

3 series host power sources and 7 different panels are 21 welding machine combinations, which can against 21 unexpected customer requirements.

- KingMask can minimize you inventory cost and reduce cash flow occupation.
- KingMask give the end-users a shorter delivery cycle and prevent under stock.

Dedicated design for dealers

Features and benefits:

- 7 changeable panels for option could assemble 7 different machines to meet individual requirement, (MMA, TIG/MMA, Pluse TIG/TIG/MMA, MIG, MIG/MMA, MIG/TIG/MMA, Pluse TIG European style)
- Different panels enjoy the same power unit, so all machines will be much easier to be maintained.
- One machine unit only with seven different panels can SATISFY ALL KINDS WELDING DEMANDS, which can deduct 80% inventory cost
- Full digital display and control with high precision
- DSP control, IGBT inverter, Nano-crystal main transformer
- Be able to connect to optional Masterbox, adjusting more parameters, lock up control panel, and other professional functions Portable and economic
- Optional remote controller for field construction

Applications:

- It's suitable for welding steel, stainless steel, carbon steel, alloy steel, tool steel, copper, titanium and so on
- Light industries and heavy industries

Less Money, More Business Opportunitites!



Three Kings And Seven Masks In Stock Can Meet
Your Twenty-One Unexpected Customer Requiements



Add: 1501/1502 Jinyanlong Building, Xisanqi Changping District Beijing 100096 P.R.China
Factory Add: E Sector Shahe Industrial Park, Changping District, Beijing 102206, P.R.China
Tel: +86-10-62717886/51097031/51097032
Fax: +86-10-51097033
E-Mail: info@unipow.cn
Http: //www.unipow.cn

$$3 + 7 = 21?$$

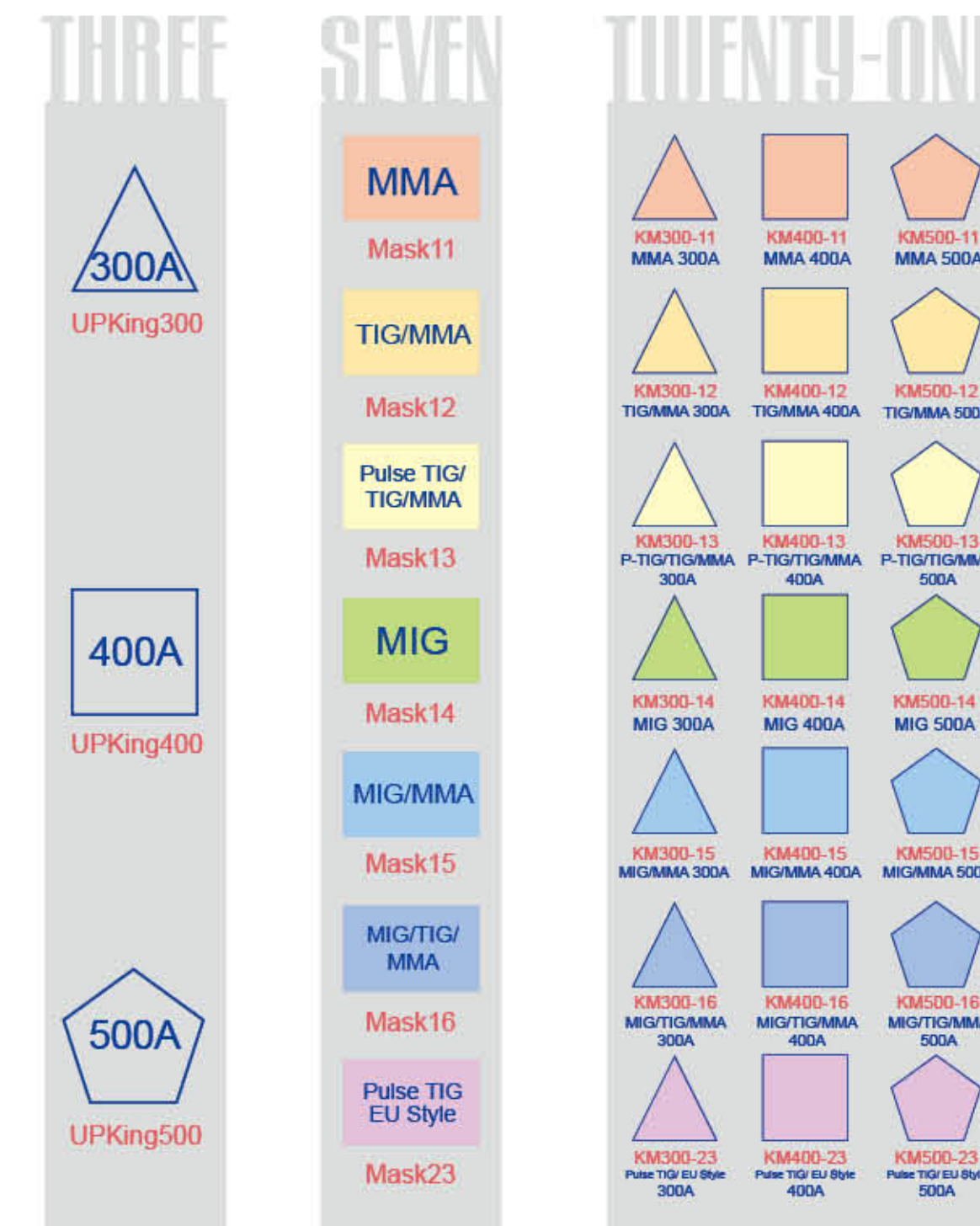
Kings Masks Meet Needs

Dedicated design for dealers



www.unipow.cn

1 Kings + 7 Masks = 7 welding machine combinations
3 Kings + 7 Masks = 21 welding machine combinations



KINGMASK®

Mask off, Mask on, Changing the Porecess!!



How a MIG becomes into a Pulse TIG ??

To use the product correctly and conveniently, please do following the illustration for changing panels.

Turn off the power at first before the replacing control panel, and then follow the operation steps below to change the panel

Tools: Star head screwdriver

Instructions for changing operation panel



1st: Use the screwdriver to remove the three fastened bolts from the control panel.



2nd: Hold the panel with another hand after removing screw bolts, and put the screwdriver into the bending corner to lift the panel off the slot as the picture shows.



3rd: While there is wiring harness between operation panel and welding power source, please carefully pull out the wiring harness and take off the panel, as the figure shows above.



4th: Bring out new the replacement control panel, hold the control panel by one hand firstly, and connect all the wiring harnesses as required between power source and panel. In the end, tighten up three screw bolts.

Please follow the above steps to complete the replacement of the panel.

N.B. (1) Turn off the power before changing the panel
(2) While removing wiring harnesses, any violence activities during the panels change might cause unnecessary damages on the power sources or panels.
(3) Please strictly connect panel wiring harnesses to the welding power source according to wiring diagram and ensure they are connect correctly

Specifications

Item	Model	UPKING300	UPKING400	UPKING500
Rated Input Voltage(V)		3-Phase, AC, 380V , 50/60Hz		
Input Voltage Range(V)		320 ~ 420V		
Max Input Current(A)		18.1	27.1	37.6
Effective Input Current(A)		14	21	29.2
Rated Input Capacity(KVA)	Duty Cycle 60%	11.3	17	23.5
Rated Input Capacity(KVA)	Duty Cycle 100%	8.0	11.8	16.2
Rated Output Capacity(KVA)		9.6	14.4	20
No-load Output Voltage(V)		67.5V		
Duty Cycle		60%		
Power Factor (COSφ)		≥ 0.85		
Efficiency (η)		≥ 85%		
Insulation Class		F		
Dimension(mm)		630×297×591		
N.W. (KGS.)		44	47	51
Working Temperature		-10°C ~ +40°C		
Working Humidity		≤ 50% when the temperature is not higher than 40°C , ≤ 90% when the temperature is not higher than 20°C		
Storage Temperature		-25°C ~ +55°C		
Protection Class		IP21S		
		MMA(SMAW)		
Welding Amps(A)		10-300	10-400	10-500
Arc Force*		0-10		
Start Amps(A) *		10-300	10-400	10-500
Start Amps Period(s) *		0.01-1		
		TIG(GTAW)		
Welding Amps(A)		2-300	2-400	2-500
Slope Up(s)		0.1-10		
Slope Down(s)		0.1-10		
Start Amps(A) *		2-40		
Crater Amps(A)		2-300	2-400	2-500
Gas Pre-flow (s) *		0.1-12		
Gas Post-flow(s) *		0.1-50		
Spot Mode Time(s)*		0.1-5		
		Pulse TIG(GTAW-P)		
Peak Amps(A)		2-300	2-400	2-500
Base Amps(A)		2-300	2-400	2-500
Pulse Frequency(Hz)		0.1-500		
Duty Factor(%)		1-99		
Slope Up(s) *		0.1-10		
Slope Down(s) *		0.1-10		
Start Amps(A) *		2-40		
Crater Amps(A)		2-300	2-400	2-500
Gas Pre-flow(s) *		0.1-12		
Gas Post-flow(s) *		0.1-50		
		MIG/MAG(GMAW)		
Welding Amps (A)		15-300	15-400	15-500
Welding Volts(V)		10-48		
Inductance		1-10		
Crater Amps(A)		15-300	15-400	15-500
Crater Volts(V)		10-42		
Amps Calibration*		-16 ~ 16		
Burn Back Calibration*		-80 ~ 200		
Gas Pre-flow(s) *		0.1-12		
Gas Post-flow(s) *		0.1-50		

...Unipow is a United Power...

Adjusting box

1. Arc length can be adjusted to compensate length of welding cable
2. Arc-close time can be adjusted to form an optimum shape of electrode tip
3. Pre-flow and post flow can be adjusted
4. Arc-force mode can be adjusted while using MMA
5. Close panel function
6. Manage time authorization
7. Error analog



Closed type double driven wire feeder and open type wire feeder

- Suitable for open field working such as petroleum and pipeline welding. It's interchangeable with many types of torch adaptors such as Euro, Lincoln and Panasonic. It could achieve ideal welding effect and is very popular with customers both at home and abroad.
- Compatible with Panasonic torch. They are used on all CO2 gas shield semi automatic welding machine with flat V-A characteristics.
- No lubrication oil is needed. And it's interchangeable with Panasonic prototype.



Current remote controller



wired



wireless

Designed to control welding current from long distance.