



## Racking KR1 with S 500 i x 4



### Main Applications

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

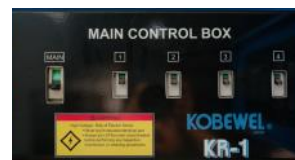
### Process

- 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 500 i

Specifications	Racking KR 1 - S 500 i x 4
Electrode range	1.6 - 10.0 mm
Welding range	20 - 500 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%	25 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
101.02.005.3	<b>Racking KR 1 - S 500 i x 4</b>	<b>1 Set</b>
	<ul style="list-style-type: none"> <li>• Racking KR-1</li> <li>• 4 units MMA DC IGBT Inverter S 500 I</li> <li>• Remote control RC-02</li> </ul>	

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

**Optional Accessories for SMAW / MMA**

208.07.001	Lug to Electrode Holder 600 A, 70 mm <sup>2</sup> at 5 m	1 Set
208.07.002	Lug to Electrode Holder 600 A, 70 mm <sup>2</sup> at 10 m	1 Set
208.07.003	Lug to Electrode Holder 600 A, 70 mm <sup>2</sup> at 20 m	1 Set
208.08.004	Lug to Ground Clamp 600 A, 70 mm <sup>2</sup> at 5 m	1 Set
208.08.005	Lug to Ground Clamp 600 A, 70 mm <sup>2</sup> at 10 m	1 Set
208.08.006	Lug to Ground Clamp 600 A, 70 mm <sup>2</sup> at 15 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