

Doosan Wheel Loader Impresses Veolia



Since acquiring a Doosan DL300HL with HiTip shovel, Veolia have been able to achieve improvements in loading over 1000 tonnes of various commercial waste per week at its transfer and recycling station in Treforest, South Wales.

Equipped with a 4cu m capacity HiTip bucket and a longer arm to give a lift height of 4.5m, the DL300 is able to increase its weight per load to around 2 tonnes with paper and up to 3 tonnes with bagged waste. According to Richard Gill, station supervisor, the machine was specified to semi-quarry standard in order to achieve the various waste handling requirements.

In fact all the operators at Veolia were impressed and Mr Gill added that "in his 20 years service the DL300 was on par with any previous waste machines used at the

site (CAT, Case and Liebherr), it was stable when loading, had plenty of power, fuel economy was good and the reversible fan was a must for the type of environment."

Supplied by local dealer Construction Plant Services (SW) on a 3 year hire lease, the machine was one of a number of waste handling loaders recently converted to bespoke customer requirements. The DL300 is powered by a DL08 Doosan engine developing 147kW (197hp) @1,900 rpm with Bridgestone spec tyres fitted as standard.

Veolia is now the largest UK waste management company and the second on a global basis.

New Monitor / Reversing Camera



New monitors will now be fitted to a range of excavator models from 14t and above.

The monitors are larger – 7 inches wide, displaying a new LCD colour screen, with the facility to view an image from a rear camera (optional).

Racing for Charity



Graham Bagwell (Dealer Principal for Kellands Plant Sales) pictured left, recently completed a 300 mile sponsored cycle ride from Marble Arch in London to the Arc de Triomphe in Paris, to

raise money for Asthma UK. The event required the participants to cover more than 90 miles per day over three days. Graham achieved the target of raising £2,000 for Asthma UK.

Another racing snake, Adam Dennett (National Account Manager) completed his annual group cycle ride in France covering 500 miles for Macmillan and Cancer Research charities – over £1000 was raised.



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Recycling Duck



A new Doosan DX210W has been purchased by Fowles Haulage, Demolition & Plant Hire from Promac Solutions to work in their waste recycling yard.

Fitted with a 400 litre selector grab they are currently averaging 35 skips (105 tonnes) a day with a view to expanding to 80 skips with the introduction of the new duck.

Saltex 2009



For the second year running, Doosan took the opportunity to display its reduced and zero tail swing mini excavators at IOG Saltex in Windsor.

Dealers, Tag Plant, Promac and Sandhurst all reported a busy few days in terms of leads gathered and sales.



Network News

The New Doosan DX140R 14 tonne reduced radius excavator



The 14 tonne market is a large segment of the UK market and over the last 10 years the reduced radius segment of the 12 -14 tonne market sector has grown significantly from zero to an estimated 25% and that trend continues today.

The new DX140R therefore enters an already competitive market but is packed with features and performance that will ensure its success.

The new entrant offers the distinctive DX styling in reduced radius form and produces the same bucket and arm breakout forces as the DX140LC. Both tractive effort and tracking speed is increased in the region of 6% & maximum pump flow to 232 lt/min.

There is huge commonality of components with the DX140LC which will help ensure the reliability of this model and enable distributors to support with minimum additional cost. One departure from the DX140LC is to opt for the 4 cylinder Cummins engine (96 ch at 1850 rpm) in order to maintain the compact dimensions required.

Engine service intervals are 500 hour and the DX140R also shares the extended lubrication intervals of the whole DX range. The water trap and the engine oil filter are both located in hydraulic pump bay for easy ground level access.

Maximum digging reach is optimal at 8.3 m as well as its maximum digging depth which amounts to 5.5 m. Machine width is 2.59 m (600 mm shoes).

The benefits of the wide (110cm) Doosan cab including comfort and excellent visibility are also extended to the reduced radius envelope of the DX140R.

The trend towards reduced radius machines has been accelerated by the space premium on most construction sites today and in particular, with road and rail construction, the requirement to keep adjacent lanes and track open while working alongside. Reduced radius gives the customer this benefit that conventional machines cannot.

The tail swing of the DX140R is 720mm less compared to the conventional DX140LC. Other options include, long carriage, Dozer blade, rubber tracks and economy mode.

One area that has been given particular attention is that of meeting the low noise levels achieved on the conventional DX model, in this more compact form. That challenge has been met by a very low 101 LwA bystander and 72 LpA operator ear measurement in the DX140R.

Stylish and comfortable, practical and reliable, the DX140R promises to give Doosan distributors new opportunity to keep their customers loyal, with all their machine requirements.

The First DX140R



John Lewis Plant (N. Ireland) has acquired the first Doosan 14t reduced swing excavator to hit UK shores. The DX140R supplied by Northern Excavators was put to work on a sewage treatment works contract at Edenderry.

Machines that Walk on Water

Hodge Plant Ltd of Abington, Scotland have recently added a Doosan DX140LC Low Ground bearing Pressure (LGP) machine to their varied plant fleet which includes 7 Doosan Excavators from 14 to 34t.

The LGP modification was carried out by local dealer Andert who were able to modify the undercarriage to fit 1100mm wide tracks required for the demanding conditions on the Abington Wind Farm

Andert have also supplied a DX80R to S & G Rae Contractors Ltd, Bonnybridge modified to take 900mm wide tracks for Low Ground Pressure due to them obtaining various work on Scottish Windfarms. A standard steel undercarriage was also provided with rubber clip-on pads for regular council contracts.



The UK's first Doosan DX170w wheeled excavator has been delivered to a Derbyshire plant hirer



The first Doosan DX170W wheeled excavator in the UK has recently been delivered to Long Eaton Plant Hire of Ilkeston in Derbyshire by Wakefield based local dealer Filtermech Plant Sales. This new model extends Doosan's range of wheeled excavators to a total of six machines from 5.5 to 21 tonne.

The 16.8 tonne DX170W is powered by a Doosan DL06 common-rail injection engine developing 103 kW (138 hp) @ 2000 rpm and, in standard one-piece boom specification, offers a maximum digging depth and reach of 5010 and 8520 mm respectively.

Tractive force of the new model is an impressive 10 tonne, thanks to the installation of the same robust axles as fitted to the larger DX190W machine and maximum digging force when equipped with a 0.66 cu m bucket is in excess of 11 tonne.

A large, comfortable cab provides excellent all-round visibility and is equipped with a high capacity electronic heating and air conditioning system as well as a fully adjustable steering column.

This multi-purpose machine has been developed by Doosan to provide high profitability thanks to short and infrequent routine maintenance. For example, engine oil changes are only required every 500 hours and the hydraulic oil only needs to be changed every 2000 hours.

Commenting on his company's new acquisition, Long Eaton Plant Hire's managing director Simon Denny said, "We have been very happy with the 21 tonne Doosan rubber duck purchased in 2004 on which the only part we have ever had to replace is an exhaust. We therefore had no hesitation in choosing the new 17 tonne version when we were in the market for a new machine."

Doosan facilitates Massive Gas Contract



Kellands Plant Sales have supplied a second Doosan excavator to specialist contractor Hydrock, a leading national provider of consultancy and specialist contracting services for construction, infrastructure and the environment in the form of a DX300LC. Hydrock are commencing work on an estimated £11m deal, on what will be the UK's largest onshore gas facility in Portland, Dorset. The new 30 tonne machine will be used for preparation works and the construction of a well pad on which a deep directional drilling rig will be positioned.

The massive drilling rig of which there are only three in the world will be used to drill down approximately 1 kilometre below ground into a salt bed, which will then be dissolved away to create a gas storage cavern. This is the first stage of a £456m project which has been designed to supply up to 7.5% of the nation's gas on a cold winters day.

Commenting on the DX300, Project Manager, John McConnell said, "Having purchased an 8ton Doosan DX80R from Kellands last year which we have been very pleased with, the design, quality and finish are all excellent and this greatly influenced the purchase of another Doosan machine."

We found the machine to be very stable with an excellent lift capacity and the safe load indicator fitted as standard made it easy for the operator to work safely at all times." John also commented on the smooth controls and fuel efficiency and said the DX300LC was a good all-rounder and this was one of the key reasons for Hydrock purchasing their first large Doosan excavator.

New fleet of Doosan Diggers

Specialist excavation contractor J K Guest of Wigan has decided to standardise on Doosan machines for its general purpose digging fleet and recently took delivery of five new units from local dealer, PlantLink of Rainford on Merseyside.



The new additions to the Doosan fleet, which cover models from 8 to 34 tonne represented by a DX80, DX225, DX255, DX300 and DX340, are all currently being used on a pipeline contract near Kendal on behalf of KMI Plus - a joint venture between Kier Construction, J. Murphy & Sons and Interserve Project Services alongside Mouchel as its design partner. The work involves the installation of 3.5 km of 200 mm diameter rising main for United Utilities and the Doosan excavators are tasked with keeping the nine month project on schedule.

Doosan introduces the high-tech DL350 Wheeled Loader



The DL350 on its 'first drive' at Johnson Quarry Group's limestone quarry in Creeton, Lincolnshire.

Doosan Infracore (UK) has announced the introduction of the DL350 wheeled loader which extends the current range to a total of eight models from 1.5 to 5 cu m with an emphasis on performance, reliability, comfort and ease of maintenance.

The new 3.5 cu m model is powered by a Doosan DL08 7.6 litre common-rail turbocharged diesel engine with an exhaust gas recirculation system developing 173 kW (235 hp). This powerful engine also provides an impressive maximum torque of 1100 Nm at just 1200 rpm for optimum traction and loading force. In fact, the DL350 offers an excavation force of almost 17 tonne, the highest in its category, making it ideal for stripping the hardest materials.

Like all Doosan wheeled loaders, this new model is equipped with a ZF Powershift transmission and limited slip differentials as standard as well as hydraulically controlled, multi-disc oil-immersed brakes.

Doosan has always taken great care to provide a comfortable working environment for the operators of its equipment and the DL350 is no exception. With an internal

noise level of only 69 dB(A), electronic heating and air conditioning and a roomy interior with plenty of storage space the new model's cab ensures a perfect environment for a full day's productive work.

Anti-pitch control and a third hydraulic control valve are fitted as standard and the machine has a choice of two working modes - one standard and one economic - which allow the operator to adapt the machine to the work in hand and optimise the fuel consumption/productivity ratio.

Another fuel reducing feature is an electronically controlled cooling fan with speed dependent on coolant/transmission temperature. This fan, which also helps to reduce noise, is reversible and swings out to facilitate easy maintenance when operating in dusty conditions.

The new model has extended intervals between oil and filter changes plus a monitoring system that can be accessed via a portable computer to enable transmission status to be verified and various other adjustments to be made including, for example, compensation for clutch disc wear without requiring disassembly.

Hampshire demolition contractor extends its fleet of Doosan Excavators



Comley Demolition of Odiham in Hampshire has recently taken delivery of a pair of Doosan excavators, extending its fleet of same make machines to 14 units ranging in weight from 14 to 40 tonne.

Founded in 1959, Comley changed from its origins as an agricultural contractor to become a demolition specialist in the early 1990s, now concentrating on providing a demolition, crushing and stockpiling service within an approximate 100 mile radius of its base.

The company obtained its first Doosan machine, a 40 tonne model, back in 1998 which was subsequently converted to high reach specification and still forms part of the fleet today.

According to managing director Richard Comley, "Doosan excavators are well suited to demolition work as they are very solidly built with heavy-duty undercarriages and, over the years, we have found them to be extremely reliable."

The two new units, supplied by local dealer Promac Solutions of Aldermaston in Berkshire, comprise of a DX140LC and a DX225LC with operating weights of 14 tonne and 22.4 tonne respectively.



STOP PRESS

- Promac have secured a 10 unit order from Ranger Plant Hire for DX27Z zero tail swing machines.
- McGeoghan Plant Hire (Waltham Abbey) have taken delivery of four DX60R excavators supplied by Sandhurst. The machines will replace Doosan Solar 55 models.
- WM Clark Cotside Quarry (Carnoustie, pictured right) recently added a DX420LC excavator to its fleet which spans over 3 generations of Doosan/Daewoo machinery - Andert completed the deal.