

RIYANG

ARMOR 355i



Riyang ARMOR 355i is a high-performance fusion welding machine with trailer mobility, designed to excel on construction sites. It boasts a welding range from 110mm to 355mm or 4" to 14", adhering to ISO21307 and ASTM F2620 high-force standard. With a fully automated system featuring SIEMENS PLC technology, ARMOR 355i 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

✓

On-board heating plate with protection frame and insulated shield
- ✓

On-board high capacity trimmer driven by hydraulic power

✓

Removable machine chassis for in-ditch use
- ✓

Dragging bar designed to weld between the 3rd and 4th clamp

✓

Removable trimmer for welding short spigot
- ✓

Single size insert with quick install/release system

✓

Strong jaws and inserts keep pipe from slipping during fusion
- ✓

Hydraulic pipe lift used to loading and unloading pipe

✓

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

PARAMETER

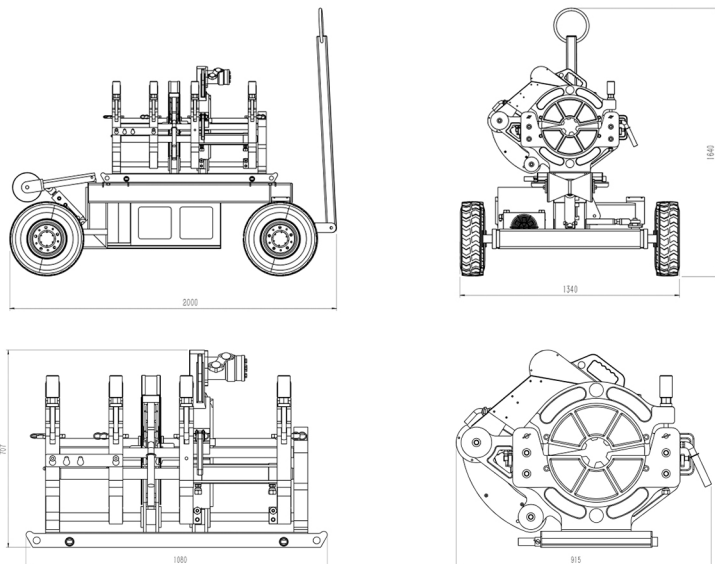
MODELS	
902306355, ARMOR 355i	Automatic, High Force, 220/380V, 50/60Hz, 3 Phase
902307355, ARMOR 355	Manual, High Force, 220/380V, 50/60Hz, 3 Phase

CAPACITY	
Welding Range	110mm-355mm, 4" IPS - 14" IPS
Inserts Type	Single insert

POWER	
Heater	4 kW
Trimmer	Hydraulic
Electric Motor	4 kW

HYDRAULIC	
Sytem Pressure	110 Bar (1595 PSI) Max.
Hydraulic Reservoir Capacity	23 Liters (6 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	600 Kg (1320 lbs.), excluding inserts
Shipping	750 Kg (1650 lbs.), excluding inserts

DIMENSION	
Machine	2000mm x 1340mm x 1640mm 79"x 53"x 65"
Machine Carriage	1080mm x 915mm x 707mm 43"x 36" x 28"
Shipping	2230mm x 1520mm x 1640mm 88" x 60" x 65"

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

