

# Electrogas welding unit Hyundai SS-EGW DIGITAL-1W

## General description

- Currently the most compact EG welding machine available, guidance by means of a magnetic rail
- Primarily made of aluminium (weight of basic machine: 15 kg)
- Allows single-layer welding of plates up to 30 mm thick in the uphill welding position (PF) for seams from 0.5 approx. 30 m in length
- Thyristor-controlled welding current source, max. 600 A and 50 V at 100 % ESD



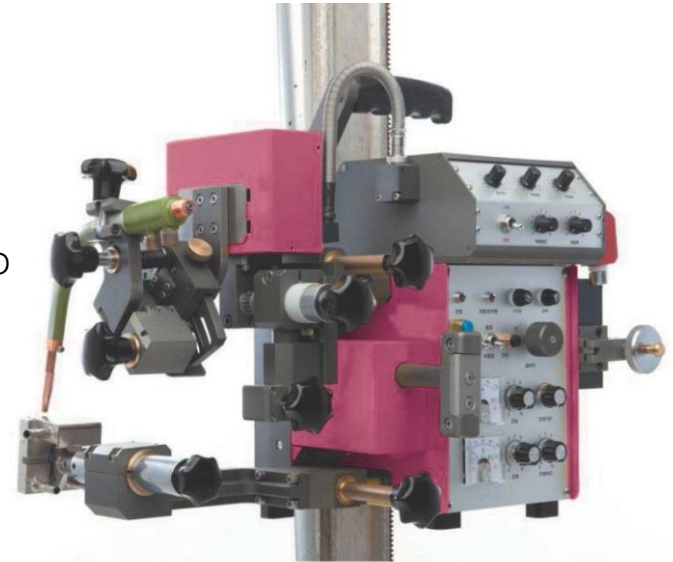
SS-EGW DIGITAL-1W in shipbuilding

## Technical data/controller

- Automatic welding speed regulation with constant stick-out ( $\Delta l$ )
- Max. welding speed 15 m/h
- Digital display for welding current and welding voltage
- Water-cooled copper sliding shoe, root protection by means of ceramic bath protection
- Welding nozzle oscillation for plate thicknesses  $t > 20$  mm

## Fields of use / applications

- Proven welding machine in asian shipbuilding and container construction
- Test unit for the development of EG welding consumables and technology testing adapted to European production conditions



SS-EGW DIGITAL-1W mounted on magnetic rail



Macrosection EG weld seam,  $t = 18$  mm