



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

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| ☒ The frame structure with a guide rail design enhances strength and even distribution of welding force | ☒ Hydraulic pivoting heating plate with protection frame and insulated shield. Heating element is changeable |
| ☒ Hydraulic pivoting high capacity trimmer driven by electric motor | ☒ Removable machine chassis for in-ditch use |
| ☒ Removable 4th jaw for enhanced convenience in fusing prefabricated fittings onto the pipe | ☒ 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) |
| ☒ Removable control panel with data-logging, memory up to 30000 welding reports; USB port for welding data download / firmware upgrade | ☒ Easy welding procedure achieved by operator just pressing the button |



RYANG™
INSPIRED BY FUSION WELDING



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

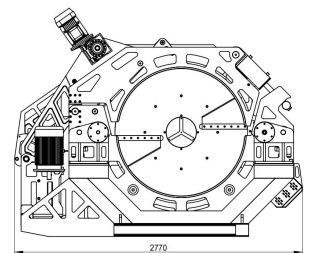
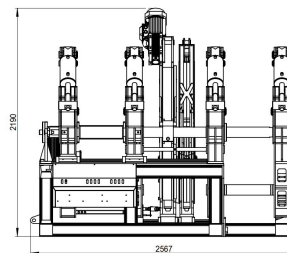
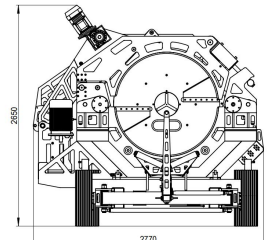
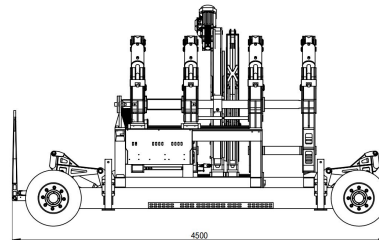
Heater	24 kW
Trimmer	4 kW
Hydraulic Motor	11 kW

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