

TEREX plant models

Steven Downes reviews the current range made by NZG.



The Terex Company has grown considerably over the last decade by acquiring companies to expand and complement its product lines. In 1998, Terex acquired the Payhauler and O&K mining brands to grow its mining business and the following year acquired companies in the light equipment, crushing and screening and lifting sectors. Terex moved into the compact equipment sector, with the acquisition of backhoe loader producer Fermecc in 2000 and completed the acquisition of Atlas in 2001. Other notable acquisitions include lifting and access platform companies, including Demag in 2002 along with a controlling interest in Tatra, manufacturers of heavy duty vehicles in 2003 and the Reedrill surface drilling equipment manufacturer in 2004. Today, Terex is a leading supplier of construction and mining equipment throughout the world and its model program contains a number of highly detailed diecast replicas of machines in the product ranges.

TEREX TA40 ARTICULATED TRUCK

The Terex TA40 articulated truck is the largest in the range with a maximum payload of 41.8 tons. Powered by a 450hp six cylinder turbocharged diesel engine with Allison 4500 fully automatic transmission, the truck is extremely rugged and mobile with permanent all-wheel drive giving a solid footing in any condition. The 1/50 scale model from NZG is a most welcomed release with



functional tipping dump body, rugged rubber tyres with detailed tread pattern and flexible rubber mud guards fitted to the dump body. The articulating steering is functional with piping between front and rear chassis frames whilst the fully detailed cab interior, access steps with accurately scaled safety railing and front facing work lights mounted in the front bumper and roof, complete with simulated painted lenses, add to the realism of the model. The paint finish is excellent, as is expected from NZG with accurate placement of the printed Terex markings and grill pattern.

TEREX TA6S SWIVEL SKIP SITE DUMPER

On a smaller scale, the 6 ton Terex TA6s swivel skip dumper in 1/50 scale from NZG is a small and detailed replica with tipping skip that can rotate through 180 degrees. The ROPs frame can be raised into working position and the driver's station is accurately finished with seat, steering wheel, foot pedals and gear stick lever all present.





TEREX TR60 RIGID QUARRY TRUCK

For the quarrying sector, the Terex TR60 rigid hauler from NZG is a very detailed replica. The model is produced in 1/50 scale and features a tipping dump body with three stage tip cylinders along with a fully replicated cab that houses both driver and trainee seats and steering console, all visible through the clear glazed windows. The cab frame has fitted rear view mirrors and a host of mirrors is fitted to the safety railings on each side of the upper body giving views all around the front and sides of the truck. The underside of the model is highly detailed with protection plates covering the replicated engine and transmission blocks along with small hydraulics operating the front axle steering which can achieve a very respectable turning radius. The rear axle features a functional suspension system with a centrally mounted brake and reverse light panel with painted red and silver lenses located above the rear axle.

Terex is a leading supplier of construction and mining equipment throughout the world and its model program contains a number of highly detailed diecast replicas from its product ranges.



TEREX TL260 WHEEL LOADER

The Terex TL260 mid-range wheel loader carries a 175hp Perkins six cylinder turbocharged diesel engine at its heart with closed circuit hydrostatic drive transmission. The 1/50 scale model from NZG has fully functional loader arms and tipping 3.5 cubic yard general purpose bucket that has a very realistic range of height and tilt movement. The articulated steering allows for a very tight turning circle and the rear body casting captures the look of the full sized machine perfectly. Other details include treaded rubber tyres, grate style access steps to the cab and a reproduced cab interior.



THE MODEL AND THE REAL THING

860SX BACKHOE LOADER

The 1/50 scale Terex 860SX backhoe loader from NZG has fully-captured all the details of the full-sized machine from the fully position-able loader arms and bucket, complete with detailed tipping linkage and flexible hydraulic hoses, to the replicated operator station with joystick controls for the backhoe, foot pedals and steering wheel connected to the main driver's console. The backhoe boom and side-shift mounting are exceptional with working extending stick, side to side sliding of the king post, flexible hydraulic piping and pull down stabilisers just some of the highlights.



TEREX TL80 WHEEL LOADER

The TL80 wheeled loader is a 1/50 scale model from BYMO (Bavarian Scalemodel) which was formerly known as Bрами. The model features functional articulating steering with detailed tyres, working loader arms with Z bar linkage and quick coupler mounting frame which allows the bucket to be removed if required, although there are no other work tools provided in the box. The model is an update of the original Terex SKL834 model with more details added to the cab interior, cab frame moulding and access steps on the sides of the cab which all add up to produce a more detailed and better looking model.



TEREX TG190 MOTOR GRADER

The Terex TG190 motor grader is equipped with a six cylinder Cummins diesel engine generating 185hp, a six speed automatic transmission and 12 foot, high carbon steel moldboard. This machine has been accurately captured in 1/50 scale by NZG from the articulated steering and front steering wheels to the fully functional moldboard with side sliding, tilt and raising movement all possible. The front mounted blade and six shank ripper fitted to the rear frame can both be lowered and the rear wheels have oscillating suspension. All the operator controls are replicated inside the cab with rear view mirrors, access steps and flexible hydraulic piping all present which is now expected from an NZG produced model.



TEREX TC225LC TRACKED EXCAVATOR

The TC225LC tracked excavator features tensioned linked metal tracks with replicated cab complete with detailed interior and stylish body shaping all superbly captured from the full sized machine. The bright red grab rails stand out against the white body paintwork and the slightly tinted windows have printed rubber seal detailing with metal windscreen wiper fitted to the front window.

The body casting has crisp vent and grill texture with simulated anti-slip printing on the upper surfaces of the body panels whilst the distinctive curved counterweight with integrated lights is a reminder of the machine's Atlas heritage.



THE MODEL AND THE REAL THING



TEREX TC50 TRACKED EXCAVATOR

The TC50 compact tracked excavator model from NZG is modelled in 1/50 scale with a quick coupler fitted to the stick allowing the bucket to be removed by extracting the metal pins. The

undercarriage has a functional dozer blade with rubber band style tracks with accurate moulded grouser pattern fitted to the track frames. The cab has a large, tinted glass surface area which allows the replicated interior to be seen and the side mounted engine compartment has crisp grill and cooling vent detailing. The boom is mounted in front of the cab on a swinging linkage allowing offset placement of the boom and stick when working in confined spaces and the hydraulic cylinders have flexible pipe details which greatly add to the realism of the model.



TEREX TW140 WHEELED EXCAVATOR

The 1/50 scale TW140 model features a wheeled undercarriage with working steering, twin fold-down stabilisers and functional dozer blade. The two section hydraulic boom allows working in confined spaces and this is fully replicated on the model, as is the detailed cab with slightly tinted glazed windows. As with the TC225LC, the bright red grab rails are distinctive and have integral rear view mirrors cast into them.



- All the models featured in this review are available from the new Terex online shop at www.terex-construction-shop.com or from specialist construction model dealers.
- For the latest news in the world of construction, mining and heavy lifting models, visit www.miniature-construction-world.co.uk

NEXT TIME we conclude our Terex review with a look at the mining, material handling and crane models currently available.