

## WELDING LATHE



The Arcaft Plasma Welding Lathe has been innovatively engineered to provide a versatile platform for high production circumferential welding applications with superior accurate and repeatable results .

You can use GTAW ( TIG ) , PAW ( Plasma welding ) , MIG & FCAW process whether used for simple or complex components . The system consists of a/c geared headstock designed to accommodate a chuck , faceplate or any required fixture , an adjustable weld head mounting post that rides on a precision base and a pneumatic cylinder operated tailstock.

The Headstock rotation & the welding process sequencing are controlled by microprocessor control.

The control panel has digital screen with simple touch pad controls.

### Features:

1. Accurate motorized Spindle.
2. A/C Geared motor driven Headstock with 0.2 to 2 rpm speed range ( higher or lower speeds available on request ).
3. Precision fabricated MS lathe bed.
4. 500 mm diameter part swing . Larger capacity available on request.
5. 1200 mm part length capacity.
6. Manually adjustable tailstock & torch mast including torch swivel.
7. Part weight capacity of 2 tonne.
8. Mounting flange on headstock to accept optional tooling.
9. 400A welding ground.
10. Pneumatic lever operated tail stock with retract 2" stroke.
11. Suitable tooling to hold your job. Roller support for job can be provided.

### Specifications:

Headstock Operation	A/c geared motor
Speed Range (rpm)	0.2 – 2
Tailstock Operation	Pneumatic lever
Payload Capacity (Kg)	0 – 2000
Diameter Capacity (mm)	0 – 500
Length Capacity (mm)	0 – 1200

### Optional:

1. Arc voltage controls (AVC)
2. Servo driven wire feeder
3. Motorized torch mast **for linear welding applications**
4. Pneumatic torch retractors sequenced by the system controller
5. Synchronised arc length control, cold wire feeder & magnetic arc control systems

**Custom built lathes and supporting automation can be manufactured as per the job requirement.**

Specifications are subject to change without notice

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