

# RIYANG

## ARMOR 630i/24i



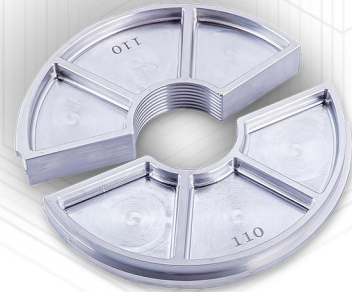
Riyang ARMOR 630i/24i is a high-performance fusion welding machine with trailer mobility, designed to excel on construction sites. It boasts a welding range from 315mm to 630mm or 12" to 24", adhering to ISO21307 and ASTM F2620 high-force standard. With a fully automated system featuring SIEMENS PLC technology, ARMOR 630i/24i ensures precision and reliability. Crafted from premium aluminum components, this machine guarantees strength and accuracy for all your welding needs.

## FEATURES

- |  |   |
|--|---|
| ✓ The dual-axis structural frame ensures strength and even distribution of welding force   | ✓ Hydraulic pivoting heating plate with protection frame and insulated shield |
| ✓ Hydraulic pivoting high capacity trimmer driven by hydraulic power   | ✓ Removable machine chassis for in-ditch use                                  |
| ✓ Removable trimmer for welding short spigot   | ✓ ISO insert with quick install/release system                                |
| ✓ Strong jaws and inserts keep pipe from slipping during fusion  | ✓ Hydraulic pipe lift on both sides aimed in loading and unloading pipe       |
| ✓ Rugged outriggers for stability  | ✓ Hydraulic clamping  |
| ✓ Data logger (PEWELDBANK) is compatible (manual version)  | ✓ Easy welding procedure achieved by operator just pressing the button        |
| ✓ Removable control panel with data-logging, memory up to 30000 welding reports; USB port for welding data download / firmware upgrade |   |



**RIYANG**<sup>TM</sup>  
INSPIRED BY FUSION WELDING



# PARAMETER

## MODELS

902306630, ARMOR 630i	Automatic, High Force,
902306024, ARMOR 24i	220/380V, 50/60Hz, 3 Phase
902307630, ARMOR 630	Manual, High Force,
902307024, ARMOR 24	220/380V, 50/60Hz, 3 Phase

## CAPACITY

Welding Range	315mm-630mm, 12" IPS - 24" IPS
Inserts Type	ISO aluminum inserts

## POWER

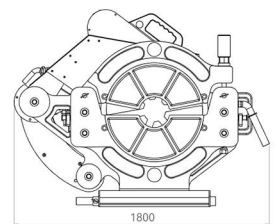
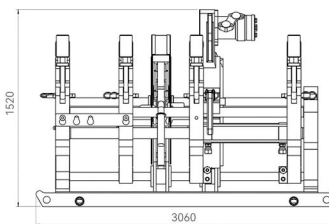
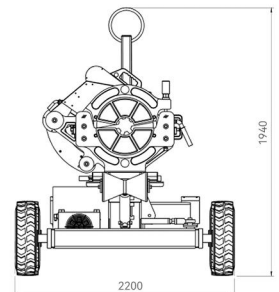
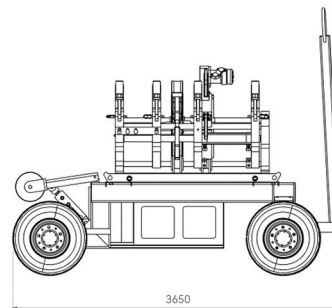
Heater	9.3 kW
Trimmer	Hydraulic
Electric Motor	6 kW

## HYDRAULIC

Sytem Pressure	160 Bar (2320 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	2980 Kg (6556 lbs.), excluding inserts
Shipping	3180 Kg (6996 lbs.), excluding inserts

## DIMENSION

Machine	3650mm x 2200mm x 1940mm 143" x 87" x 76"
Machine Carriage	3060mm x 1800mm x 1520mm 120" x 71" x 60"
Shipping	3750mm x 2280mm x 2050mm 148" x 90" x 81"

## OPTIONAL CONFIGURATION

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