



Racking KR 1 with S 350 i x 4



Main Applications

- Steel fabricator
- Metal tanks
- Sheet metal works
- Shipyards
- Construction
- Medium to heavy industries
- Chemical and process industry
- Mechanical and electrical

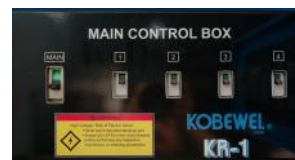
Process

- MMA (SMAW)
- TIG (GTAW)

Advantageous

- Safety in electricity control panel, the primary and secondary main control breaker (MCB) for the rack and machines
- Its a three phase power source with Thyristor control, so welding current is electrically adjusted to assure excellent stable arc for quality welding
- Suitable for MMA and TIG processes in direct current for superb welding operations on steel, stainless steel, etc
- The forced air cooling system and thermal overload protection strengthen the quality and the robustness of the machine
- Robust all weather casing, covers and protects machines
- 4 machines in one racking to make jobs easier
- Designated fork pockets for forklift mobilization
- Lifting eye for easy mobilization on overhead lifting
- MMA / SMAW DC Inverter welding machine, feature exceptional ignition and welding properties
- Compact, robust design and user friendly panel design
- IGBT Inverter Technology for more durability
- Can weld cellulose electrode
- Adjustable hot start for easily starting welding current
- Voltage Reduction Device (VRD) system, especially for use in hazardous environments such as construction sites, shipyards and mines.
- Adjustable arc force for easily control the arc
- Digital display for accurate welding amperage adjustment
- Selector switch for TIG welding with Lift Arc ignition
- Remote control device for S 350 i

Specifications	Racking KR 1 - S 350 i x 4
Electrode range	1.6 - 8.0 mm
Welding range	20 - 350 A
Open circuit voltage	81 V DC
Duty cycle at max. current	100 %
Suitable for	SMAW = MMA GTAW = TIG
Input voltage, Tolerance	380 V, ± 20 %
Frequency	50 / 60 Hz
Input phase	3 Phase
Input Power at 80%	15 KVA
Insulation class	F
Index protection	IP 23
Weight (include machines)	260 Kg
Dimension (L x W x H)	1450 x 790 x 1850 mm



Main Control Box



Robust lifting hook



Fork pockets for forklift

Item Code	Item Name	MoQ
101.02.004.4	Racking KR 1 with S 350 i x 4	1 Set
	<ul style="list-style-type: none"> • Racking KR-1 • 4 units MMA DC IGBT Inverter S 350 I • Remote control RC-02 	

Item Code	Item Name	MoQ
Standard Accessories		
208.08.007	Lug to Ground Clamp 600 A, 50 mm ² at 5 m	1 Set
208.07.005	Lug to Electrode Holder 400 A, 50 mm ² at 5 m	1 Set

Optional Accessories for SMAW / MMA

208.03.006	Plug to Electrode Holder 400 A, 50 mm ² at 10 m	1 Set
208.03.007	Plug to Electrode Holder 400 A, 50 mm ² at 20 m	1 Set

Optional Accessories for GTAW / TIG

208.17.006	Tig Torch - WP 17 V-25-2 at 8 m	1 Set
208.17.007	Tig Torch - WP 26 V-25-2 at 8 m	1 Set
201.23.001	Argon Gas Regulator	1 Pcs

General Accessories

208.18.001	Torch Holder - TIG	1 Pcs
201.22.009	Welding Helmet - Solarmatic Blue	1 Pcs
201.22.010	Welding Helmet - Solarmatic Red	1 Pcs
201.22.011	Welding Helmet - Solarmatic Green	1 Pcs



Material	Thickness mm	Tungsten Ø mm	Welding Current A	Alumina Ceramic Nozzle
Steel / Stainless Steel	1.0	1.6	10 - 60	4
	1.5	1.6	40 - 80	5
	2.0	1.6	70 - 120	5
	3.0	1.6 - 2.4	90 - 150	6
	4.0	2.4	140 - 180	7
Copper	1.0	1.6	60 - 80	4
	1.5	1.6	100 - 150	5
	3.0	2.4	150 - 180	6