Orbital Welding Leader TechSouth Offers Welding Equipment Rentals and Tungsten Grinders

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TechSouth Inc., a company based in Matthews, NC, is pleased to announce that they are offering orbital welding equipment and tungsten grinders. They offer power supplies and weld heads for orbital welding either for rent or for sales. Orbital welding is a specialized method of welding where the arc is rotated around the workpiece for 360 degrees or 180 degrees in double up welding. The workpiece is typically a pipe or tube.

Some off the orbital welding power supplies that they are offering for rent or for sale include the: AMI Model 217 WDR, AMI Model 207, AMI Model 227, and AMI Model M217P Portable Welding System Controller.

The AMI Model 217 WDR is a 100/150A programmable gas tungsten arc welding (GTAW) power supply. It is designed to be able to provide power for all AMI's orbital fusion weld heads and it is capable of welding tubes and thin wall pipes. The internal memory of the machine can store up to 1000 different welding schedules for easy access. High-integrity, sanitary welds can be easily reproduced by simply pressing a button. The welds produced by the Model 217 WDR can meet or exceed the specifications needed by various industries such as: food, dairy, semiconductor, pharmaceutical, aerospace, beverage, nuclear, and renewable energy. More about this can be gleaned from https://www.techsouthinc.com/orbital-welding.

Meanwhile, they offer a number of weld heads. These include the: AMI Model 8 Series, AMI Model 9 Series, AMI Model 15, and AMI Model 81.

The AMI Model 8 series weld heads are orbital weld heads for fusion (GTAW) welding of tubings, thin wall pipes, and fittings. The narrow width of the heads makes them suitable for limited clearance applications, such as welding fitting to valve body assemblies, or fitting to fitting. Welds materials can be titanium, Hastelloy?, stainless steel, and other autogenously weldable alloys.

The AMI Model 9 series of weld heads are designed for fusion (TIG) welding of pipe, fittings, tube, or other cylindrical components. These weld heads are available in ten sizes and three versions, They can be configured more than 60 different ways and they can accommodate wall thicknesses from 0.01? (0.25 mm) to 0.16? (4 mm) and diameters from 3/32? (2,3 mm) to 7.5? (190,5 mm) OD.

The AMI Model 15 is a precision but rugged weld head with low radial clearance for GTAW welding of all pipe sizes from 3" (76 mm) pipes up to an unlimited size, including flat plates.

The AMI Model 81 is a full function orbital pipe weld head with a programmable arc voltage control, onboard wire feeder and travel, and torch oscillation (weaving), in a very compact package.

TechSouth Inc also offers various tungsten grinders. These include handheld tungsten grinders 110v, cordless tungsten grinders, handheld tungsten grinders 220v, and bench models. Available handheld tungsten grinders 110v include the: Standard 110v Model, Adjustable 110v Model, and Dust Collection 110v Model.

The Standard 110v Model is equipped with collet sizes 1/16" (1.0mm), 3/32" (2.4mm), and 1/8" (3.2mm) built in the tool. The standard version is set at a 20 degree angle and has a diamond wheel and 120v corded motor.

This Adjustable 110v Model is provided with 15-45 degree angle options. It is equipped with a variable speed 120v corded motor. The collet sizes are 1/16" (1.0mm), 3/32" (2.4mm), and 1/8" (3.2mm) and diamond wheel.

The Dust Collection System 110v Model has a built in canister to collect tungsten dust for clean environments. The collet sizes are 1/16" (1.0mm), 3/32" (2.4mm), and 1/8" (3.2mm) and diamond wheel.

The available cordless tungsten grinders are the: Standard Cordless Model and Adjustable Cordless Model. The Standard Cordless Model is provided with collet sizes 1/16" (1.0mm), 3/32" (2.4mm), and 1/8" (3.2mm) built in the tool. The standard version is set at a 20 degree angle and has a diamond wheel and 120v corded

motor. The Adjustable Model has 15-45 degree angle options. It has a variable speed 120v corded motor. The collet sizes are 1/16" (1.0mm), 3/32" (2.4mm), and 1/8" (3.2mm) and diamond wheel. More about the tungsten grinders can be gleaned from https://www.techsouthinc.com/tungsten-grinders.

Those who are interested in orbital welding equipment and tungsten grinders can visit the TechSouth Inc website, or contact them on the phone or through email.

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TechSouth Inc.

Established in 1983, TechSouth Inc. has grown to a 15000 sq ft facility offering the largest rental inventory. We specialize in new/used equipment for the Orbital Welding Industry. Welding, Cutting, Tube Squaring, Tungsten Grinders and Purge.

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