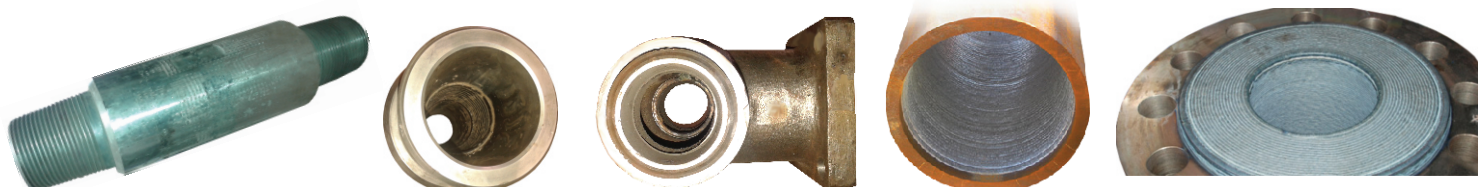


## BORE WELDING / CLADDING



The Bore Welding / Cladding Machine is a rugged weld head for high-production ID cladding applications using the MIG process. It is intended for small-diameter ID cladding and ID welding.

### Applications:



### Features:

- Up to 4000mm Torch Stroke
- 50mm Minimum pipe dia
- Torches available for cladding or groove welding applications
- Water cooled torch
- Clockwise & counter clockwise rotation
- Circular, Segment, Spiral Welding
- Wire feeder mounted over boom
- 0.8, 1.2, 1.6, 1.8, 2.5mm wire size
- Runs solid, flux core, SS, inconel & aluminum wires
- Aluminum rack-and-gear drive for consistent travel speeds in linear positions (no friction drives)
- Adjustable Step Over
- Options available: TIG, PTA Process

The latest in bore welder advancements. Our system surpasses current bore welder technology.

The control panel guides the user step by step through the various modes available; Circular weld, Segment weld and Spiral weld.

The Bore welder is a full function MIG system for ID or OD weld build up, it utilizes step technology, and it works with a wide array of wire. Its extensive bore range of 50mm and above gives this machine more range than any other.

The machine is rated at 500 Amp, allowing to use standard 0.8 to 2.5mm wire for extended run times. It is capable of running many types of wire including solid, flux core, stainless, inconel and aluminum bronze.



URS is a member of Registrar of Standards (Holding) Ltd.

# ARCRAFT PLASMA EQUIPMENTS (I) PVT. LTD.

## Main Unit

|                       |                                           |
|-----------------------|-------------------------------------------|
| Input Supply          | : 415 VAC / 50 - 60 Hz / 3 Phase / 4 Wire |
| Output OCV            | : 16 - 39 V                               |
| Welding Current       | : 50 - 500 Amp DC                         |
| Make                  | : Lincoln electric                        |
| Weight                | : 56 Kg                                   |
| Dimension (H x W x L) | : 480 x 350 x 840                         |
| Display               | : Digital                                 |



## Wire Feeder

|                |                           |
|----------------|---------------------------|
| Wire Size (mm) | : 0.8, 1.2, 1.6, 1.8, 2.5 |
| Wire Type      | : Solid & Flux cored      |
| Speed          | : 1.5 - 22 Mtr / Min      |
| Type           | : Positive Displacement   |



## Water Chiller – Re-circulator

|                    |                  |
|--------------------|------------------|
| Flow Rate          | : 5 LPM          |
| Outlet Temperature | : 10 - 30 Deg. C |
| Tank Capacity      | : 25 / 50 Liters |



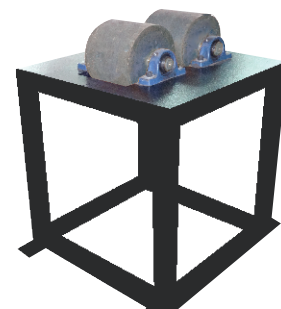
## Controller

|          |                                                                                         |
|----------|-----------------------------------------------------------------------------------------|
| Display  | : Alpha numeric LCD                                                                     |
| Keypad   | : Membrane                                                                              |
| Programs | : Circular, Segment & Spiral<br>Full function timer based for fully automatic operation |



## Rollers

|                 |                                      |
|-----------------|--------------------------------------|
| Weight Capacity | : 500 / 1000 / 1500 / 2000 / 2500 Kg |
| Surface Speed   | : 100 mm / min to 1000 mm / min      |
| Rotation        | : Clockwise, Counter clockwise       |



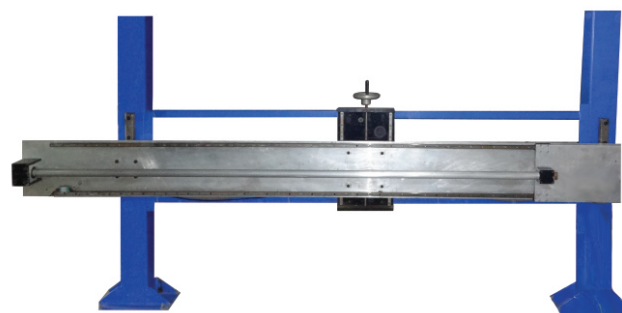
## Torch

|                  |                |
|------------------|----------------|
| Current Capacity | : 500 Amp      |
| Cooling          | : Water cooled |
| Minimum pipe dia | : 50mm         |



## Torch Traveller

|                   |                                      |
|-------------------|--------------------------------------|
| Horizontal Stroke | : 500 / 1000 / 2000 / 3000 / 4000 mm |
| Vertical Stroke   | : 250 / 500 / 750 / 1000             |
| Job Dia           | : 50 mm to 1000 mm                   |
| Auto Stepper      | : 0 - 99 ± 1 mm                      |



Specifications are subject to change without notice

124, Diamond Industrial Estate, Ketkipada, Near Check Naka, Dahisar (East), Mumbai- 400068. INDIA.

Tel : 00-91-22-28965890, 28965745, 28963247, 9930043287, Fax : 00-91-22-28966418

Email : [arcraftplasma@gmail.com](mailto:arcraftplasma@gmail.com), [arcraft@vsnl.com](mailto:arcraft@vsnl.com), Web : [www.arcraftplasma.com](http://www.arcraftplasma.com), [www.plasmaweldings.com](http://www.plasmaweldings.com)