

'TIGER' WELDING STATION



The Orbimatic 'TIGER' Welding Station is the ideal tool for welding long lengths of tube with fittings on each end. It can be controlled by the ORBIMAT C range of welding power supplies to give a precise a repeatable operation.

When used with the ORBIMAT C range of power supplies components can be provided with a data log file which details exact deviations during to welding cycle.

The 'TIGER' Welding Station has been designed for the pre-fabrication of tube & pipe work. The 'TIGER' welding station incorporates a tube/pipe clamp which is located on a 'Easi-Glide' X-Y slide. The clamp also rotates to allow 45° and 90° elbows to be welded to tube lengths.

The 'TIGER' head stock uses an internal purging and clamping mechanism which allows tube to be welded to fittings or even



allows fittings to be welded to elbows. As well as clamping the the tube and fitting the

internal clamping system will also remove any slight ovality from the tube and produce a perfect joint fit-up.

The head stock can also be fitted with studs when producing tube with bolted flanges to give perfect alignment of bolt holes to make fitting easy on site.

The 'TIGER' Welding Station makes it easy for a single operator to handle 6 meter lengths of tube or pipe during the welding operation. When connected to an ORBIMAT C orbital welding power supply you have the ideal welding station.



ORBIMAT C POWER SUPPLY

The 'TIGER' Flange Welding Station can be controlled by any of the ORBIMAT C range of Welding Power Supplies. These power supplies can be used the full weld cycle. This includes rotation delay, slope times, current, pulse times and rotation speed. They can store hundreds of welding programs including an application specification for each procedure.



ORBIMAT C WITH ORBITWIN

The ORBITWIN can be used to connect the 'TIGER' Welding Station and a Orbital Weld Head to the same power supply. The Orbitwin will automatically select the appropriate procedure from the ORBIMAT C power supply and transfer services to the weld head or welding station in use.



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