

# Welding Lathes



The **Arcraft 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.

## Special Features

1. Accurate motorized Spindle with through bore 2.85" diameter
2. A/C Geared motor driven Headstock with 0.5 to 5 rpm speed range ( higher or lower speeds available on request )
3. Precision fabricated MS lathe bed
4. 12" (305 mm) diameter part swing . Larger capacity available on request.
5. 18" (455mm) part length capacity
6. Manually adjustable tailstock & torch mast including torch swivel
7. Part weight capacity of 250 lb ( 113 kg)
8. Mounting flange on headstock to accept optional tooling
9. 200A welding ground
10. Pneumatic lever operated tail stock with retract 2" stroke
11. Cold wire feeder available.

## 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

**We provide welding process integration & weld testing of your jobs as per International Codes.**

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

Represented by :



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*Note : Specifications subject to change without notice*