

Tractor welder MOST MT-2 (SAW)

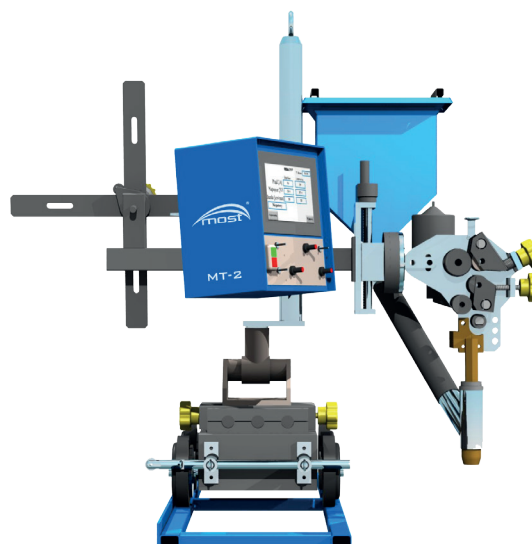


Tractor welder MOST MT-2 was designed for the submerged arc process in order to increase the efficiency and improve the quality of butt and fillet welds when flux welding. Simple and solid construction of this unit permits the wide range of its application, movement and mounting on various workstations. MT-2 was designed to handle the difficult industrial conditions at work, and can be used even in the most demanding applications of arc process.

Tractor MT-2 features 4-wheel drive system powered by clutch/regulator/gear/bar mechanism, and is driven by the tachometric-controlled electrical motor. Compact design permits easy set up and adjustment on work piece. Wire feeding is initiated by the electrical motor with the bearing tachometric motion control. Electronic system is controlled by microprocessor and permits the set-point stabilization in accuracy of 2%.

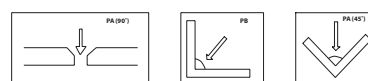
Power feeders MOST Ponte-800c/1000c ensure the voltage stability; current stabilization starts with an automatic adjustments of wire feed speed range to set current that measures the real-time performance. All these functions are controlled by fuzzy logic processor.

Control panel with a touch-sensitive display PLC fitted in for programming and parameters settings. This unit is equipped with internal memory that allows setting and restoring personal welding programs, current and welding voltage measurement, preliminary setup, voltage-current graph and linear energy transfer. Intuitive control system with an additional knob to set and correct all the most important operating parameters.



Standard version includes: tractor MOST MT-2, power feeder MOST Ponte-800c or 1000c, power-control wire 20m (2x95mm²) and earth wire 10 m (2x95mm² – ring terminals), track section 2x1,5m, torch extension arm for fillet welds, swivel mast up to 50°, swivel head up to 60°, 360° head rotation around mast, vertical support L80mm, flux container 6L, laser indicator of welding axis.

Technical data	MOST MT-2
Wire size range (mm)	2,0 – 5,0
Wire feed speed range (cm/min)	20 – 140
Rated output current at 60% DC(A)	1000
Rated output current at 100% DC (A)	800
Welding load voltage (V)	18 – 44
	24 DC
Range of carriage (mm)	18 – 44
	80
Welding load voltage (V)	18 – 44
	80



Optional equipment:

- sub-atmospheric system for flux draught
- equipment for transferred arc welding process.

Welding head MOST MH-2 suitable for application in automated welding systems, e.g. gantries or welding column & booms MOST MCBM, also available.