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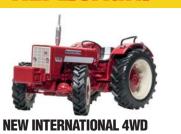


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Model Development - Warner Hall Interviews and Shows - Bill Cruickshank Farm Literature Editor- Colm Rvan

Figures and Buildings - Sue Leake and Mandy Wilson

Historic Models - E Bryan Model Building - Sean Pullen

Other Contributors - Robin Ketley, Paul Palmer, Austin James

Cover Art - Harry Bell - www.harrybell.co.uk

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Advertising Sales

Sally Ebbage Tel: +44 (01406) 424681

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Publisher Information

IGP LTD Tel: +44 (01406) 424681

Email: info@igp-ltd.com

Managing Director

Andy Ebbage Tel: +44 (01406) 424681 Email: andy.ebbage@igp-ltd.com

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Krone BiG X 580 Forage Harvester





SIKU 1:32nd Scale



or any collector looking for a 1/32 scale self- propelled forage harvester there has never been a better time to buy. There's a wide choice after the number of new models released in the last twelve months. However carpet farmers have been less well served making Siku's new Krone BiG X 580 harvester a welcome release. The BiG X 580, powered by a six-cylinder 430 kW (585 hp) engine is the larger of the two harvesters Krone makes for the popular lower-powered harvester

Siku's harvester has been provided with the 7.5 m wide EasyCollect maize attachment. Moulded in plastic the attachment folds for transport and has folding crop guards. It's the only attachment provided but it uses Siku's standard mounting points. Therefore Siku's other attachments should fit for those wanting an alternative.

The harvester is well built and finished. There are not any rams supporting the feed unit, a plastic moulding, and a stop holds it in the raised position. It's strong enough to carry the maize attachment.

On the cab Siku has provided two realistic looking warning beacons and painted work lights. There's a realistically sized wind screen wiper on the front screen and the handrails are equipped



with driving mirrors and road warning signs. It's not possible to access the cab interior but inside it has been detailed with has steering wheel, seats and the main joystick. Siku has provided a female driver in green overalls.

Both the side and rear panels are hinged allowing them to be raised to give access to the engine and radiator. The harvester has Ackermann steered rear wheels and these are operated by the knob on the

panel over the engine bay. To pull a trailer there's a usable drawbar under the rear bumper.

Currently the model is available from Krone only but goes on general release in the autumn. The Krone model is supplied in special packaging and limited to 2000.

www.kroneukltd-merchandise. myshopify.com

Verdict	
Model	Krone BiG X 580 Forage Harvester
The Good	The inclusion of the driver.
The Not so Good	Attachment's plastic feel.
Price	around £60.00 (69.90 euros)
Model Detail	75%
Model Accuracy	80%
Build Quality	80%
Functionality	80%
Value	80%
Overall	79%
Rating	++++









David Brown 1412 Tractor

BRITAINS 1:32nd Scale

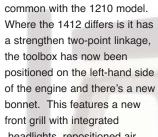


n 1972 Tenneco completed its purchase of David Brown tractors and three years later the firm launched the synchromesh David Brown Case 1410 and the semiautomatic Hydrashift 1412. These four-cylinder 91 hp tractors were David Brown's

first turbocharged tractors. They remained in production until the late 1970s.

Much as David Brown did to produce the 1412 tractor Britains has developed its 1210 tooling to create its new tractor. It has some parts, such as the engine, transmission, cab and wheels,

Where the 1412 differs is it has a strengthen two-point linkage, the toolbox has now been positioned on the left-hand side bonnet. This features a new front grill with integrated headlights, repositioned air









cleaner and 1412 decals.

Although Britains has dropped the steering ram on the 1412 tractor the axle is based on that used on the 1210. Strangely, although the tractor is two-wheel drive, Britains has also fitted it with the four-wheel drive propshaft. The front axle lets the model down and spoils the tractor's appearance. On the review model the build quality was also poor. The front axle Britains used on its David Brown 996 tractor was much better.

www.tomy.com



New Holland T7.315 Tractor



kW New Holland's two
Heavy-Duty T7 tractors
are designed for farmers
wanting a high-powered light
tractor that weight can be added
for heavy draught work.
Launched at Agritechnica 2015
New Holland has gradually been
introducing them to different
markets since the show. Britains'
model began hitting the shops in
August.

ated at 221 and 300

The model, as the real tractor, shares parts with the Case IH Optum tractor Britains launched

in November at Agritechnica. The metal chassis, front axle, tyres, mudguards and cab frame are common but to reflect the different styling adopted by the two brands Britains has either partly or completely retooled other parts. There are big differences between the models.

Britains has provided the T7.315 with a front weight. It cannot detached as Britains has dropped the quick release ends provide on the Optum with closed ended links on the T7.315. The weight is light and the linkage stiff

enough to carry it at any height. Britains also has finished the PTO guard in yellow. Like Britains' new David Brown tractor reviewed else in this issue the T7.315 has the new strengthen two-point rear linkage.

The T7.315 has a newly tooled New Holland style bonnet. Moulded in plastic it features painted headlights and paper decals. The radiator grills are matt black. Like the Optum the cab detaches but the New Holland cab has a different roof

panel with oval working lights. It also has New Holland styled sidelights and indicators. While on the inside it has extra handrails and different interior detailing. The access steps are also different. Britains has fitted the T7.315 with the same tyres as fitted on the Optum but it has different rims and rear wheel weights.

Build quality and finish for the New Holland T7.315 is similar to Britains' Case IH Optum tractor but overall with the front weight and rear wheel weights it looks a better model.

www.tomy.com

Verdict	
Model	New Holland T7.315 Tractor
The Good	Its detachable cab.
The Not so Good	Poor turning circle.
Price	£24.99
Model Detail	90%
Model Accuracy	90%
Build Quality	80%
Functionality	90%
Value	95%
Overall	89%
Rating	****





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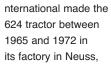
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International 624

Tractor



REPLICAGRI 1:32nd Scale



Germany. It was powered by a four-cylinder 3.4 litre developing 43 kW (58 hp) and available with either two or wheel drive. Replicagri released its first model of the tractor back in 2010. This had two-wheel drive and a cab. It followed this release in 2011 with a second model which had a driver instead of the cab. Now after a five-year interval Replicagri has introduced this four-wheel version with front weighs but not the driver or cab. Adding the four-wheel drive has transformed the model's appearance.

Largely die-cast the model is well built and detailed. The propshaft to the front axle has been provided down the left-hand side and there's a single steering ram. It provides the tractor with a realistic turning circle. Although the bonnet does not open the engine detail is visible down either side under the bonnet.

The driver's platform has a two-tone seat, battery, foot pedals, diff lock pedal, handbrake, gear levers and hydraulic levers. There are two dials in the black instrument panel behind the steering wheel. Replicagri has provided sidelights, tail lights and indicators on the mudguards. On the left-hand mudguard there's also a ploughing light and passenger

Replicagri has continued the good levels of detailing at the tractor's rear. It has a movable swinging drawbar, an adjustable European style drawbar and a linkage drawbar. A drawbar pin has been provided but some adjustment to the drawbars maybe necessary before attaching any trailed equipment. There's an adjustable top link and working lower links with quick hitch ends. The lower links are however not supported on rams and will not carry any implement fully raised.

www.replicagri.com



INTERNATIONAL

624



	Verdict	
	Model	International 624 Tractor
	The Good	The model's build quality and finish.
	The Not so Good	Lack of useable drawbar.
	Price	around £30.00
	Model Detail	100%
	Model Accuracy	100%
	Build Quality	100%
	Functionality	95%
	Value	100%
	Overall	99%
	Rating	****





Kubota M5-111









ubota will not launch its new M5 tier 4 compliant tractors in Europe until this autumn. However they have been available in North America since 2015. Powered by a four-cylinder turbocharged engine the M5 tractors are offered with two or four-wheel drive and ROPS or cab. Universal Hobbies' model has been based on the 111 hp tractor, the larger of the two M5 tractors.

Build quality on the M5-111 is similar to Universal Hobbies'

Kubota M7171 tractor Model Farmer review in the March/April 2016 issue. It's largely metal and has good levels of detailing. The main lights, side lights, indicators and rear lights are all glazed. There's engine detail visible at the bottom of the bonnet side panels and on the left-hand side of the engine a toolbox. The AdBlue cap is finished in blue.

The tractor has steerable front wheels but the bonnet, cab doors and rear window do not open. Inside the cab the interior has

been finished to a high standard with black patterned floor matting and dark grey passenger and driver's seats. There's an instrumentation panel behind the steering wheel and the armrest is detailed with monitor and operating controls. While on the exterior the cab has realistically sized wipers front and rear and two hinged driving mirrors.

On the rear Universal Hobbies has fitted its standard two-point linkage, provided the external hydraulic connection block and

a movable top link. Like all small tractors the two-point linkage size spoils the tractor's rear end appearance.

Universal Hobbies has also released the tractor with a front-loader and after the M5

series European launch it will be interesting to see if they release a model of the European tractor. Universal Hobbies has released both the European and North America versions of the M7 tractors.

www.creative-masters.co.uk

veraict	
Model	Kubota M5-111 Tractor
The Good	Finish & build quality.
The Not so Good	Lack of opening cab doors.
Price	£35.00
Model Detail	90%
Model Accuracy	90%
Build Quality	90%
Functionality	80%
Value	85%
Overall	87%
Rating	****









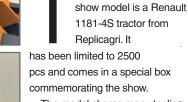
REPLICAGRI 1:32 scale

1181-4S (CHARTRES)

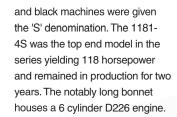


Left: There is good cab detail both inside and outside.

nis year's Chartres



The model shares many tooling similarities with Replicagri's earlier released Renault 981-4. If we look at the real machine, Renault in 1980 updated their colour scheme and to reflect this, the new orange





We'd perhaps expect a few follow up versions from Replicagri including a 2WD version in these orange and whilte colours.



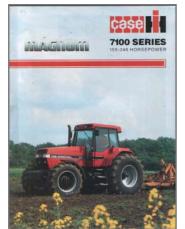
Verdict		
	Model	Renault 1181-4S
	The Good	Another lovely model from Rep- licagri
	The Not so Good	Finish not great in places.
	Price	Around £50.00
	Model Detail	95%
	Model Accuracy	90%
	Build Quality	85%
	Functionality	90%
	Value	80%
	Overall	88%
	Rating	***





CASE REPLICAGRI 1:32 scale

MAGNUM 7120



e think collectors may have sighed a little when news came of another Magnum from Replicagri. Like the Renault opposite, the French model makers are not shy of utilising tooling 180 horsepower. but interestingly, they have actually ventured backwards to the first series remained in production until 1993. of Magnum tractor. The 7100 series was born in 1987 and launched a year later. The 7120 had a 6 cylinder Perkins engine developing



The 7100 series

Replicagri's model here does have notable differences to its later 7200 series cousin. The rear fenders for starters have been correctly scaled back and are not as deep as the later version Magnum. Decals are revised and general colour schemes are as they should be on the early Magnum tractors.

The review model we have is well made and finished to a high standard. It's nicely presented on a plinth within the outer packaging. It was simple to remove some tape and the holding screw to remove the model.

The moving parts, particularly the wheels, run freely and the cab door opens. Inside the cab, detail is good as we expect with no notable flaws to report on the model.



Verdict	
Model	Magnum 7120
The Good	Another lovely model from Rep- licagri
The Not so Good	Price increase from previous models
Price	Around £50.00
Model Detail	95%
Model Accuracy	90%
Build Quality	85%
Functionality	90%
Value	80%
Overall	88%
Rating	****



BLACK BEAUTY



International 1455XL. The model quickly sold out and it was not long before additional variations of the tractor to match the 1455XL's natural development timeline were released. This included the transitional model based on the first version but with Case IH colours and then the iconic Case IH 1455XL with new front end.

The final version of the this model will be a special Black Beauty edition of the Case IH 1455XL. A number of black editions were produced by the factory but they are of course limited in number.

We received the review sample from UH and it is certainly a 'beauty' of a model. The black finish is as imposing as it gets with the crisp decals standing out. The model is based on a real example but variations in wheel colours on the real machines do occur.

This 1/16 scale machine is limited to 999pcs but has been restricted to

sales around the World. For example, only 250 pcs are for the UK and Ireland, 250 are for Europe, 250 for North America and the rest will go direct to Case IH. Model Farmer played a part in this project so has exclusive distribution of the model for 6 months.

proportional

It seems a fitting end to great model from UH but disappointing in that the likelihood of another classic tractor in this scale is somewhat slim.





MERCEDES-BENZ MB-TRAC 700K TRACTOR





Mercedes-Benz MB-trac 700K Tractor

WEISE-TOYS 1:32nd Scale

irroring Mercedes-Benz's Type 440
MB-trac development which began with the MB-trac 65/70 tractor launch weise-toys has now added these MB-trac 700Ks to its range.
One has been finished in bronze green and the other a camouflaged edition. Each has its own special packaging and limited to 500 pieces.

Like the MB-trac 900 tractor Model Farmer reviewed in the last issue weise-toys' has based its new MB-trac 700Ks on its MB-trac 65/70 tractor. However they have a fully enclosed cab like the MB-trac 900 and the later style bonnet. The wheels are from the Unimog 406.

As with all weise-toys' models the MB-trac 700Ks are beautifully engineered and finished. Other than their colour scheme and number plates the MB-trac 700K's are the same. Both tractors are equipped with the frame for the front linkage but not the links. Mounted on the frame are glazed headlights and two hydraulic connectors. There's a ribbed radiator grill on the bonnet and behind the side panels the engine detail is visible.

The cab has a flexible aerial, warning beacon and driving mirrors. Both doors open and the cab interior is well laid out. It has patterned flooring, driver and passenger seats, gear levers, operating levers and detailed

instrument panel behind the steering wheel.

At the rear weise-toys has provided its standard two-point linkage for attaching mounted implements. There's not a drawbar on the tractor but weise-toys has supplied a bar for the linkage for attaching trailers. The top link length is adjustable and the PTO cover and hydraulic connectors are detailed.

Good detailing continues on the underside where the drive shafts and axles are detailed. The front axle has twin steering rams and these give the front wheels a good steering angle. Tyres have Continental branding.

www.weise-toys.de





Verdict	
Model	Mercedes-Benz MB-trac 700K Tractor
The Good	Cab interior detail levels.
The Not so Good	Nothing to mention.
Price	around £60 each (69.90 euros)
Model Detail	100%
Model Accuracy	100%
Build Quality	100%
Functionality	100%
Value	95%
Overall	99%
Rating	****













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Renault 851-4 Tractor



t the beginning of last year Replicagri launched its two-wheel drive, four-cylinder 75 hp Renault 751. The firm quickly followed it with the four-wheel drive, six-cylinder 89 hp Renault 981 tractor and has recently added this Renault 851-4 tractor.





Fitting between the 751 and 981 tractors Renault produced the four-cylinder 85 hp powered tractor between 1974 and 1980.

Largely metal Replicagri's model is a well-engineered and smart-looking tractor. It has detail levels similar to those found on more expensive models. The tractor has been equipped with a four block front weight and a smart front axle. It gives the tractor a realistic turning circle. On the engine items such as filters and manifolds are painted in different colours.

The cab has realistically sized windscreen wiper on the front screen, sidelights,

indicator and a single driving mirror on the left-hand cab B-post. It seems strange to put a mirror on the B-post but it is the positioned Renault used. There are

sensibly sized handles on the cab doors and both open to give good access to the cab interior. The rear window does not however open. Inside the flooring and driver's seat are finished in black. Replicagri has also provided foot pedals, gear levers, hydraulic levers and hand throttle. Two dials are detailed behind the steering wheel in the instrument panel.

At the rear Replicagri has provided a small pin for attaching trailed equipment and working links. The links are supported on twin rams. If there is any criticism of the tractor's look it is the lower



links are a little oversized.

www.replicagri.com



	Verdict	
THE STATE OF THE S	Model	Renault 851-4 Tractor
	The Good	The model's build quality and finish.
	The Not so Good	Perhaps the slightly over sized lower links.
	Price	around £32.00
	Model Detail	100%
	Model Accuracy	100%
	Build Quality	100%
	Functionality	95%
	Value	100%
	Overall	99%
	Rating	****



Kubota
1:32nd Scale

RTV-X1120D Utility Vehicle

n North America Kubota has been offering a range of Utility Vehicles since the early 00's and launched the RTVX series in 2013. Powered by a three-cylinder liquid-cooled Kubota engine these four-wheel drive utility vehicles have a variable hydro transmission. There are three RTVX series vehicles and for its model Universal Hobbies has chosen the mid-range RTV-X1120D. This has a 24.8 hp diesel engine, hydrostatic power steering and a top speed of 29 mph.

Well-built and finished the

model like the real vehicle has blue-tinted glazed headlights and silver wheel rims. Although the half doors do not open the driver's platform is easily accessible and laid out well. Both driver and passenger's seats have textured seating and behind the steering wheel, positioned on the left-hand side, an instrumental panel with operating levels. There's a screen behind the seats.

Raising the cargo platform reveals the engine and transmission which has been finished in silver. A fuel tank sits

on the right-hand side behind the roll-over frame. The cargo platform lifts on a single ram and has an opening tailgate. However a drawbar has not been provided.

Universal Hobbies has not connected the front wheels to the steering wheel but the wheels are connected together and can be turned to give a realistic steering angle. The model's turning circle is about twice what the actual vehicle suggests.

Overall this is a great vehicle.

Model	Kubota RTV-X1120D Utility Vehicle
The Good	The tipping load platform.
The Not so Good	No drawbar.
Price	£30.00
Model Detail	95%
Model Accuracy	99%
Build Quality	96%
Functionality	95%
Value	95%

Verdict

Overall

Rating

www.accuratediecast.com







Claas Jaguar 860 Forage Harvester

photo: Claas

WIKING 1:32nd Scale







laas launched its first self-propelled forage harvester, the Jaguar 60 SF, in 1973. It proved a great success and today the Jaguar range is the world's best-selling forage harvester. The latest Jaguar range was launched in 2015. It includes six 900 series and five 800 series harvesters. Powered by six-cylinder Mercedes-Benz Tier IV engines the 800 series includes the 880, only available in North America, 870, 860, 850 and 840 harvesters.

Wiking has already released a





Jaguar 870 harvester which is available only from Claas and its dealers. This Jaguar 860, its latest, is based on the 870

tooling and is the general release edition. weighs about 0.8 Kg and has steerable wheels, opening cab doors,

movable discharge chute and opening side panels. The rear panel also opens and the feed unit can be set either in its working or transport positions. It's not supported on rams but locks in either position.

Detail levels are good. The feed unit has two silver freely rotating feed rollers. There are realistic looking working and road lights front and rear, road warning signs and translucent warning beacons. Brackets for attaching the hydraulic pipes from the maize and pickup attachments are provided under the driver's platform on the left-hand side.

Finished in dark grey the cab interior has been accurately detailed with passenger and driver's seats, steering column and control panel. The exterior has driving mirrors and a windscreen wiper detailed on the front screen. Access steps are patterned, on the left-hand



side there's also a red fire extinguisher, and have realistically sized handrails.

Lifting the side and rear panels reveal the engine and drive detail. There's an authentic drawbar detailed on the rear bumper and for those wanting to attach a trailer Wiking has provided a usable hitch under the rear bumper.

Wiking supplies both Claas's Orbis 750 maize attachment and PU 300 pickup unit with the harvester. The 7.5 m wide 750 being the second widest Orbis attachment Claas offer. It's well-engineered and finished with plenty of working features. Two rams allow the outer sections to be swung from their transport to working positions. Once unfolded the crop deflectors can be lifted and the Claas Auto Pilot sensor lowered. All the cutting and transport discs freely rotate as do the laid maize augers. There are also adjustable skids at either end of the attachment.



The PU 300 is built to the same high standard as the Orbis attachment. It's the smaller of the two pickups Claas makes. The height wheels are mounted on arms so they can be swung out from their transport to working position. Their position being set on two rams. The tines on the pickup rotate freely as does the main auger and the double roller crop press. Crop press roller height can also be set. At the pickup rear there are two silver storage stands.

Each attachment mounts to the feed housing simply and the hydraulic pipe work for connecting on the harvester is provided.

Wiking has released several other good 1/32 forage harvesters over recent years but this is the best yet. Overall it's made to a higher standard than Wiking's Claas Tucano combines.

www.wiking.com















Ifor Williams TA510T Tri-Axle Livestock Trailer



PHOTO: IFOR WILLIAMS TRAIL FRS



ver the years Britains has made several 1/32 Ifor Williams trailers and the TA510T is the latest. Ifor's TA510 range feature aluminium ramp gates, pressure treated timber planking with slip resistant aluminium tread plate flooring, brackets for the optional cross divisions, side ventilation flaps and front access door. The trailers are available with head rooms of four, six and seven-foot and body lengths of 10, 12 and 14-foot. All trailers are available with twin-axles while the tri-axle option is available on the 12 and 14-foot trailers.

Britains' has based its model on the 14-foot tri-axle trailer with six-foot headroom.

Built quality for its new trailer is similar to Britains' other Ifor trailers. Chassis and drawbar are metal while the body, gates and rear door or loading ramp are moulded in plastic. The chassis has chequered flooring and a fixed height jockey wheel. On some tractors and vehicles the jockey wheel runs along the ground even when attached.

The body has the front access door detail, decals, spare wheel and open side ventilation flaps. At the rear it has painted rear

lights and indicators and a blank number plate panel. The rear door or ramp has ribbed flooring and the location points for the opening gates. Disappointingly it does not fully lower to the ground. Inside the body Britains has provided the trailer with a top deck. This cannot easily be removed meaning the trailer cannot carry large animals such as horses and cattle. However for those with the necessary skills it looks as though the body can be lifted off the chassis and the top deck removed. It's held by four screws.

www.tomy.com

Verdict	
Model	Ifor Williams TA510T Tri- Axle Livestock Trailer
The Good	Its robust build.
The Not so Good	Only able to carry small animals.
Price	£14.99
Model Detail	90%
Model Accuracy	95%
Build Quality	90%
Functionality	80%
Value	95%
Overall	90%
Rating	***











Claas Direct Disc 520 Mower

WIKING 1:32nd Scale

longside the attachment provided with the Jaguar forage harvester Wiking has also released the Direct Disc 520 attachment. With a 5.2 metre cutting width the Direct Disc 520 is the smaller P-Cut mower Claas offers for whole crop harvesting. It's designed for short crops such as grass, legumes and short grains and crops such as grass and cereals with heights up to 1.5 metre.

Like the other attachments

Wiking has made for its Jaguar forage harvesters the Direct Disc and its four-wheel transport trailer are beautifully engineered. Even without the trailer the mowing unit weighs 240 grams. Wiking has provided the unit with flexible front curtain and an opening access door. Under the access door it's possible to see the mower bed which has 12 black discs, feed rotor and main auger. The individual discs, feed rotor and auger all rotate freely. On the underside there are

adjustable skids. While at the rear the propshafts and hydraulic pipes for connecting to the harvester are provided.

The trailer has wheel blocks, mudguards, road lights and number plate and can be pulled either behind the harvester or a tractor. It should fit most tractor makes. Unlike the trailers Wiking provides with its Claas combines a single ram supports the drawbar and not springs. This allows the drawbar to be set in any position. Two pins and a spring-loaded guide locate the mowing unit on the trailer.

Claas Direct Disc 520 Mower
Finish and build quality.
Nothing to mention.
£64.95
100%
100%
100%
100%
95%
99%

www.wiking.de







Model Farmer September / October 2016 23



JOHN DEERE 9620 RX ERTL 1:32 Scale

9620RX

t was almost a year ago when real machinery press started publishing full details of John Deere's new 9RX series. With a debut of course in the US, it was Agritechnica 2015 that Europe got its first glances at this new and



apparent 'revolutionary' machine. A couple of prototypes were highly documented and made their way, touring the UK and Europe demonstrating how good the new 9RX tractors were going to be. As we approach Autumn 2016, the first production machines are due and it seems guite apt that Ertl has now launched the first scale model of the machine, albeit, in North American specification.

There will be a total of four models, ranging from 470hp to 620hp. The two smaller tractors will be powered Deere's own 13.5-litre Cummins block and there will be a 15-litre Cummins in the big machines. The track units are clearly the big talking point of the 9RX. According to Deere they are a completely new design and each has a massive upswept gear off the axle that powers the drive wheel. The drive wheel uses a positive drive

system that engages with

lugs in the centre of the track units and there are two mid rollers, unlike the Quadtrac's three. Deere's theory is that this reduces vibration and makes the tracks smoother on the road. To improve climbing ability, the front idler wheel is mounted slightly higher so it tends to ride up over obstacles rather than bash into them head on. The rest of the machine shares many common components to its sister 9R and 9RT machines.

Ertl has produced a 1/32 model of the John Deere 9620RX. This model was a special commission for the 2016 Farm Show. Interestingly, the Ertl model is geared for ages 14+. We wonder if the Britains model (when it arrives) will have the same age rating. The 9620 from Ertl is a special edition with 2500 pcs



Rating

Model	JD 9620 RX
The Good	Great looking model. Nice Track Detail.

The Not so Good None to mention Price £85.00 **Model Detail** 95% **Model Accuracy** 95% **Build Quality** 85% **Functionality** 80% Value 80% Overall 87%



Below: The RX model from John Deere will look imposing on carpet farms!



Above: The detail is not particularly high but you can see the replica from Ertl has been produced with good authenticity.

produced. These are mostly sold out and prices are high for what will be great value item when it eventually hits the Britains catalogue, we presume in early 2017. So perhaps wait for this if you can.

It'll also be European specification.

The Ertl model here though is fantastic. The track system matches the real machine superbly and although detail isn't too high, it is enough to really show great

authenticity. The tracks are pliable and the system does rotate smoothly if enough pressure is put on the model from the top downwards. Disappointingly, beacons are solid plastic and it is just a tow hitch on this farm show version.

We think the RX looks better than the Quadtrac and are sure many model farmer's will be investing in one for their large carpet farms when the European version rolls into town. A cracking model from Ertl and sure to be popular.





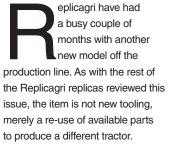


FIAT 880

REPLICAGRI 1:32 scale



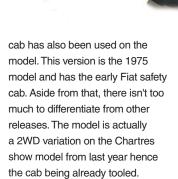
Left: There is no access to the cab but the interior has been modelled accurately.



The Fiat 880 is not unfamiliar to collectors. It's been a popular model especially with its more



Above: The Fiat 880 common Pininfarina cab. A canopy has a 2WD axle and early Fiat Safety Cab fitted.



Out of the box, the tractor is light weight but feels rugged and well made. The orange paint is exceptionally bright. There is no access inside the cab on this model but inside you can see the basic details of the tractor authentically modelled in 1/32. A nice little tractor that is good value once again.





Verdict	
Model	Fiat 880
The Good	Well made and well finished item
The Not so Good	Not a popular model for most.
Price	Around £39.00
Model Detail	95%
Model Accuracy	90%
Build Quality	85%
Functionality	90%
Value	80%
Overall	88%
Rating	***



T8.435 ERTL 1:32 scale

Tracks are the talk of the town and have been for some years. It's therefore slightly strange that it's taken New Holland this long to get a 1/32 model out of their SmartTrax machine. Almost two years ago, the first SmartTrax equipped New Holland's were rolling of the production line.

Similar to the RowTrack from Case IH, the tracks enable the tractor to operate at full power in turns around wet field areas or on the headlands. While based on the T8 Series, the three

SmartTrax models - the T8.380 (311/382hp), T8.410 (340/409hp) and T8.435 (379/435hp), incorporate a number of detail design differences. These include specially-made high torque axles that match large-diameter front wheels with the rear tracks to allow the full power to be transmitted to the ground. Available in track width options from 1.93 to 3.96m (76" to 152"), narrow undercarriage models are offered in track widths of 400mm (16"), 360mm (18") or 610mm

24"), while wide undercarriage

tractors can be fitted with 610mm (24") or 760mm (30") versions.

The Ertl model in this review is a T8.345. It has a fairly wide track width option which unfortunately lets the model down. The Front axle has been designed fairly flimsily and this is reflected when you push the model. On a real machine, you'd be telling the driver to emergency stop before the wheel fell off. The 1/32 replica gives that impression anyway!

Unfortunately, the criticism doesn't stop there. Whereas the John Deere 9620RX has finesse and quality about its finish, the New Holland here is lacklustre and feels that way too. Basic detail and bland finishing let it down. A saving grace is that the cab can be removed but that's about it. Will Britains bring the model into its own catalogue? We doubt it. Should you buy it? If you want a tracked machine for your carpet farm, go with the Case IH Rowtrack or if you have a big farm, the new 9620RX.



Verdict	
Model	NH SmartTrax
The Good	Something differ- ent from the usual wheeled machine
The Not so Good	Poorly put together
Price	Around £45.00
Model Detail	75%
Model Accuracy	80%
Build Quality	70%
Functionality	70%
Value	70%
Overall	73%
Rating	***





LOADING SHOVELS

FROM JCB

Model Farmer with the help of Tim Starkey-Smith look at the various JCB Loading Shovel replicas released over the past 60 years. Corgi, Britains, Joal, NZG and Motorart are all included.





Above and Left Below: The Chaseside model as produced by Corgi as a Toy for their 'Juniors series.

CB bought the company
Chaseside, manufacturers
of loading shovels, in 1968.
This was to complement its
existing range of backhoe loaders
and tracked excavators. One of
Chaseside's shovels was made
in miniature by Corgi. This was
a 1:87 scale Chaseside SL2000

and represented the range of machines Chaseside was making when it was bought by JCB. The model was available on its own, or twinned with a low loader truck. Both came in a bubble pack.

The model has an all-metal body and cab with a plastic loader, base and wheels. Corgi, or Corgi Major as



Above: The Corgi JCB Tracked Loader is popular well made toy from the 1960's.

it was known then, also produced a rather nice tracked loading shovel the JCB 110B. There are now three versions of this model. The first has yellow bodywork and loader arms and a pale blue cab with red shovel and idlers (wheels) carrying the black model from the box to inspect both plastic tracks. The second is in 'block construction' livery, which is orange bodywork and loader arms, pale blue cab and shovel, white idlers and black tracks. The third 110B variant is a recent re-release from several years ago, in the colours of KS Plant. The cab and shovel are black, the bodywork and loader arms and pinion mechanism that raises are yellow and tracks are black. This scheme closely resembles the colours of the real JCB's today although this type of machine

ceased production in 1979. They were built largely out of metal but were given plastic tracks and idlers that rotated. Check the condition of these if considering a purchase.

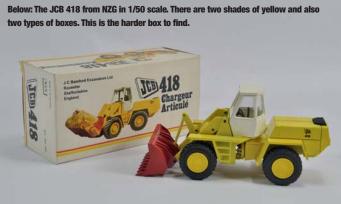
Ask permission to remove the sides. This last model has been attended to by the PC brigade and the shovel teeth are now smaller no doubt to prevent injury. But the teeth were never long enough to hurt anyone. Just another example of safety gone mad. These models were designed as toys and have a rack and lowers the loader. This works by turning a plastic thumbscrew at the rear of the model to move the arms. If a mint model is required, check





that this works properly because they are susceptible to wear where the plastic screw turns on the metal rack. The arms should move up and down smoothly and it should be possible to dump or crowd the

shovel which is held by a plastic and metal ram. A feature of the first two models that I particularly dislike is the man in the cab, but he was deleted from the third variant. With regards to the third











version, beware of buying a repainted model with a white cab – it is no longer original.

NZG of Germany produced three nice 1:35 scale models – two 418s and a 430. Both 418 models have a white cab, yellow bodywork and a red front shovel which are all made of metal, and yellow plastic wheels carrying rubber tyres. The loader is supported by a pair of black plastic and metal rams and the shovel is moved by a single black plastic and metal ram using a 'Z-bar' linkage. The NZG 430 represented the next era in the JCB shovel range – those made in the early 1980s.

Only one variant of the model was ever produced. The colour scheme still featured the white cab, but the shade of yellow paint was changed to a brighter yellow. The shovel was also yellow now instead of red which had been dropped by JCB from its corporate colour scheme. This model is also 1:35 scale and built mainly out of metal. The wheels are yellow plastic with rubber tyres. Check that the decals on the sides of the cab roof are present and undamaged and there should be small plastic headlights at the base of the cab (near to the top end of the loader arms). Also check that the



two, easily lost, black plastic 'panels' on the bonnet behind the cab are present – one contains the exhaust pipe which is quite prominent.

Again, I can't stress enough, don't pick the model up by the cab.

Joal of Spain produced the model that coincided with the next range of real machines which were built during the late 1980s. The model it replicated was the largest in the then current range – the 435. Again this is quite a nice model, but somewhat spoilt by the dirty yellow shade of paint which doesn't replicate the shade of yellow on the real machines.

The cab was painted in the latest corporate colour scheme which was a grey cab frame with a yellow roof with blue-tinted cab glass (plastic) inside. The model is all metal except for rubber tyres and plastic ram cylinders. Items on this particular model that are easily lost are the plastic lights, the plastic exhaust, the air cleaner and the rear grill.

Britains also made a JCB wheeled loading shovel, the 414S Farm Master. This model is roughly 50/50 plastic and metal. The bodywork is made from dyed plastic which is attached to a metal base that carries the plastic wheels and rubber















Above: Motoart released the 456 and 467 wheel loaders in 1/50 scale. Both are very detailed models.



tyres. The model photographed here has been converted by Steven Frater Farm Models and features dual wheels on the front and a scratch-built brass buckrake. The standard model comes with a shovel, and yellow livery and new decals

not a buckrake, and with single wheels all round. The 414S was updated soon after and renamed the 416S. It is almost identical to the 414S except for the new black which matched JCB's newer colour scheme. Both models are 1:32 scale and feature rear-mounted cabs. These had been repositioned on the real machines because when operators were sitting in the front

section, they couldn't tell what the rear half of the machine was doing. This was not unique to JCB, it was common to all shovels. Britains most recently have re-released the 416 model but again adapting it to the newer JCB colour scheme. This includes black wheel centres. They also now issue the model with both a shovel and a buckrake. The most sought after Britains model is the Gold Farmmaster. A limited edition of around 1000 pcs, the model was issued on a plinth and is now quite collectable.

The 456 is the largest loading shovel that JCB has built and weighs nearly 20 tonnes. It has been replicated in 1:35 scale by Joal. The model is all-metal except for the cab glass and tyres. It really is a fantastic model. It is chunky, well-built, well-detailed and really looks the part. It also represents excellent value for money. The shovel is black while the rest of the model, including the wheels, is yellow. This is no longer JCB's current colour scheme but is the same as the 414S

Motorart of Sweden have carried the big 456 machine forwards and produced the most recent JCB wheel loader. Albeit in 1/50 scale, the models are extremely well made and serve as being the top wheel loaders produced to date. Again, with JCB regularly revising their liveries, Motorart have produced two versions of the 456. If you are a fan of JCB, it really is worth investing in one of these models. They also produce the 467 wheel loader. Resale values have come down so if you look hard enough, you can pick one of these replicas up for around £35 to £40.



LANDINI: MODELS AND MACHINES





Above: The Landini Velite from Universal Hobbies in 1/43 scale. Above Right: The 1/8 scale kit of the Landini that can be purchased online.

andini was founded by Giovanni Landini in the early 1880's. A local blacksmith, Giovanni began Landini's illustrious history by producing products for local farms. Products included machinery relating predominantly to wine making although combustion and steam powered products soon followed. In 1911, Landini produced a portable steam engine and it was from here, that the drive to produce a mechanised machine for the agricultural industry, was born.

At the time of Giovanni's death in 1925, the first Landini 'tractor' was still in development but it was Landini's son who then took on the business. The first machine was released consisting of a 30hp machine which led to the successful production of Landini's 'Velite, Buffalo and Super' series tractors. It was the Super series that really stood Landini out in the crowd. It produced 50hp and was driven by a three speed transmission with a reverse gear. It was the most successful Italian tractor prior to war breaking out in 1939. The Landini Super is a machine which can be found in model form. Universal Hobbies produced a 1/43 scale replica as part of their Hatchette series. A high detail 1/16 version is also available. Interestingly, there is a 1/8 scale kit of this tractor

too. If you search on ebay you can find one for around £800!

Post war, the first model to be announced by the Landini brothers was the L25. Again, this model has been replicated in 1/43 scale by Universal Hobbies. Mercury were the first producers of a Landini tractor making the R4000. This 1/43 model is now extremely rare and collectable. Another early Landini tractor was the Testa Calda. This has been reproduced by ROS in 1/32 scale. They were not the first to produce the Hot Bulb engine Landini though, Gianco produced a now very rare L35 The Testa Calda engine was replaced eventually when Landini signed an agreement with Perkins Engines to use their

power units. This marked the first steps into International territory for the Italian maker. Soon after in 1960, Landini became part of the Massey Ferguson company thus making the Italian brand a truly international tractor mark.

In 1959, Landini released their first tracked machine, the C35. A C25 model has been produced in 1/43 scale by Universal hobbies. Crawlers were an important part of the Landini company with well-known 6500, 7500 and 8500 series machines. Universal Hobbies again have produced a great 1/43 C7830 crawler. ROS were the first company to release a model of Landini's tracked machines though with 1/32 and 1/25 scale

Below: The Landini 10000S from weise toys. This 1/32 model was a huge improvement from previous 10000S replicas from Britains and ROS. Right: 1/43 and 1/16 examples of the Super.













Above and Right: Two of the rarest of Landini model tractors. The first from Mercury, the second from Siaca.

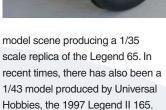
versions of the 85 series crawler.

There is a hard to find 1/15

scale model of the R5000N, this was produced in plastic by Siaca.

With the onset of 4WD, Landini began production of higher hp tractors from 1977. There is actually a model gap for the early and mid-1980's. ROS produced a 8560F in 1/25 scale. Yaxon also came on to the scene producing 12500 and 14500 models in approx 1/43 scale. Late 1980's / early 1990's machines have more recently

been produced in 1/32 scale.
Universal Hobbies have released
the 10800 and 16000. Both of
these models are based on Massey
Ferguson developed tractors. The
agreement in place between the two
companies of course led to sharing
of respective engineering. This was
vice versa for the Landini 10000S
with Massey Ferguson release
the 1014. ROS also produced the
10000, although predominantly
out of plastic. The legend series
followed and Joal move on to the



ROS again in 1/32 revamped their 10000 tooling and produced a better looking 9880. Similarly, the 1/25 scale 85GT was released as a follow on to the earlier 8560F.

Since the year 2000, further Landini models have been produced. In 2001, Trac32 produced a now very sought after pair of Landini Mythos tractors in 1/32 scale. Universal

Hobbies in 2005 released the 1/32 Landini Powermaster coinciding with the real machine launch. Replicagri in 2009 released the Powermondial and more recently the same model maker released the very nice looking Landini 7 series. The most recent Landini model is again from ROS. They produced a Landini Starland earlier this year in 1/32 scale. The model of course has Ford Genesis DNA and was bought by Landini.























CRAWLER TRACTORS & B

Model Farmer begins a new series looking at the various crawler tractor models and toys produced over the years. We begin with Dinky, Corgi, Moko and Lesney this issue for part one.





Above: The various versions of the Dinky Heavy Tractor. Photo's courtesy of Vectis Auctions

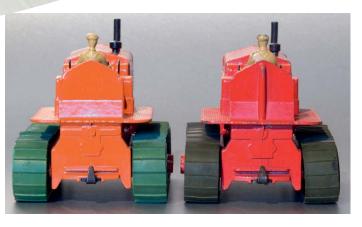


longside wheeled tractors, we of course have crawlers or tracked tractors. With additional grip, these tracked machines were taken a step further and often fitted with blades for use in 'dozing' materials, even in the slipperiest of conditions. Hence the term 'bulldozer'.

We start with Dinky Toys. Number 563 was classified initially as a Heavy Tractor. The heavy tractor was produced from 1948 until it was updated in 1955 to become the now 'Blaw Knox' heavy tractor. There was a slight tooling change

as the picture above right depicts. The common colours were orange and red. Yellow is less common and blue is the rarest of issues. Look out for box variations too.

No. 561, the Blaw Knox bulldozer was also issued. In similar colours, red, orange and yellow, the model was adapted from the heavy tractor, fitted with a front mounted blade. Interestingly, a plastic version of the model was produced, possibly as a budget item to yield more from the tooling. It didn't sell well and is now very rare today. Also hard to find is the French Dinky version of the Blaw Knox. Finding a mint example is becoming hard with the tracks



Above: The casting differences on the Dinky Heavy Tractor. Note the line down the centre of the seat on the model on the right. Below: The Blaw Knox bulldozer.



Below: The rarest of Dinky Bulldozers is this plastic version. A strange model to come fron Dinky.





ULLDOZERS: PART 1







THE MECCANO MA

Dinky Toys and Supertoys

Blaw Knox Bulldozer and Austin "Devon"

THE Dinky Supertoys series has a striking new member in the Blaw Knox Bulklozer, No. 561. This impressive model runs on creeper tracky and ramework carrying a bulklozer blade. The frame is correctly hinged at the rear, and the blade is lifted or lowered as desired by means of a lever. It is automatically al bull-with the

tradition.

The miniature faithfully follows the handsome lines of the bonnet and body work, and reproduces well the curved mudguards and the stout bumpers from their over-riders.

The Blaw Knox Bulldozes with the blade raised,

held well above the ground.

On the real Blaw Knox bulldozer the blade is moved by a hydraulic mechanism, and the hydraulic cylinders on the actual machine, one on each side, are represented

CORCI TOYS

CORRECTION

Dinky Toys article the maximum lard "Vanguard" on top gear was This should have been 80 m.p.h.



being susceptible to perishing. Corgi

Moving on to Corgi, we start with No. 1103, the Euclid TC12 Tractor. This model was released in October 1960 and withdrawn four years later in 1964. Only one known variation exists, that being in lime green.

No. 1102 was the bulldozer version of the tracked machine. It was released in the same colours but came in 1958 and went out of production in 1963. A revised model was then released, No. 1107. This bulldozer was finished in yellow and had a central lever for raising the blade. This version has actually

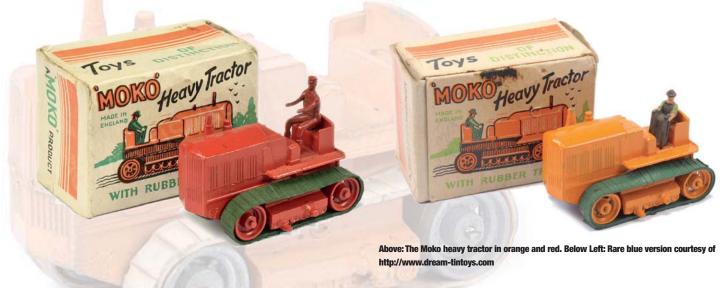
become guite hard to find with mint examples realising over £150!

Corgi also produced a bulldozer in their rather unusual 'Qualitoys' series. For younger hands and those on a budget, this model is not based on any real life machine, as far as we can tell. It is actually rare though. You do not come across mint boxed examples very often.

Corgi also produced an Impy series of miniature toys. A Euclid tracked tractor and Bulldozer were included in this small series.









Moko

Many confuse the early Moko range of toys with Matchbox and/or Lesney. The actual background of Moko is based around a German Toy wholesaler, Moses Kohnstam. Moko would commission various diecasting

factories to produce the Moko toys which included the Lesney factory hence the connection however some items included in this article were are not Lesney factory models.

The Heavy Tractor is was one

of these and one of the first Moko toys to be released. It was a smaller copy of the Dinky item. Released in 1948, the first version was produced in many tens of thousands. Common easy to spot variations included both red and orange variations. A clockwork version was also released. There is also a very rare blue version.

Interestingly, there are two types of Heavy Tractor in terms of casting die design. As explained in 'Farming in Miniature' Volume two, the story eludes that a rival wholesaler, Morris and Stone (latterly Morestone) produced the heavy tractor and marketed it as a Moko product with Moko packaging.

An apology letter was then issued by Morris and Stone thereby ending their period of producing this MOKO branded product. This actually

signalled the point at which the clockwork model was introduced. The second die was modified in order to take the clockwork motor which then resulted in both mechanical and non mechanical tractors being produced simultaneously. The clockwork models do not carry the Moko branding however. The most telling difference between both dies in observing the position of the filler cap. It is more forward facing on the fuel tank on the original Moko version. It is further back on the Moko copy and subsequent clockwork editions.

There is a suggestion that the intention was for red issues to be in bulldozer configuration and orange for tracked tractor. It is perhaps why it is hard to find a genuine orange Moko bulldozer.







Above: The MICA range of reproduction Lesney Tracked Tractor and Bulldozer models. Note the yellow bulldozer is missing here. (Courtesy of Vectis)



Above: An exceptional example of the Lesney Bulldozer in orange. Below: An exceptionally rare example of the bulldozer in dark blue. (Courtesy of Vectis)

Lesney

As mentioned previously, many mistake Moko toys with Lesney products. Ironically though, the Lesney factory also started a tracked tractor and bulldozer toy line at the same time as Moko however Moko would still have marketed the Lesney product.

The Lesney tracked tractor was based on the CAT D8 machine. As with many toys of this era, copies were not far away and indeed, Benbros produced an almost identical item in their own range (to be featured next issue). The Lesney toy had no branding and was not produced as a single boxed item. It would have come in a box of 6 and several colours were utilised. Yellow being the most common since it was based on a CAT machine! Regardless of colour, these models are scarce and very hard to find in good condition. Those that are command high prices.

There was a re-run of this series in the late 1990's as well as







Above: An exceptionally rare example of the buildozer in dark green. (Courtesy of Vectis).

Below: Various examples of the tractor and buildozer (Courtesy of http://www.dream-tintoys.com)



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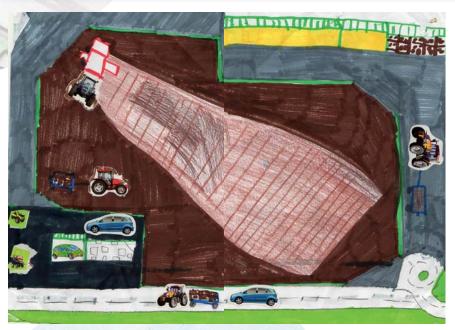
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