

# AUTOMATIC VERT BUGGY

## Automatic Vert Buggy (AVB) standard features:

- 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.
- Anchor points on the outside of the upper frame and the lower frame so equipment load arrestors can be added between the frames when required.
- Provides the operator with motorized access to both horizontal and vertical joints on the tank shell which can significantly increase production compared to using manual shell buggies for the same task.
- Retractable operator platform is designed to fit in narrow spaces then extend to give the operator more room. Frame depth 550mm to 800mm or 21.6in to 31.4in when the operator platform frame is retracted or extended.
- Personnel fall restraint device anchor points above the ladders on the top of the buggy vertical structure.
- Electrical system is designed on a case-by-case basis to work with the power supply that is available.
- Horizontal travel motors at a speed of 50-1500mm per min or 1.96-59in per min when wired for 110V power supply or at a speed of 100-2650mm per min or 3.9-104in per min when wired for 220V power supply.
- Axillary power supply outlets inside the AVB platforms to run hand tools such as small grinders and lights.
- The tool holders are bolted plates that can hold grinders, hammers, and bull pins.
- Adjustable platform wheel assemblies designed to press against the tank shell plate to add stability to the lower buggy frames.
- For use on a tank shell plate width (height) range of 5.9ft - 11.8ft or 1.8m - 3.6m.
- Minimum tank diameter this buggy can be used on is 4.5m or 15ft there is no maximum tank diameter.
- Frame to shell plate clearance 150mm/250mm/350mm or 5.9in/9.8in/13.7in.
- Each side of the working platforms has a capacity of 397lb or 180KG.
- Upper frame has a load-bearing capacity of 10,000lb or 4536KG.
- Only available as a double sided AVB frame design.
- Weight of double sided AVB 630KG or 1389LB.
- Frame height can be reduced for shipping as shown on the packing height drawing.

## Optional features:

- Equipment load arrestors between the upper and lower frames for an additional level of safety.



Packing height of Main part:

