



TTS 40
tube-to-tube-sheet weld head

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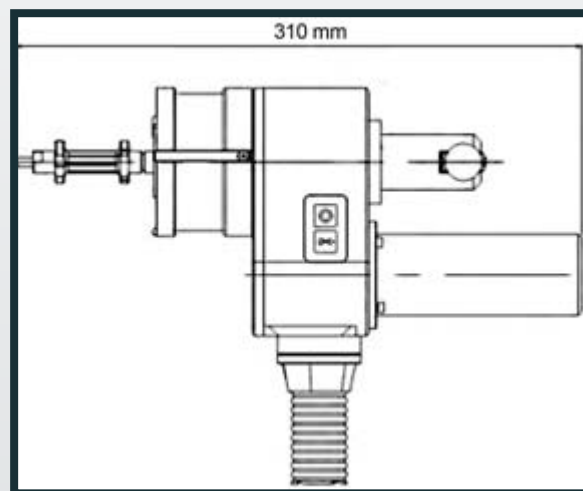
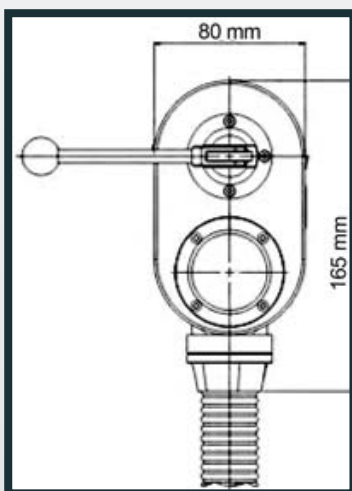
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FEATURES //

- Tube to tube sheet welding without filler wire
- Commonly used for stainless steel, titanium and nickel alloy tube to tube sheet welding
- Small, light and simple operation
- Uses localized guide for self-centering with optional spring balancer
- Expandable centering mandrel designed for precise positioning
- Enhanced water cooling system and high duty cycle for durability

STRUCTURAL DIMENSIONS AND DATA:

| | |
|----------------------------|---------------------------------------|
| Diameter Range mm (inches) | 16-38mm (.63" -1.5") |
| Rotation Speed (rpm) | 0.6 - 12rpm |
| Weight kg (lbs) | 3.5kg (8lbs) |
| Cooling | Water |
| Protective Gas | Ar / Mixed Gases |
| Standard Cable Length | 12m (40') |
| Joint Type | Flush |
| Tungsten Diameter | 2.4mm (3/32") |
| Welding Degree | 0° - 7° |
| Duty Cycle | 100 A at 70% |
| Dimensions (mm) | 310 x 80 x 165mm (12" x 3.15" x 6.5") |



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