

# Tadano unveils new 400 tonner

Tadano Faun has unveiled its new top of the line, six axle 400 tonne ATF400G-6 All Terrain crane at its manufacturing plant in Lauf, Germany.

The company says that the new crane is not just an updated version of the 360 tonne AFT360G-6 that it showed at Bauma in 2007, but is an entirely re-engineered product that is easier to set up and road in Europe. It is still rated at 360 tonnes at three metres radius with the 400 tonnes at 2.7 metres.



The new Tadano Faun ATF 400G-6

The 360 was designed and built in Japan and missed a number of key criteria for the European market and as a result it was not marketed here. The new model is a global product and will be built in Germany. The main boom remains at 60 metres - eight metres shorter than the company's longest boom - while maximum system length is 125 metres when equipped with full luffing jib. Maximum counterweight is 138 tonnes, but the crane has a reasonable chart with no counterweight. The benefit of the shorter heavier boom is revealed with some of the structural capacities when full counterweight is installed. The crane can take 69.5 tonnes to 16 metres, 41 tonnes to 26 metres and 10.8 tonnes to 52 metres on the main boom. Capacities on the fully extended main boom range from 38 tonnes at 10 metres radius and 4.8 metres at 58 metres. The new crane uses a highly efficient, environmentally-friendly Mercedes BlueTec carrier engine coupled to a ZF transmission and features a 12x8x12 drive steer configuration.

The company has said that going forward Germany will be the worldwide design and production centre for All Terrain cranes, Japan will do the same for Rough Terrain and truck cranes and the USA for crawler cranes.

## Land Rover chassis recall

Land Rover has issued a "No charge customer satisfaction programme" (recall) for Defender 130s built between 2007 and 2011 fitted with 13.5 metre platforms and follows

our report on a number of 2009 Gardner Denver chassis failures. The bulletin highlights a weakness around a hexagonal hole in the chassis behind the cab and calls for substantial chassis reinforcement plates to be installed. The recall is free of charge and is estimated to take seven and a half hours. If you have one of these platforms and have not heard from the supplier of the platform or a Land Rover dealer then we would recommend you contact your nearest Land Rover dealer and quote Programme number Q135.



The chassis failure with the rear radius arm fixing to the bottom right



## Terex launches hostile bid for Demag Cranes

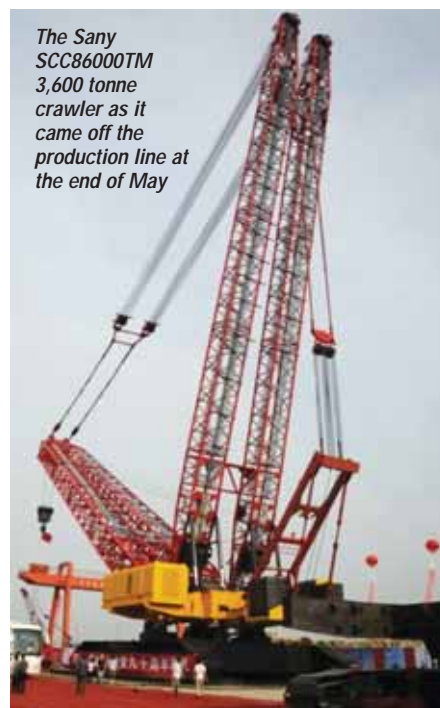
Terex has made an open cash offer directly to shareholders of the industrial overhead and port crane manufacturer Demag Cranes. The offer of €41.75 a share, which Terex says it will not improve on, follows attempts by the company to hold talks with the Demag management regarding a potential acquisition. While the offer - which is open until the end of June - is a substantial premium over the share price when bid rumours started in October, it is now well below the current €45 to €47 trading range. The Demag management dismissed the offer as too low, but has now offered to hold talks with Terex. Chief executive Aloysius Rauhen described the offer as "inadequate from a financial point of a view for Demag shareholders and not in the interest of the company." Several Demag shareholders have also said the offer is too low, some indicating that €51 would be more appropriate given the improved earnings projections from the company.

Terex chief executive Ron Defeo said: "Demag is a leader in industrial cranes and port technology and our companies are highly complementary. By combining our businesses, we would add a new product category of industrial cranes and hoists and create the leading worldwide player in port equipment."

## 3,600 tonne Sany crawler

Chinese equipment manufacturer Sany has unveiled what it claims is the world's most powerful crawler crane. The 3,600 tonne SCC86000TM was unveiled at the company's development centre in Kunshan, Jiangsu province at the end of May and has been designed for heavy lifts within nuclear power plants and clearly targeted at the domestic market.

Sany has not released any detailed information or responded to requests for a statement on the new crane. It looks very similar to the 3,200 tonne Terex CC8800 Twin from the front with twin booms and derrick mast. The track set up is more similar to the Manitowoc 31000 utilising four smaller tracks rather than the more traditional two. It also looks as though the bulk of the counterweight will be carried on a four tracked ballast carrier in a super lift type format.



The Sany SCC86000TM 3,600 tonne crawler as it came off the production line at the end of May

