

AMS UPDATE

Summer 2010



New Acquisition Boosts Capacity

The PD250/90 Drilling Rig and Recycling Unit.



Site set up.

AMS No-Dig Ltd has recently increased its horizontal directional drilling fleet with the purchase of a new maxi drilling rig together with mud processing, pumping and recycling plant.

The Prime Drilling PD250/90 rig, as the name suggests, offers 250 tonnes of thrust and pullback with 90,000NM of rotary torque making it the most powerful rig stationed in the United Kingdom.

In simple terms this means conduits up to 1.5m diameter and bores in excess of 2km are within scope.

To work in conjunction with the drilling rig AMS have also purchased a comprehensive mud processing and recycling facility. The high performance Derrick recycling unit has been designed to process 3000 litres of high viscosity drilling fluid per minute and comprises two Derrick Equipment FLC-504 shale shakers for primary screening and a Derrick FLC-504 mud cleaner, complete with 3 x 10" de-sander cones and 20 x 4" de-silter cones, for de-sanding and de-silting.

The Derrick 504 units are mounted on a 24' base tank which incorporates integrated centrifugal pumps to feed the de-sander and de-silter cones. Screening is carried out using the revolutionary pyramid screening system ensuring consistent cleaning down to approximately 20um.

The mud mixing system comprises an 18 cubic metre mixing tank incorporating integrated centrifugal pumps for mixing through a 6" mud hopper, plus two 30 cubic metre holding tanks complete with agitators.

Clear Solutions International Ltd is manufacturing the equipment under license to leading solids separation company Derrick Equipment who operate out of Buffalo, New York, USA.

George Aitkenhead, Managing Director of the AMS group, said "We see this acquisition as a significant step in AMS No-Dig's continued development. It is important to increase our capabilities which will in turn strengthen our position in the market. We have a number of larger schemes coming up in the near future and I will be excited to see the equipment perform in the field."



The Recycling Unit in operation



REGISTERED TO ISO 9001:2000



REGISTERED TO ISO 14001:2004



REGISTERED TO OHSAS 18001



UVDB
empowered by Achilles



Quality Management Update



AMS No-Dig have recently been awarded ISO14001 Environmental Management Standard and OHSAS18001 Health and Safety Management Standard.

John Moss, Operations Director, commented "health, safety and the

environment are fundamental in every decision that we make. We currently operate to ISO9001 and securing these other standards is a significant step forward for the business as a whole."

AMS recognise that maintaining these standards is the challenge and continued improvement will be the key to meeting that challenge.



**ISO APPROVED
OHSAS APPROVED**

Staff set to... ...hit the Himalayas

Two AMS No-Dig staff, John Moss, Operations Director, and Chris Hullah, Office Manager, will join a walking expedition in the Himalayas region later this year.



Departing in October for a nine day point to point trek in the Everest region of Nepal, the main route of the trip will follow the path which leads to the Everest base camp and returns to the starting point at Lukla via the Thame Valley. The trek climbs to an altitude of nearly 4000 metres with each of the party having the aid of a personal Sherpa to help carry personal belongings.



The trip also involves a dramatic flight from Kathmandu in a small propeller driven aircraft which drops the expedition party at an air strip which is located in a deep valley at Lukla. The trip will start and finish with a two night stay in the Nepalese capital Kathmandu.

Chris said "The idea for the trip started as a personal bet with my wife and then John suggested that he would like to come along too. The trip has been at the planning stage for nearly two years and I have been saving the money needed for the trip and all the clothing and equipment necessary."

"It's a bit daunting going to a place which has no roads

or means of communication and the altitude can sometimes be a problem, although I have been given the green light from my doctor and we will be issued with drugs to combat altitude sickness before leaving the UK. We have been training hard at the gym and getting out on the mountains of the Lake District to try and be as fit as possible and we just can't wait to get going now."

The trek is also being done for charity with all proceeds going to Help for Heroes. If you would like to contribute to this worthwhile cause then please visit the following secure web page at:-

www.bmycharity.com/V2/HimalayaWalk



T: 01724 294294
W: amsnodig.com



T: 01724 289009
W: amsbobcat.com



T: 01724 294290
W: amsitystems.com

New Bobcat Skid Steer Loader

For Paul Riddle Skips Ltd

AMS Bobcat has recently supplied a new Bobcat S630 Skid Steer Loader to Horncastle based skip hire company – Paul Riddle Skips Ltd. The new Bobcat S630 will replace their old Bobcat S220.

Paul Riddle the owner said “I looked at other suppliers, but the overall performance and robustness of the new Bobcat S630 as well as the maintenance and service back up received from AMS made the decision easy.”



T300 in operation

AMS Bobcat News Bobcat Working Underground

AMS Bobcat hire department have recently hired a Bobcat T300 tracked loader to British Gypsum Fauld Mine, Stoke on Trent.

The machine is being used 7kms under the Staffordshire countryside to help tidy up after blasting has taken place.

Paul Futcher, Maintenance Manager, said, “We require a powerful compact machine to help with the underground operation while one of our existing machines is out of commission.”

The Bobcat T300 tracked loader has been supplied with rubber tracks and an 80” combination bucket.



The S630 skid steer fitted with grab

A New Model joins the Bobcat Hire Fleet

AMS Bobcat's hire division have added the new Bobcat S650 skid steer loader to its hire fleet.

The S650 is a large frame loader and has a completely re-engineered cab that keeps the operator comfortable. It has improved power and 30% more hydraulic performance than the previous model.

AMS hire controller Pauline Chafer added: “The new S650 would be put straight to work on our existing ship trimming applications. With the extra performance and driver comfort it will be a welcome addition to our fleet.”



The S650 skid steer



The view from 4 of the cameras installed at the haulage yard.

IT Systems Focus: State Of The Art Monitoring



AMS IT Systems have recently installed a 16 camera digital CCTV system in a remote haulage yard close to Woodhall Spa in Lincolnshire.

The aim of the system is two-fold, general round the clock monitoring of the premises for security purposes together with specific monitoring of the companies fuel tanks for control and security purposes.

The system consists of a HD digital video recorder capable of recording at full D1 resolution in real time (25 frames per second) on each channel, which is connected to the company network and internet, allowing managers and directors to view the images from home and also from their mobile phones at any time.

The images are provided by high resolution (600 TVL) true day/night CCTV cameras with infra-red illumination for night vision. A separate 4 channel

system is to be installed shortly in a remote area of the premises to cover workshop areas and will be connected to the main network by a long range wireless network bridge.

AMS IT Systems have been installing CCTV systems for many years and have gathered a wide range of experience in installation of new equipment and of troubleshooting and repairing old systems.

We have installed systems in a wide range of situations including schools, offices, farms, workshops as well as private houses. Systems can be tailored to the client's exact requirements and can always be viewed remotely over the internet and usually on mobile devices such as iPhones, providing a suitable internet connection is available. Cameras are available in all shapes and sizes from tiny covert

cameras which can be hidden in a smoke alarm or PIR unit, to large infra-red external housings with their own heater to prevent misting.

Another development which is becoming more affordable is high speed pan-tilt-zoom domes which can spin through 360 degrees, and can be controlled by PIR sensors so that they spin to view movement, or manually via a joystick or over the internet.



A New Face At AMS IT Systems

Ryan Smith joined us in May as an IT Technician. Ryan has several years experience gained whilst working in a similar role in a local secondary school. In his spare time Ryan enjoys rugby league, junior football coaching and socialising.

Prize Draw Winner

The latest winner of the AMS prize draw is Anthony Townsend of Balfour Beatty Civil Engineering Ltd. Anthony took the time to complete the promotional card which is distributed with all AMS newsletters. His card was drawn randomly from over 40 entries to win an Apple iPod MP3 player.

Picture: Anthony receives his prize from AMS No-Dig Project Manager, Mickey Spooner.



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