



## Racking KR-01 - KA 302 x 4



### Main Applications

- Steel fabrication
- Metal tanks
- Sheet metal works
- Ship building

### 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
- Built for versatile and efficiency to meet the requirement of today's medium and heavy Industries applications
- 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

Specifications	Racking KR-01 - KA 302 x 4
Electrode range	1.6 - 7.0 mm
Welding range	15 - 320 A
Open circuit voltage	80 V DC
Duty cycle at max. current	60 %
Suitable for	SMAW = MMA GTAW = TIG
Input voltage, Tolerance	380 V, ± 10 %
Frequency	50 / 60 Hz
Input phase	3 Phase
Power consumption	96.8 KVA
Insulation class	H
Index protection	IP 23
Weight ( include machines )	860 Kg
Dimension ( L x W x H )	795 x 1448 x 1858 mm



Main Control Box



Robust lifting hook



Fork pockets for forklift



Item Code	Item Name	MoQ
101.03.005	Racking KR-01 - KA 302 x 4	1 Set
	<ul style="list-style-type: none"> <li>• 4 units MMA DC Rectifier KA 302</li> <li>• Racking KR-1</li> </ul>	

Item Code	Item Name	MoQ
<b>Standard Accessories</b>		
208.03.005	Plug to Electrode Holder 400 A, 50 mm <sup>2</sup> at 5 m	1 Set
208.03.006	Plug to Electrode Holder 400 A, 50 mm <sup>2</sup> at 10 m	1 Set
208.03.007	Plug to Electrode Holder 400 A, 50 mm <sup>2</sup> at 20 m	1 Set
208.03.008	Plug to Electrode Holder 400 A, 50 mm <sup>2</sup> at 25 m	1 Set
208.04.001	Plug to Ground Clamp 600 A, 95 mm <sup>2</sup> at 5 m	1 Set
208.04.002	Plug to Ground Clamp 600 A, 95 mm <sup>2</sup> at 10 m	1 Set
208.04.003	Plug to Ground Clamp 600 A, 95 mm <sup>2</sup> at 15 m	1 Set

**Optional Accessories for SMAW / MMA**

201.01.002	Remote Control - KA Series - RC 01 at 10 m	1 Set
201.01.003	Remote Control - KA Series - RC 01 at 20 m	1 Set
201.01.004	Remote Control - KA Series - RC 01 at 30 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
203.01.005	Plug - Trak-SK 35 mm	2 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