

OrbiNEWS

Your Update On The Latest Developments In Orbital Welding Technology

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International Distributor Meeting

In August 2004 Orbimatic held their first 'International Distributor Meeting' which attracted visitors from all over the world. The meeting was held over five days and covered training on the basic range of equipment, an introduction to special accessories and some newly introduced products and a glimpse of our current development items.



At the close of the meeting there was an open forum when the attendees were asked if there was any more Orbimatic could do to assist our distributors and we received some good suggestions which will be actioned to help us provide an even better service.

Following the success of this meeting it was decided that Orbimatic would hold these meetings on an annual basis. This will give an opportunity for all to share their experiences on a regular basis. Those interested in attending the 2005 meeting should register now to avoid disappointment.

EPS Extend Their Range

Engineering Project Services of Haverhill, UK have made a further investment in Orbimatic Orbital welding equipment with the introduction of an ORBITWIN and ORBIWELD 12 micro weld head.

Engineering Project Services work extensively in the electronics and semi-conductor markets and the introduction of this equipment gives them a range from 3mm to 76.2mm with their current equipment.

The ORBITWIN allows Engineering Project Services to maximise their production by eliminating the need to keep swapping cables when different weld heads have to be used.

Orbimatic Take Flight In India

Orbimatic have recently supplied a welding system to a leading Indian manufacturing company in the aircraft and aerospace industry for the welding of Aerospace tubes and fittings.

The system included an AC/DC power supply with enclosed and open arc welding heads.

Because of the importance places on the selection of the best equipment a tender was submitted to several manufacturers and it was the Orbimatic system that was chosen. This was because it was easy to use and offered all necessary features at a very competitive price.

TP Range Completed

Orbimatic are pleased to announce that their TP range of Open Arc welding heads is now complete.

The TP Range covers tube diameters from 10mm to 275mm OD with four models.



Each head has the same basic features that have made the entire range very compact in design. Each model has a wide clamping range and simple swinging arm system which makes it easy to work with different diameters.

All TP welding heads include an integral control panel which allows the operator to control basic functions of the power supply from the welding head.

The TP250 is available with a separate compact wire feeder and all other models are available with an on-board wire feed unit.

All TP heads can be used on any ORBIMATIC power supply and will be automatically recognised when connected to the power supply. If you would like further details please contact your local Orbimatic representative who will be pleased to help you.

a open arc orbital welding system from Orbimatic. The system includes an ORBIMAT 250C power supply and TP250 open arc weld head with separate wire feeder.

The system is being used for welding fittings to the hydraulic tubes and has helped the company drastically reduce the time needed to weld these tubes. The tubes have diameters up to 1.25" and wall thicknesses up to 5mm, and all can be welded in a single pass.

Cleanroom Equipped

Welding & Fabrication Services of Haverhill have recently introduced a ORBIMAT 160CR cleanroom power supply and ORBIWELD 12 to their new clean working area where they will build hi-purity pipework assemblies.

Welding & Fabrication Services considered several other sources of orbital welding equipment and finally decided on the Orbimatic system which was the system that was initially recommended by the end user.

A&B Systems Speed Cooling

A&B Systems, a leading installer of cooling system pipework, have purchased a welding system from Orbimatic.

The system includes an 160 amp computerised power supply and two open arc welding heads. One head covers diameters up to 76mm and the second covers diameters up to 170mm OD.

Also included in the package was a portable hand-held tungsten electrode grinder.

The system is in use on several sites to help decrease the install time of pipework which supplies cooling water to Injection Moulding machines.

Jeff Day of A&B Systems explained 'The Orbimatic system was the easiest to use we saw and was most certainly the most portable and flexible system we saw.'

Ensysta Join Orbimatic Users

Ensysta, one of Europe's leading installers of hi-purity pipework have recently taken delivery of several Orbimatic Orbital Welding Systems.

The systems will be used to help improve the quality of Ensysta's installations and will improve their post installation documentation.

Kocurek Extend Capabilities

Kocurek Limited, the world leaders in the manufacture of extended reach excavator systems have purchased

Partner Found In Russia

Orbimatic have recently formed a partnership with Georg Fischer in Russia. Georg Fischer already sell their renowned pipe & pipe cutting and preparation equipment in Russia which has an excellent reputation.

Mr Vadim Torgashev believes that the partnership will work very well because of the excellent reputation German products have in the Russian marketplace.

This new partnership was recently strengthened when Orbimatic and Georg Fischer shared a stand at the recent Exposvarka exhibition, held in Moscow.

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Introducing.....The ORBIMAT 165C *Basic*

***The worlds most compact water cooled orbital
TIG Welding power supply.***

December 1st 2004 will see the introduction of the worlds most compact Water Cooled Orbital Welding Power Supply. Termed the ORBIMAT 165C Basic, the unit weighs in at a mere 24kg including full water cooling system. Orbimatic have achieved this by introducing the latest developments in electronic components.



The introduction of this latest technology also gives this unit the ability to work from a wide input voltage range which starts at 85 volts and up to 260v, which makes it ideal for use in areas where the input voltage may vary considerably. Despite the compact design the ORBIMAT 165C Basic still delivers considerable performance, arc stability & operation duty cycles.

The ORBIMAT 165C Basic has been designed, developed and built by our highly experienced engineers and has been designed specifically for use as an orbital welding power supply. As the computer control system, welding power supply and water cooling system are all built into one case the system is highly portable and the best choice for site based applications.

A 10.5" colour screen makes operation of the unit very easy and maintenance and trouble shooting is also made easy thanks to the PSS (Pro-Service-System) which gives a simple LED display of any internal problems.

As the machine only weighs 24kg it is kept below the safe lifting load for a single person and is therefore simple to move between locations. If you would like full details of this advanced orbital welding power supply please contact us.

This partnership allows George Fischer to offer a high quality cutting and welding package to customers in Russia.

New Technology in Pakistan

Orbimatic have recently enjoyed some good business in Pakistan where they have delivered two AC orbital welding systems with a wide range of welding heads and accessories.

Orbimatic consider Pakistan to be a interesting and important market place for their future plans. And this order just highlights the potential that lies in Pakistan.

Cooling Goes Stainless

ADMS Engineering have purchased

Orbimatic on Tour

Orbimatic are finishing off their 2004 exhibition tour with visits to Exposvarka, Moscow, Russia - Essen Welding, Beijing, China - North West Manufacturing, Bolton, UK & Metalex, Thailand.

Other exhibitions this year have included ASME BPE, Cork, Ireland - Marquitech, Barcelona, Spain & TIIIF, Tehran, Iran.

We have also held several Orbital Welding technology lectures around the UK in conjunction with The Welding & Joining Society.

We have also already planned several exhibitions for 2005 and these include:

Essen Welding India, Hyberadad - 18-20 Febuary 2005

Schweissen & Schneiden, Essen, Germany - 16-23 September 2005

Please contact us if you would like further details.

an Orbital Welding System from Orbimatic for use on a contract they have won installing a range of pipe-work at an Animal Vaccines manufacturing plant. It is therefore essential to have consistent and repeatable weld profiles.

ADMS have invested in a ORBIMAT 160C with an ORBIWELD 76S Weld Head, plus a full range of accessories.

A RA4 orbital pipe cutting machine has also be purchased to provide a full high quality installation service.

Orbimatic Show Alfa Laval the way with Reliable Equipment

Alfa Laval in India have recently purchased systems 5 and 6 from Orbimatic.

Alfa Laval previously worked with an alternative system but had continuous problems and little support from the manufacturer and were then forced to find an alternative supplier.

This is when Alfa Laval found Orbimatic and were shown just what can be done with high quality reliable Orbital Welding equipment.

ORBIMATIC in Puetro Rico

PSL Worldwide have taken delivery of two Orbital Welding systems from Orbimatic GmbH.

PSL Worldwide have previously used

two other types of system and also considered several other manufacturers equipment during the purchase process.

PSL Worldwide's management and operators were all impressed by the Orbimatic system and all agreed this was the most easy to use.

In addition the weld data logging system was much more comprehensive and yet remarkably easy to use.

These systems will be used initially on major pharmaceutical site in Puetro Rico, South America.

Paul Stobbart from Orbital Welding Supplies visited the site personally to carry out the operator training.

More Equipment For Taiwan Hi-Purity Contractor

Yuan Da have taken delivery of 7 more orbital welding systems with a selection of 20 weld heads from Orbimatic.

Yuan Da have been using Orbimatic for two years and is now their preferential equipment over their previously used French & American systems. These systems are used in Hi-Purity applications for the semi-conductor industry.

Orbimatic Brace IMP

Innovative Medical Products, who manufacture high quality medical de-

vices have ordered an Orbital Welding system from Orbimatic for the manufacture of several of their products.

This project has been managed by David Rochford of Qualitas Technology who has worked closely with Orbimatic to help IMP introduce the orbital welding equipment into their current production methods.

Repeat order for Aero Co.

One of the worlds leading manufacturers of electronic sensing devices for the Aerospace industry have purchased a second Orbimatic Orbital Welding System.

The first systems was introduced to this leaing manufacturer last year and has been working in production ever since. This has now prompted the purchase of a second system which is being used on another production line and also for the development of procedures which will allow more products to be introduced into this system.

Because of the successful performance of the first system more and more products are now being re-procedure for use with Orbital Welding Equipment.



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