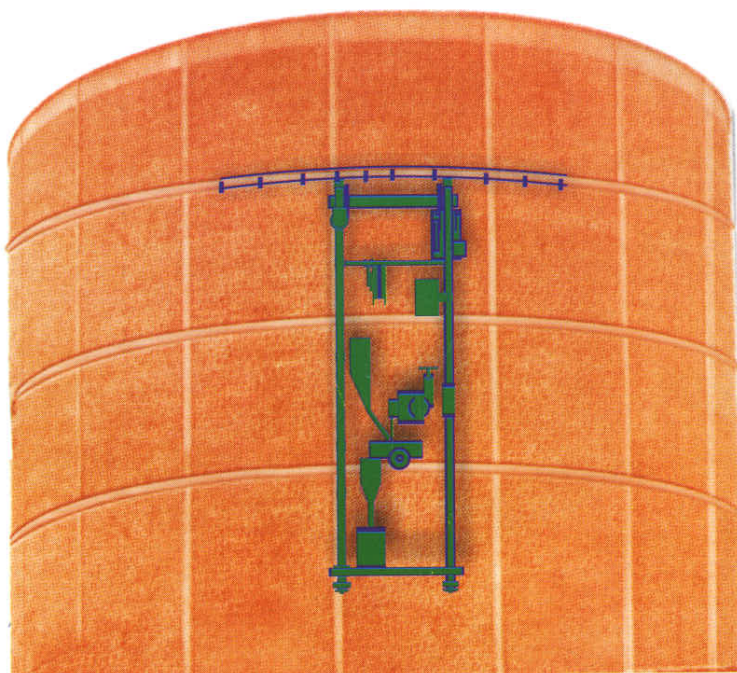


AUTOMATIC GIRTH WELDER : MGW



**CLEAT MOUNTING
GIRTH WELDING**
(for JACK UP
FABRICATION)



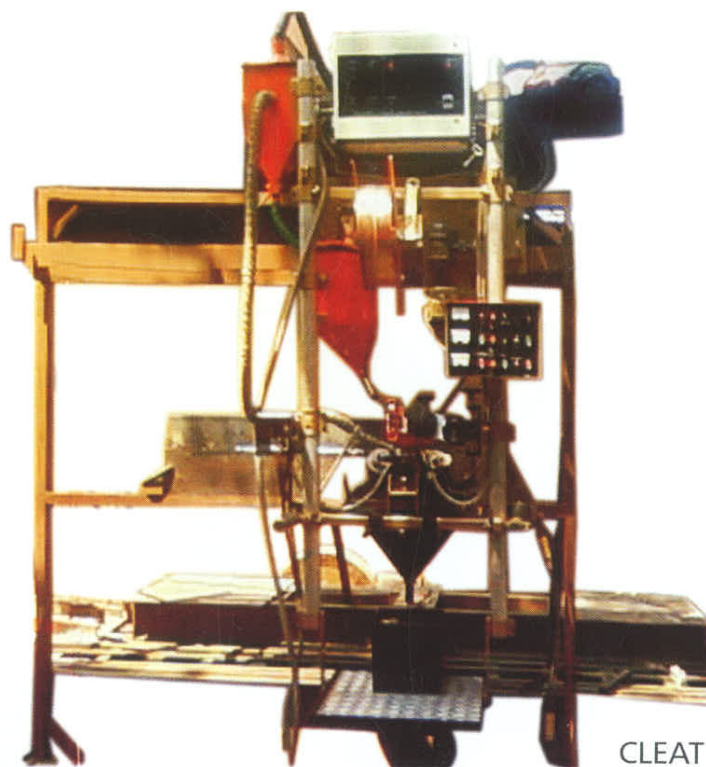
**SHELL MOUNTING
GIRTH WELDING**

MEMCO MGW Automatic Girth welding machine reduces the horizontal welding time up to 40%. It is an automated system that speed up construction of horizontal storage tanks. There are two types of erection. One is the erection by jacking system and the other is by shell to shell construction. In jacking system of construction of tank, the girth welding machine is mounted on Cleat. Whereas, in shell to shell type of construction of tank the Girth welding machine is mounted on the shell periphery.

The overall structures of MGW consist of balanced sturdy frame. Tubular adjustable frame provides efficient welding of shells of various height.

OPTIONAL : Flux recovery unit

AUTOMATIC GIRTH WELDER : MGW



CLEAT MOUNTING
(with FLUX RECOVERY UNIT)



SHELL MOUNTING

Operating at a speed of 100mm to 1500mm per minute, the MGW can be mounted on plates as thick as 45mm and diameter from 8 meters to the max. diameter whatever.

Ergonomically designed for efficiency, convenience and accessibility, the MGW includes the Memco Power Source of 1200 Amps and Welding head fitted with Nozzle, Nozzle holder, Wire Feeder, Wire straightener, cross and vertical Slides of 75mm strokes, flux Belt and wire Spool.

The MGW straddles the tank shell plates, traveling on serrated steel drive wheels that can be adjusted for various tank diameters.