

# HIT - 18 - 1D

## MULTI - FUNCTION AUTOMATIC ORIZONTAL FILLET WELDING CARRIAGE SERIES



### TECHNICAL DATA

Model	Input Voltage (V)	Output Power (W)	Speed mm/min.	Attraction Force (Kg)	Torch adjust. range Up/Down-Left/Right (mm)	Torch Angle Adjustment	Way of Adsorption	Way of Positioning	Applicable Oscillator	Net Weight	Dimension mm
HIT-18-1D					50 ; 50			Top Whell	-----	10,2 Kg	300X410X200
HIT-18-1SD-2	DC24V	25W	0 ~ 900	30	50 ; 50	360	Built in perman magnet	Top Whell	-----	10,2 Kg	300X410X200
HIT-19					150 ; 50			Hanging Whell	HIT - 32	11,1 Kg	400X320X245

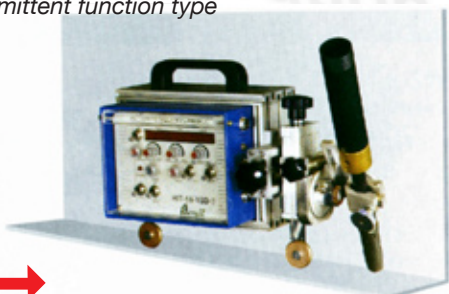
### MAIN FEATURES:

- HIT - 18 series can realize the 2T/4T function of welding power source, and the initiation/crater arc time can be set on the automatic welding carriage. All parameters are displayed on the digital LED, which is intuitive and can be adjusted accurately.
- HIT - 18 series applicable for horizontal fillet welding and vertical fillet welding. The welding torch locates on one end of the carriage, which can avoid decreasing of magnetic force of magnet caused by the welding heat deposited when the welding torch is on the center.
- HIT - 18 - 1SD - 2 carriage can realize intermittent welding function, the intermittent length and the stop welding length can be adjusted accurately. It can meet the special process requirements; reduce deformation of the work piece and save welding materials.
- Dust - proof and magnetization - proof desing for internal trasmission system can prolong the service life of the carriage.
- Gear drive adopted to avoid the defect of loose gap for chain drive.
- The tank can be welded to the plates and the tank diameter is  $\geq 1000\text{mm}$ .
- HIT - 10 carriage is equipped with HIT - 32 oscillator. It can weld the work pieces of different thickness with excellent process. Realize positioning and tracking with hanging wheels. The width of work piece at the bottom of the angle steel has no influence on welding.
- HIT - 19 is fixed with 2 rows of wheels holding the tracks.

### ACCESSORIES:

- Multi wirefeeder connections (6 m cable)
- 400A straight gun 4 m for heavy applications
- 8R supply model for application to different power source than TER (230V to 24Vac)

**HIT - 18 - 1SD - 2**  
Intermittent function type



**HIT - 19**  
Oscillation mode!

