AUTOMATIC VERT BUGGY

Automatic Vert Buggy / AVB (A.K.A. Automatic Shell Buggy)

- 2 drive motors for reliable horizontal travel.
- Independent motorized vertical lift system on each side of the buggy that allows for one side of the AVB working platform to raise and lower while the other side stays stationary.
- For use on a tank shell plate width (height) range of 6'-12' (1.8m-3.6m) and a minimum tank diameter of 15' (4.5m) no maximum tank diameter.
- AVB has 150mm to 350mm or 6in to 14in clearance between the frame and the tank shell plate when it is used over key plates and tank shell plate stiffeners.
- AVB provides the operator motorized access to both horizontal and vertical joints on the tank shell which can significantly increases production compared to using manual shell buggies for the same task.
- Axillary power supply outlets inside the AVB platforms to run hand tools such has small grinders and lights.
- Electrical system is designed on a case-by-case basis at the time the AVB order is placed to work with the power supply that is available in the area of the world where the AVB will be used.

(**1**) The AVB top frame has a load-bearing capacity of 10,000lb (4536KG). Has lifting lugs and anchor points for when equipment load arrestors are used between the upper frame and the lower working platform frame as an added safety feature.

(**2**) Each side of the working platforms has a capacity of 397lb (180KG) and is 48" x 21.6" (1220mm x 550mm) when retracted, and the frame can be expanded for a working area of 48" x 31.5" (1220mm x 800mm).

(**3**) Adjustable roller assemblies designed to press against the tank shell plate to add stability to the lower buggy frames.

(**4**) The tool holders are removable plates that can hold grinders, hammers, and bull pins.

- Lifting lug type anchor points welded to the outside of the upper frame and the working platform so equipment load arrestors can be added.
- Fall protection device anchor points above the ladders on the top of the buggy vertical structure.