

# RIYANG

## ARMOR 1200i/48i



Riyang ARMOR 1200i/48i is a high-performance fusion welding machine with trailer mobility, designed to excel on construction sites. It boasts a welding range from 630mm to 1200mm or 24" to 48", adhering to ISO21307 and ASTM F2620 high-force standard. With a fully automated system featuring SIEMENS PLC technology, ARMOR 1200i/48i ensures precision and reliability. This machine guarantees strength and accuracy for all your high pressure welding needs.

## FEATURES

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> The frame structure with a guide rail design enhances strength and even distribution of welding force                                | <input checked="" type="checkbox"/> Hydraulic pivoting heating plate with protection frame and insulated shield. Heating element is changeable |
| <input checked="" type="checkbox"/> Hydraulic pivoting high capacity trimmer driven by electric motor  | <input checked="" type="checkbox"/> Removable machine chassis for in-ditch use   |
| <input checked="" type="checkbox"/> Removable 4th jaw for enhanced convenience in fusing prefabricated fittings onto the pipe  | <input checked="" type="checkbox"/> Strong jaws and inserts keep pipe from slipping during fusion  |
| <input checked="" type="checkbox"/> Hydraulic pipe lift on both sides aimed in loading and unloading pipe  | <input checked="" type="checkbox"/> Rugged outriggers for stability  |
| <input checked="" type="checkbox"/> Hydraulic clamping   | <input checked="" type="checkbox"/> Data logger (PEWELDBANK) is compatible (manual version)  |
| <input checked="" type="checkbox"/> Removable control panel with data-logging, memory up to 30000 welding reports; USB port for welding data download / firmware upgrade | <input checked="" type="checkbox"/> Easy welding procedure achieved by operator just pressing the button                                       |



# PARAMETER

## MODELS

902306120, ARMOR 1200i	Automatic, High Force,
902306048, ARMOR 48i	220/380V, 50/60Hz, 3 Phase
902307120, ARMOR 1200	Manual, High Force,
902307048, ARMOR 48	220/380V, 50/60Hz, 3 Phase

## CAPACITY

Welding Range	630mm-1200mm, 24" IPS - 48" IPS
Inserts Type	Multi aluminum inserts

## POWER

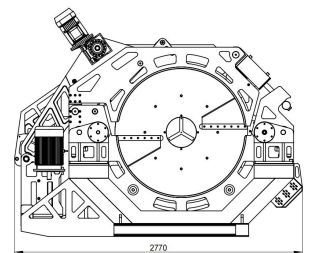
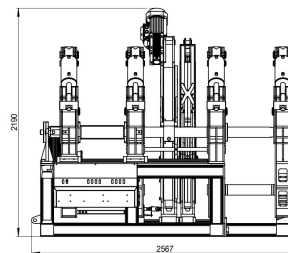
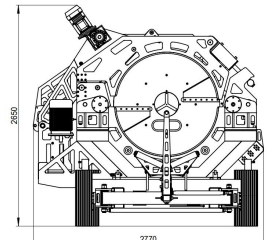
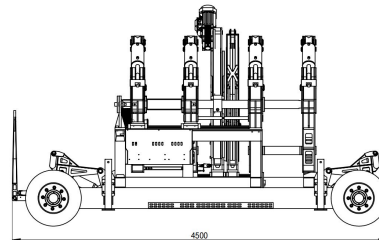
Heater	24 kW
Trimmer	4 kW
Hydraulic Motor	11 kW

## HYDRAULIC

Sytem Pressure	180 Bar (2610 PSI) Max.
Hydraulic Reservoir Capacity	95 Liters (25 Gallons)

## CHASSIS

Frame	Welded steel tube construction
Front Axle	Articulating
Tires	High-flotation inflatable tires
Transportation	Pulled via towing ring
Machine Carriage	Removable



## WEIGHT

Machine	9350 Kg (20570 lbs.), including inserts
Shipping	9350 Kg (20570 lbs.), including inserts

## DIMENSION

Machine	4500mm x 2770mm x 2650mm 177" x 109" x 104"
Machine Carriage	2567mm x 2770mm x 2190mm 101" x 109" x 86"
Shipping	4500mm x 2770mm x 2650mm 177" x 109" x 104"

## OPTIONAL CONFIGURATION

Inserts	
Stub End Device	
Mobile Support Roller	
Data Logger	Compatible with manual version