

# MINI WELDING CARRIAGE



## Description

This machine is suitable to weld horizontal fillet joint. This equipment can automatically seam track to horizontal fillet joint with guide arm & roller. Operator can start & stop the carriage traveling & welding by push button. When there are some obstacle in front of carriage, the end limit switch will stop carriage traveling and welding automatically. This machine is lighter and more compact than conventional 1-torch welding carriage with powerful hauling force, because it is equipped with magnet block inside the machine. One operator is able to control several carriage, so can rise a productivity, and a semi-skilled worker can weld excellently with This welding carriage.



## APPLICATION

### A. usable welding joint

This mini welding carriage can be used for horizontal fillet welding, only applicable in case of welding line is straight or minimum work pass radius is over 3m

**Note:** This machine is not suitable to butt joint, in that case, you need some guide rail for carriage welding seam tracking. When used on non magnetic plate, carriage hauling force is very low so, carriage traveling will be unstable.

## Technical Details

Travel Speed	0 ~ 1000 mm/Min	Method of seam Tracking	2-Guide Rollers by tilting carriage
Travel Mechanism	4 -Rubber wheels and with magnet block	Hauling Force	16 Kgf
Up -Down Adjustment	± 17mm	Input Supply	230 Volts 1-Phase
Left-Right Adjustment	± 17 mm	Material Of Body	Al Casting
Working Angle	30° ~ 60 °	Heat resistance of Magnet	Max 150°C
Guide Roller Adjust	100 mm	Guide roller	Ø50mm with S45C Material
Dimensions	225(W) X 159(L) X 276 (H)		

Specification are subjected to change with out notice

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