched on. The motor is responsible for operating the rotating cabin and any implements which are connected to the tractor, with switches located on the side of the model activating the cab movement and power switch on the battery box. Height adjustable hitch points are built into both ends of the chassis,

allowing implements to be connected at either end with adjustment made by rotating the thumb wheel to extend or retract the piston.

The bonnet covering the engine compartment can be raised to reveal the location of the battery box and there is a hinged bar that keeps it raised. At the rear of the tractor, a very clever steering system has been designed to offer three different

The contours of the bonnet have been captured very closely

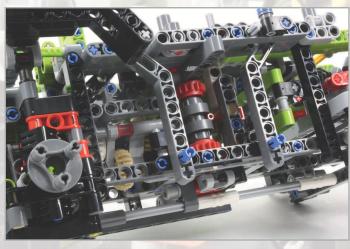




can be set in one of three positions, in the centre position, the rear axle is locked and only the front axle moves, in the left hand position, both the front and rear axles turn in opposite directions giving a tighter turning radius and in the right hand position, the wheels steer in the same direction, known as crab steering. This has been achieved with a sliding component which alters

Philip Weston at the controls of the FW60, making short work of incorporating Oil Seed Rape stubble





The selection gearing at the heart of the chassis

the cabin so that the driver has a good view of the surroundings, no matter which direction the machine is moving and this has been implemented on the model. It is a powered function but can also be operated by hand, with a wheel below the cabin frame causing it to rise as it begins turning to clear the rear mudguards as it rotates round before lowering back down

in the new position. Reversing the switch causes the cab to rotate in the opposite direction. The cabin itself is a rather fiddly build which all comes together towards the end with an interior consisting of the seat and steering wheel along with a computer display. The use of coloured parts and the various printed stickers gives the end result an air of realism.

The main implement of the set

## ion 5000 Trac VC

The battery box switch is controlled from the lever on the side of the chassis



The rear mudguards ready for fitting

models of steering, all of which are operated by the black thumb gear behind the cabin. A selector switch the steering linkage on the rear axle. One of the unique abilities of the Xerion is the ability to rotate

The main chassis of the tractor is an impressive and compact build





Model Farmer May / June 2017



ower switch and cabin rotation selector switch

is a log grab which uses motorised power to operate the rotation and height movement while the boom extension and the opening and closing of the grab are done manually by rotating the gears. The

of the assembly has two levers to control left & right rotation and up & down movement of the main arm.

The parts also make a counterweight frame which connects to the opposite end of the tractor



With the supports raised, the log grab is fairly heavy and is better fitted to the rear of the tractor



Rear selector to control the steering modes

implement has a locking system which connects to either end of the tractor and a universal joint connects it to the PTO. Manually operated stabilisers keep the grab stable and the gearbox at the heart

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to keep it balanced. This too has a sliding set of pins which connect with the coupling, locking it in place although the individual plates are just inserted on poles and tipping the model over results in them falling off.

The rear axle has a sliding mechanism connected to the steering linkage



The B-model for the Xerion is a silage plow implement which is also motorised to fold and unfold the wings of the plow while a manually operated piston changes the angle of the plow. Height adjustment is made by lowering and raising the tractor's linkage. A number of stickers

are included which really enhance the final appearance of the tractor, including warning marker boards, lights, CLAAS logos and the Xerion name. The only new Lego parts in the set are the impressive tyres which have a treaded pattern which matches that of the real tractor.

The front counterweight clips onto the tractor's linkage with four stacked plates





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The log grab has manually adjusted outriggers, telescopic arm extension and grab operation

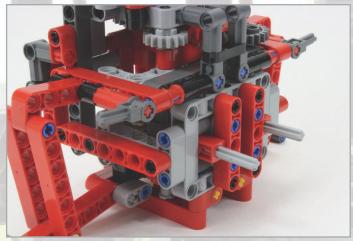
In conclusion, the tractor is a superb build with plenty of clever engineering and functionality. The addition of the log grab is a little strange, as a more recognisable agricultural implement may have been a better choice, like a mower or plough. It will be interesting to see if another CLAAS model set will be produced in the future, either of a new tractor or harvester, or maybe a functional baler or other

equipment which can be used on the Xerion 5000 Trac VC.



The selection lever gearing controls the folding wings while the manually operated thumb gear controls the angle adjustment





The gearing inside the frame includes two selection levers controlling the movement of the arm and the rotation



The log grab arm can be raised and rotated through 360 degrees



The B-model is a silage plow which is made from the log grab and counterweight parts





### SPALDING SPRING MODEL TF

t was back to Springfields Exhibition Centre in Spalding, South Lincolnshire on April 2nd for the first instalment of Colin Boor's Model Tractor Show. The event was celebrating it's 30th anniversary, and with traders from all across the UK, aswell as mainland Europe, business seemed to be booming, and the show was visibly much busier than on previous occasions in recent years. There was also a fabulous array of layouts on display in a wide variety of scales encompassing many different eras.

Above: Impressive array of articulated conversions accurately representing the full size rebuilds by Amtrac of Bedale.

Below: Customised Imber models Ford 8970 hauling potatoes on Reg Gray's fine display.

In terms of new model releases given the unusually glorious April weather it's a wonder that the frosty flakes hadn't melted from Universal Hobbies limited edition Snow covered Massey Ferguson 3090! Harvest highlights included Replicagri's recently released Claas Dominator 98 whilst those wanting



something a little more modern to harvest their 1/32nd cereals with this Summer could also choose the very latest Claas Tucano 570 from USK Scale Models.

There were some fabulous custom promising looking prototype foward

Above: Fine pair of John Deere conversions spotted in Paul Iles clear out sale

built models on offer, Martyn Reeve's Ford 7810 with push / pull reversible ploughs being the highlight for many blue fans, whilst Niels Anchelon had brought over PLM Farm Models superb Massey Ferguson 2645 and 2725 Electronic custom conversions. Perennial custom builder Paul Capon had a very

control JCB Fastrac 4220 whilst Dave Towse was showing off his fine Muir Hill 121 Series 3 tractors.

As always there was fine array of second hand models with traders such as Cenfyn Davies, Daniel Baggott, and Malcolm Peagram all with a high quality assortment of unboxed, and boxed Britains models.

The Autumn Spalding Model Tractor Show takes place on Sunday October 1st at





**Above:** Superb Grimme potato harvesting rig based around a Britains Massey Ferguson 7718 on Reg Gray's layout.



Left: Wonderful 1/43rd scale Fiat 70C crawler attached to this fully scratch built Crawford plough. These ploughs were especially constructed for use with crawler tractors by Crawfords of Frithville, near Boston.





Above: Fine fleet of modern New Holland tractors lined up in this realistic dealership display.

Left: Amazing fully customised 1/64 diorama depicting Spudnik potato harvesting equipment working in the States.

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## RACTOR SHOW APRIL 2017



**Above:** McHale Fusion 2, and Vario models expertly customised by Dutch model specialists Minitrac Customs.

**Below:** Barry and June Burrell's wonderful 1/43rd harvesting scene with what appears to be a superb Caterpillar D7 crawler working in the foreground.



Below: Paul Capon's fantastic prototype forward control JCB Fastrac 4220, making it's debut at the show.

Below Left: Beautifully weathered, and dirtied John Deere 9560RT on Muddy Farm Models fine stand.

Left: Dave Towse's impressive custom built John Deere 8400, based largely around the Schuco John Deere 7810.







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**Above:** Cenfyn ( Ken ) Davies was offering his usual selection of superb custom builds including his Doe 150 and 130 tractors.

Above: Wonderful array of unboxed Britains tractors on Daniel Baggot's fine stand.

**Below:** Nigel Ford ever present with his Scaledown model tractor kits stand had this eye catching set of Bray tractors lined up together.





**Above:** Peter Hardy has turned is painting skills to recreate this amazing Red Bull liveried New Holland T7.315HD based on the stand MarGe Models version.



**Above:** RJN Classics had their full range of 1/16th scale classic era tractors available at the show including this fine line up of chocolate and white David Brown tractors.



**Above:** Niels Anchelon had PLM Farm Models range of superb custom built Massey Ferguson 2005 series tractors for sale.

**Below:** Model Farmer magazine were displaying prototypes of their forthcoming black and gold limited edition Ford 7810 tractors from Universal Hobbies. DEERE



**Above:** Three Oaks Farm Models once again had their impressive range of hand built trailers on offer at Springfields.





Above: Fine array of older boxed models from the likes of Chad Valley on Malcolm Peagram's stand.



**Above:** Claas Axion 850 doing a spot of Spring Ploughing at Springfields.



### **TRACTORWORLD SPRING 2017**



**Above:** The Tractor World Auction held on the Saturday of the show always draws in some very smart tractors including this David Brown 900.

ractor World, the first of the major vintage and classic tractor show of 2017 took place on 25 – 26 of February. The show is fast becoming the Mecca for many thousands of eager and enthusiastic tractor fans to descend upon at the idyllic and incredibly

scenic Three Counties Showground, set against the Malvern Hills. Every year the show becomes bigger and the wow factor is turned up several more notches. 2017 was no exception, with a magnificent array of vintage and classic tractors all nearly lined up within their respective

manufacturers, and clubs in the halls encompassing the showground. Saturday's traditional tractor auction held by H J Pugh once again pulled in a vast ocean of prospective buyers keen to bang their bucks on "Scrapheap Challenge" or a cherished classic. Highlights from



**Above:** Stunning Fordson Major equipped with JCB loader and backhoe in the Tractor World sale. **Below:** Immaculate Massey Ferguson 1200 articulated tractor that made £7300.



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Right: My personal favourite tractor entered into the sale was this very tidy

gaze of the hypnotised onlookers. Classic enthusiasts were treat to the fabulous sight of Stephen Blackwell's immaculate International 3588 Snoopy, whilst sat just behind this was Imbert May's rare four wheel steer International 4166. Tim Pearman brought his fleet of Series 3 Muir Hill tractors along for everyone

Ford 8630 power shift.



left in awe at a beautifully restored 1174. Arguabley the stand out tractor on display at the show just had to be Dylan Davies's absolutely stunning prize winning David Brown 1412.

to marvel at, whilst County fans were Vintage fans were not to be left out with a very fine Moline Universal and wonderful original Irish Fordson fitted with Trackson tracks that was saved from the scrap yard.

Tractor World is more than just a



Above: Immaculate and rare John Deere 1030 LS brightening up another of the halls at Tractor World.



Above: Dylan Davies' absolutely breath taking David Brown 1412. A deserving prize winner at the show



Above: Stephen Blackwell's magnificent International 3588 "Snoopy," one of the biggest stars of the show.

Right: Tim Pearman's very fine line up of Series 3 Muir Hill tractors adding to the Wow factor of the show.





**Above:** Harold Powlton's wonderful display of custom built County models on display at the show. **Right** Harold Powlton's superbly detailed 1/43rd silaging scene with Massey Ferguson and County tractors.



**Above:** Massey Ferguson Activa combine harvester hard at work harvesting at Tractor World.. **Below:** Universal Hobbies Massey Ferguson 3080 knocking down a bit of grass at Tractor World.









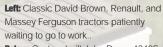
Above Left: Amazing array of Tonka toys on display.. Left: Another of Harold Powlton's fine customised County tractors was this 1454. Above: Gary Marsh's very special custom built John Deere 3350 celebrating he and his wife's silver wedding anniversary.











**Below:** Custom built John Deere 4240S waiting patiently for it's operator to return.



Left: Time for this Claas Dominator combine to receive it's service in readiness for this year's harvest..

Below: Spring drilling taking place.

**Below:** Spring drilling taking place in classic scene..





**Right:** Classic era Fendt tractors getting down and dirty on umbilical slurry spreading duties at Tractor World.



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**Left:** Flat out in the yard with maintenance taking place on another pair of Fendt tractors.

**Below:** Fendt and John Deere tractors busy leading wrapped silage bales home on another fine display at Tractor World.



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# Model Rarities: S.A.C.A



Technical information listed on the box.

his issue we look to Spain and a model which some may find very familiar to an example perhaps already in the collection. The Saca International S-432.

In terms of rarity, this meets almost all of our conditions for such a definition. It was produced in the 1960's as a promotional model for SACA, supplied in a bright cardboard box. There is indication

of the maker on the bottom of the tractor but it is obviously based on the McCormick B250 from Lesney / Matchbox. In terms of the maker, there is a suggestion that C.M. Marés could be behind the production or distribution of the SACA tractor but this cannot be confirmed.

As there are no records, rather than an official version from Matchbox, we can assume that a diecast factory in Spain probably

utilised the existing toy as a template shops hence its rarity today. to directly copy it. Copying an existing model is not as straight forward as it seems though and you can see clues in the model here that there are subtle differences between the SACA tractor and the Matchbox one, including the addition of rear lights.

In view of the unbranded manufacturer packaging and presentation, it is likely the toy was only distributed amongst Saca dealers and not via toy

The real Saca International was licensed in Seville in the agricultural area of Andalusia. The S-432 is based on the B-275 and was built from 1960 to 1966. Later, an International BWD 6 was also rebuilt. It was a partially subsidized project aimed at combating unemployment and the needy agriculture in the area providing users with affordable machines to use on the farms and fields.

Note the addition of rear fender lights as opposed to none on the matchbox item.





# International S-432



The model is almost identical to the Matchbox IH B250 tractor.



C.M. Mares is printed on the bottom of the tractor.





Model Farmer May / June 2017

#### **YOUR LETTERS, REVIEWS AND DRAWINGS**

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### Draw or Send in a Picture and get it Published!

This issue we feature pictures from Thomas Allen, Jason Allen and Ryan Benney. Thanks for all your efforts!



Drawn by Thomas Allen, Age 11



#### Reader's Diorama

Dear Model Farmer,

I subscribe to your magazine and I'm most interested in the diorama layout articles, so I'm hoping other subscribers will enjoy looking at my diorama, hopefully my photo's and supporting information will encourage more diorama articles or photos to get published, even if they are work in progress and not fully completed like mine.

Jason Shenton (Editors Note, Jason, your full diorama will be featured in our next issue)





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Rep174 1/32 Replicagri Farmall Super FC 1953



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1/32 Wiking Claas Jaguar 860 Rickerby 2017 Spring Show



1/32 Replicagri Claas Dominator 98s Combine - Dealer Box



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