


Powered elevating head and tailstock provides maximum efficiency/throughput and minimizes safety concerns when lifting and rotating heavy work pieces.

The head and tailstock are elevated by means of a hardened stainless-steel screw with low friction re-circulating ball screw and nut, electrically synchronized between the head and tailstock.

**Our Port-A-Lift capacity range starts from 3000lb (1,361kg).**

## Configurations See page 2

- Headstock • Head & Tailstock
- Pallet Jack Style • Stationary or On Floor Rail
- With Chuck or Face Plate • Face Plate with Plain or T-slots
- Man-O-Matic •  Miller ITW Centerpoint

## Specification

Model	PAL Port-A-Lift
Capacity	Up to... 10,000lb (4,500kg) (at 6in (152mm)) (C of G and 6in (152mm) eccentricity)
Rotation Speed	Variable Speed 0.07rpm - 1.4rpm
Rotation Motors	1hp (0.75kW) - 1.5hp (1.1kW)
Rotation Torque Range	2,893 lb/ft (400kg/m) - 5,786 lb/ft (800 kg/m)
Table Diameter Options	28in (710mm) - 36.2in (920mm)
Degree of Table Rotation	360 degrees
Elevation Travel	68.5in (1740mm)
Elevation Motor	2hp (1.5kW)
Primary Input Power	380 to 480 V, 3 phase, 50/60Hz (optional 600 V, 3 phase, 60Hz available)
Input Current at Rated Load	12A
Ground Capacity	600A
Control Capability Option	Push button pendant, 33ft (10m) control cable Graphic interface via 32" monitor
Pendant Control Functions	Table forward/stop/reverse, variable speed elevate up/elevate down, arm rotation forward/reverse and emergency stop
Height	107in (2715mm)
Width	48in (1225mm)
Weight	4,000lb (1800kg) total
Inside Track Width (Tailstock)	40in (1016mm)

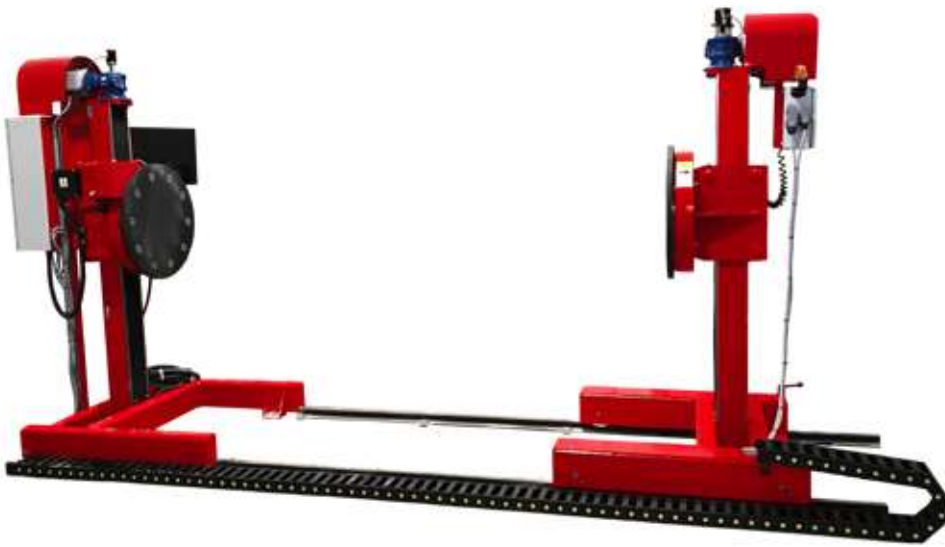


## Optional Equipment

to pair with the PAL to optimise productivity.

- Welding chucks ①
- Adjust-O-Stands ②





## Man-O-Matic

### Optional Software for our Head, Head/Tail stocks or any of our positioning portfolio:

Man-O-Matic controller enables a sequence of pre-determined positions to be set. The operator selects the sequence for the component being welded and by initiating a forward or reverse button, foot switch or interfaced equipment such as a trigger pull from a semi-automatic wire feeder the weldment is then moved to the next pre-programmed position.



With X3 Chuck

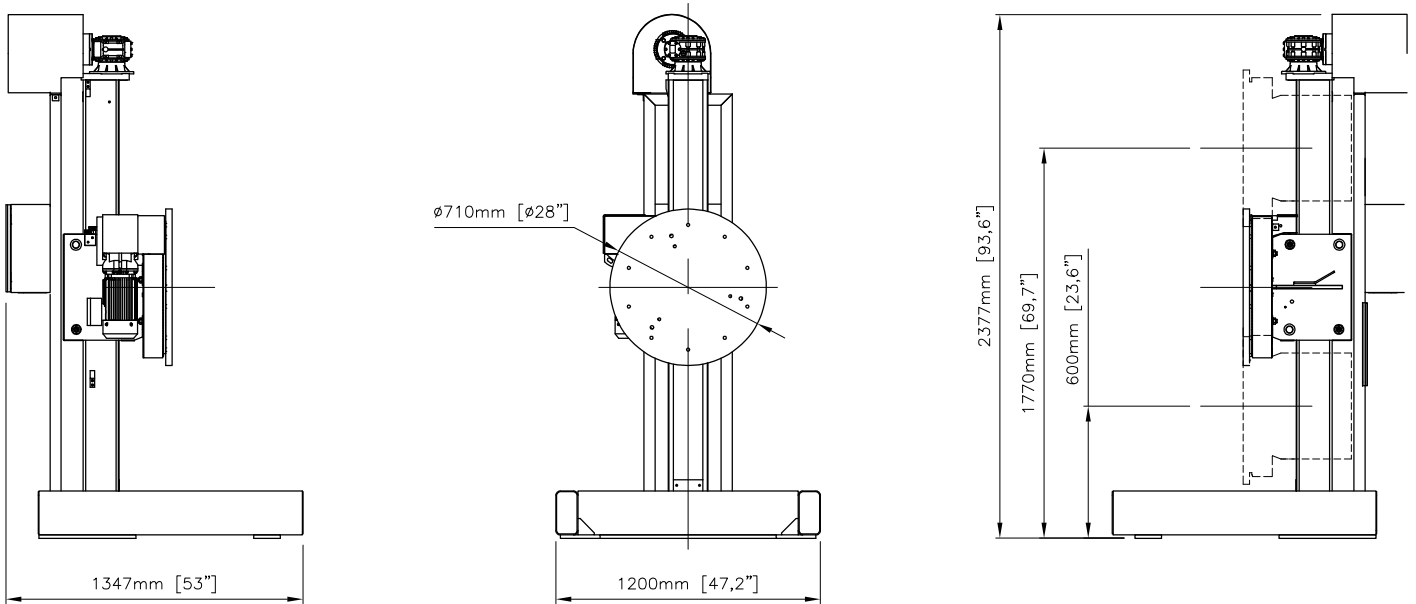


Pallet Jack Style

Face Plate



## Headstock



## Tailstock

