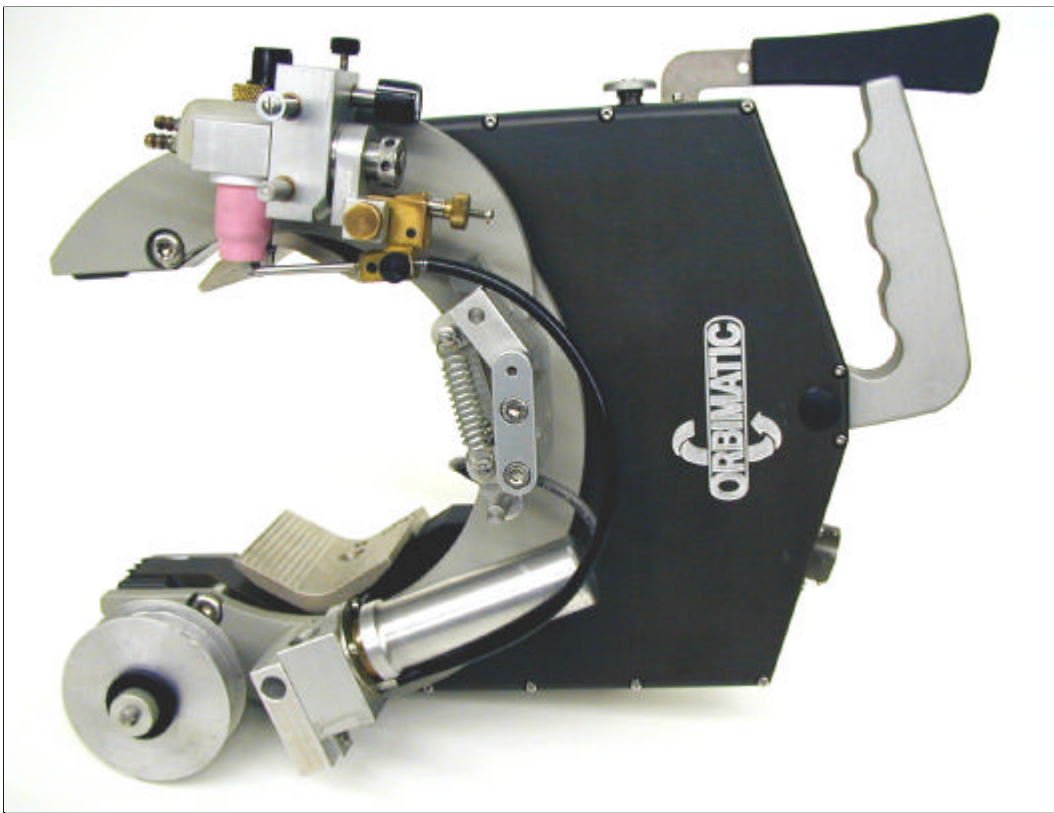


**ORBITAL WELDING EQUIPMENT**



**ORBIWELD TP,  
The Next Generation of  
Open-Arc Weld heads with unique Features  
With or without Cold Wire Feed**



**The new series of ORBIWELD TP Open Arc Weld Heads is available in 4 Sizes:**

<b>Model TP 250</b>	<b>for Tube/Pipe O.D.</b>	<b>15 – 77 mm</b>
<b>Model TP 400</b>	<b>for Tube/Pipe O.D.</b>	<b>30 – 115 mm</b>
<b>Model TP 600</b>	<b>for Tube/Pipe O.D.</b>	<b>70 – 170 mm</b>
<b>Model TP 1000</b>	<b>for Tube/Pipe O.D.</b>	<b>100 – 275 mm</b>



The clamping mechanism and jaws move with a parallel motion and results in a secure clamping of the weld head with a large clamping cross section. The clamping range of the jaws can be infinitely adjusted through the diameter range of the head by rotation of a single knob.

## Forget everything you know about Open-Arc-Weld Heads!

The all new ORBIWELD SL series are completely unique in design, making it very versatile. Locating the motor inside the main housing, results in the ORBIWELD SL series being very compact in design and the revolutionary design of the drive system makes large & bulky drive mechanisms a thing of the past.



These Weld Heads are supplied with an on-board compact wire feeder located close to the welding torch which ensures a responsive wire feeding which is synchronised with the pulsing of the welding current. This gives much better control of the weld pool than systems which have to push or pull the wire from a remote, separate wire feeder over long distances, thus not allowing responsive precise synchronisation with the current pulses. For field applications the compact wire feeder on the weld head is more comfortable than a separate, heavy wire feeder.



A swivelling TIG torch provides the capability for fillet welds or pulled-T joint



The TIG torch is mounted on a precision slide to give precise, fine control of the electrode during welding. The wire tip can also be adjusted to ensure the wire is fed into the centre of the weld pool.



A built in remote control panel eliminates the need for a separate and additional remote control unit!



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