



SPRING BALANCER

The spring balancer is specially designed for tube to tube weld heads. It helps assist with controlling the weld head based on positioning by balance. This accessory helps make the process of locating the center of the tube quick and easy as well as keeping the weld head stable.

PERFORMANCE

- Convenient for moving
- Adjustable weight loading range
- For tube to tube sheet weld heads

SPRING BALANCER (SB-1)

Loading (kg/lbs)	9-15kg (19-33lbs.)
Traverse (mm/inches)	2000mm (78")
Weight (kg/lbs)	3.8kg (8lbs.)

MANIPULATOR

The manipulator is also designed for tube to tube sheet welding. The manipulator allows the operation to be easy and convenient by controlling the position of the weld head by 3 moving axes and by using pneumatic locking. It also assists with locating the center of the tube and creates stability during the welding process.

PERFORMANCE

- Durable and stable steel construction
- Linear track for each axis for smooth and reliable operation
- Three-axes pneumatic locking system
- Two fixed and flexible wheels, easy to move
- For tube to tube sheet weld heads
- Patented design

MANIPULATOR (TPF-M)

	Milimeters	Inches
Height Between Tube and Ground	600mm	23.5"
X axis Traverse	1500mm	59"
Y-axis Traverse	1000mm	39.5"
Z-axis Traverse	450mm	17.5"
Weight	230kg	507 lbs
Dimensions	2080 x 1010 x 1850mm	81"x39.5"x72"



EXTERNAL / INTEGRATED WIRE FEEDER

PERFORMANCE

- Simple design
- Light weight, easy to carry
- Branded Servo motor driving system
- Loop control
- Stable wire feeding speed
- Compatible with all TPWH-O and TPWH-OA Series weld heads



WIRE FEEDERS

	EXTERNAL WIRE FEEDER (WFE-1)	INTEGRATED WIRE FEEDER (WFI-1)
Wire Feeding Speed (mm/inches)	100-1800 mm/min (4"-70")	100-1800 mm/min (4"-70")
Wire Diameter (mm/inches)	1.0mm (0.039")	0.8mm, 0.9mm, 1.0mm
Weight (kg/lbs)	7.34kg (16lbs)	1.5kg (3lbs.)

*Cable Length 4mm (12')