



"ASEA provides total welding solution
- A global leading company based in
South Korea."

ASEA CO.,LTD

GREETINGS

ASEA, a global brand name in welder manufacture
"Our priority is putting Clients first"

ASEA co., Ltd was established in 1998 and started production of Inverter DC Arc Welder. Since then, we have expanded our businesses to Argon Tig welder, Air Plasma Cutter and thawing equipment in series. Now ASEA has become a leading company in welder manufacture locally in regard of production capacity and sales amount, compared to other domestic businesses in ARC welding. Also, ASEA is also becoming quiet well known brand name in global market

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For more information, kindly visit ;

PRODUCTS



Inverter DC
ARC welder



Inverter DC
TIG welder



Inverter DC
Plasma cutter



Inverter AC/DC
TIG welder



Inverter
CO₂/MAG welder



welding
accessories

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Global welding company advancing forward

INVERTER DC ARC WELDER

ASEA-160/180/200/230/250/300

Metal arc welding does not require shielding gas protection for the weld pool comes from the electrode cover which melts during welding, and forms a protective layer of slag on the weld pool. When the welding is completed and layer of slag is removed, the finished weld will be discovered underneath.

ASEA DC ARC welder has adopted inverter method of PWM electric power control using I.G.B.T element, not only has its small, light-weight, power consumption saving, but also can control output current freely. The electric shock prevention function is also installed inside so that it keeps workers from being attacked by any electric shock.



ASEA-160P



ASEA-180P



DRAGUN-200



ASEA-200



ASEA-250



ASEA-300



→ FEATURE

- Compact design with small size and light weight
- Circuit for electric shock prevention installed
- Based on IGBT technology, promoted stable arc by inverter control
- Welding rods could be used of diameters from 2.6 up to 6.0
- Easy operation by using the one-touch typed connection plug
- Energy storage with lower power input
- Suitable to weld most of metal, such as alloy, non-alloy, steel, cast iron, etc

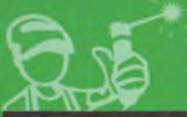
→ 제/품/특/징

- 가벼운 경량 설계에 의한 소형 사이즈
- 전기 충격 방지 회로 설치
- IGBT 인버터 조절에 의한 안정된 마크
- 용접봉은 직경 6.0mm 까지 사용 될 수 있다
- 원 터치 연결잭을 이용하는 쉬운 조작
- 낮은 압력 파워를 가진 에너지 저장
- 합금, 비합금, 스틸, 주철 등 대부분의 금속을 용접할 수 있다



→ SPECIFICATIONS 정/격/사/양

MODEL	ASEA-200	ASEA-230	ASEA-250	ASEA-300
Rated input voltage 정격 입력 전압	220V, 1Ph	220V, 1Ph	220V, 1Ph	220V 1Ph/3Ph both
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	40~200A	50~230A	50~250A	60~300A
Rated input capacity 정격 용량	7KVA	7.5KVA	10KVA	15KVA
Load voltage 부하 전압	24.8V	26.4V	24.8V	26.4V
Maximum no-load voltage 최고 무부하 전압	< 18V	< 18V	< 18V	< 18V
Duty cycle 정격 사용율	60%	60%	60%	60%
Dimension(WxDxH) 치수	160x450x270	160x450x270	190x450x280	250x510x330
Weight 중량	13Kg	16Kg	17Kg	22Kg



Global welding company advancing forward

INVERTER DC TIG WELDER

ASEA 200/300/500TIG

TIG Welding(Tungsten inert gas) is the welding method that the welding arc is formed between a non-consumable Tungsten electrode and the base metal.

Argon, which is most commonly used as the shielding gas, is fed through TIG torch to shield the electrode and molten weld pool.

ASEA DC TIG welder has achieved easy and total welding quality control management in a small and compacted machine.

Exact welding is possible by using various pulse fuction and 5 welding modes.

With our TIG machine, you can work manual arc welding as well as TIG welding, you can get more benefit money from 1 machine, saving as well.



200TIG

300TIG

500TIG





→ FEATURE

- Compact design including all functions of Argon TIG with small size and light weight.
- Built-in circuit installation for electric shock prevention.
- Based on IGBT technology, promoted stable arc by inverter control
- Crater on/off/repeat function installed
- Gas check and After-gas adjusting timer installed.
- With arc holder connected, you can also use for manual welding.

→ 제/품/특/징

- 가벼운 경량 설계에 의한 소형 사이즈
- 전기 충격 방지 회로 설치
- IGBT 인버터 조절에 의한 안정된 아크
- 크레이터 유, 무, 반복기능
- 가스체크 및 후기가스 시간 조정 가능
- 수용접 홀더를 접속하여 수용접으로도 용접할 수 있다.



→ SPECIFICATIONS 정/격/사/양

MODEL	200TIG	300TIG	350TIG	500TIG
Rated input voltage 정격 입력 전압	220V, 1Ph	220V, 1Ph	220V/380V 1Ph/3Ph both	220V/380V 1Ph/3Ph both
Rated frequency 정격 주파수	60Hz	60Hz	60Hz	60Hz
Rated output current 정격 출력 전류	5~200A(TIG) 40~160A(MMA)	5~300A(TIG) 60~220A(MMA)	5~350A(TIG) 70~250A(MMA)	5~500A(TIG) 70~400A(MMA)
Rated input capacity 정격 용량	4.4KVA	8KVA	10KVA(3Ph)	18KVA(3Ph)
Load voltage 부하 전압	13V	14V	24V	24V
Maximum no-load voltage 최고 무부하 전압	< 78V	< 78V	< 75V	< 75V
Duty cycle 정격 사용율	60%	60%	60%	60%
Dimension(WxDxH) <small>치수</small>	160x430x270	190x480x270	260x430x440	375x700x600
Weight <small>중량</small>	15Kg	17Kg	25Kg	49Kg



Global welding company advancing forward

PLASMA CUTTER

71P/Aircomp+70P/100P/130P/150P



Air plasma cutting machine is a new type of thermal cutting equipment, and its working principle is based on compressed air as working gas, to high temperature high speed plasma arc as heat source. While cutting material, the high speed airflow would blow off melted metal, form a narrow kerf.

ASEA Air plasma cutter cuts with no heat transformation and speed cutting is possible without radiation loss. Extremely thin and high heat, plasma arc makes a clean and narrow cutting finish and uniform cutting as controlling arc condition by PWM current mode. And it shows a strong cutting capacity.



ASEA-71P

AIRCOMP+70P

100P

130P



➔ FEATURE

- Compact design of small size and light weight
- Circuit installation for electric shock prevention
- Based on IGBT technology, stable arc by inverter control
- Cut all conductive metals only with compressed air and electric power.
- Heat-affected zone is narrow and heat strain is very rare..
- Beginners also could cut easily, according to contact/non-contact cutting way.

➔ 제/품/특/징

- 가벼운 경량 설계에 의한 소형 사이즈
- 전기 충격 방지 회로 설치
- IGBT 인버터 조절에 의한 안정된 아크
- 모든 전도성 금속을 전기와 압축 공기만으로 절단.
- 열 영향부가 좁고 열변형이 극히 적음.
- 접촉식, 비접촉식 절단으로 초보자도 쉽게 절단할 수 있음.



➔ SPECIFICATIONS 정/격/사/양

MODEL	71P	Aircomp+70P	100P	130P	150P
Rated input voltage 정격 입력 전압	220V, 1Ph	220V, 1Ph	220V/380V 1Ph/3Ph both	220V/380V 1Ph/3Ph both	220V/3Ph or 380V/3Ph only
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	71A	70A	100A	130A	150A
Rated input capacity 정격 용량	8.1KVA	8.4KVA	19KVA	26KVA	30KVA
Load voltage 부하 전압	130V	130V	140V	150V	150V
Maximum no-load voltage 최고 무부하 전압	< 280V	< 280V	< 290V	< 290V	< 270V
Duty cycle 정격 사용율	60%	60%	40%	40%	40%
Maximum cutting capacity 최대 절단 두께	10mm	8mm	15mm	20mm	30mm
Dimension(WxDxH) 치수	170x490x280	250x560x360	375x700x600	375x700x600	380x760x680
Weight 중량	17Kg	28Kg	48Kg	52Kg	70Kg



Global welding company advancing forward

AC/DC PULSE TIG WELDER

A/D PULSE TIG 250/350/500AD



AC/DC TIG Welder, as an AC/DC compatible TIG machine by digital controller.

The current is either alternating or direct current which can be pulsed as necessary.

In DC TIG mode, it is suitable for welding unalloyed and low-alloy steels, stainless steels and titanium.

In AC TIG mode, it is particularly suitable for welding Aluminium and Aluminum alloys

ASEA AC/DC Cutter with PWM technology, enables concentration and stability of current output and much more precise and convenient current adjusting.

TIG-350AD

TIG-500AD





FEATURE

- High quality welding by AC TIG welding
- With highly promoted arc stability, welding for thin AL plate is possible.
- Safe from high frequency interference according to HF start, unnecessary noises from computer, radio or TV, etc and other defect causes.
- According to inverter control, ARC reversal of polarity is possible in high speed and no need for high frequency in the process of welding.
- With 1 unit of welder, all of welding for alloy, non-alloy, Aluminium, Stainless steel, iron etc is available.

제품/특징

- 교류 티그 용접의 고품질 용접
- 아크 안전성이 뛰어나 알루미늄 박판의 고품질 용접이 가능.
- HF 스타트로 인한 통신장비의 고주파 장애와 각종 노이즈로부터 안전함.
- 인버터 제어에 따른 고속으로의 아크 극성 반전이 가능하여 용접중의 고주파 불필요.
- 용접기 1대로 합금, 비합금, 알루미늄, 스테인리스, 스틸, 주철 등 대부분의 금속을 용접할 수 있다.



SPECIFICATIONS 정/격/사/양

MODEL	TIG-250AD	TIG-350AD	TIG-500AD
Rated input voltage 정격 입력 전압	220V, 1Ph	220V/380V 1PH/3PH both	220V/380V 1PH/3PH both
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	10~250A(TIG) 10~150A(MMA)	10~350A(TIG) 10~200A(MMA)	10~500A(TIG) 10~300A(MMA)
Rated input capacity 정격 용량	10KVA	11.5KVA(3PH) 6.7KVA(1PH)	19KVA(3PH) 8KVA(1PH)
Load voltage 부하 전압	18V	22V	26V
Maximum no-load voltage 최고 무부하 전압	< 68V	< 68V	< 68V
Duty cycle 정격 사용율	40%	40%	40%
Dimension(WxDxH) 치수	250x490x410	375x700x600	375x700x600
Weight 중량	34Kg	55Kg	60Kg



Global welding company advancing forward

CO₂/MAG WELDER

Inverter CO₂-350 / 500C / 650C



Inverter CO₂/MAG/MIG welder equipped with IGBT technology is excellent for high speed welding, auto welding, etc. Whereas the weight and volume is bigger, Thyristor CO₂/MAG/MIG welder, which maximized durability and efficiency is commonly used in the field of shipyard, heavy ind, steel beam and plants.

ASEA CO₂/MAG/MIG welder satisfies higher standard of quality request of customers.





→ FEATURE

- Welder manufactured in pursuit of economic feasibility and convenience
- High welding speed with slag removal and change of welding electrodes not necessary.
- Built-in crater function
- The efficiency is 3 times better than AC ARC welding and economic.
- Best for robotization of a welding line(SCR CO2 welder)
- Best quality automatic welder applied by the most advanced thyristor control technology(SCR CO2 welder).

→ 제/품/특/징

- 경제성과 사용의 편리함을 추구한 고성능 용접기
- 용접 속도가 빠르고 슬래그 제거 및 용접봉 교환이 불필요
- 크레이터 처리 기능 내장
- 교류 아크 용접에 비해 능률은 3배로 인건비 절감이 뛰어남.
- 용접라인의 로봇화에 최적 (SCR 타입)
- 싸이리스터 제어 기술의 결정체 최고급 자동 용접기



→ SPECIFICATIONS 정/격/사/양

MODEL	CO2-350C	CO2-500C	CO2-650C
Rated input voltage 정격 입력 전압	220V/380V 1PH/3PH both	220V/380V 1PH/3PH both	380V or 440V 3PH only
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	50~350A	50~500A	60~650A
Rated input capacity 정격 용량	16KVA	22KVA	32KVA
Load voltage 부하 전압	12~38V	16~42V	18~46V
Maximum no-load voltage 최고 무부하 전압	< 68V	< 68V	< 74V
Duty cycle 정격 사용율	40%	40%	40%
Dimension(WxDxH) 치수	375x700x600	380x760x680	380x760x680
Weight 중량	49Kg	66Kg	68Kg



WELDING ACCESSORIES

→ ARC ACCESSORIES



ARC HOLDER/홀더



EARTH CLAMP
/어스킵게



CONNECTION JACK
/연결잭



HOLDER & EARTH
CLAMP SET / 홀더셋

→ TIG ACCESSORIES



TORCH HEAD/알곤헤드



WATER COOLING
TORCH/수냉토치



AIR COOLING
TORCH/공냉토치



ARGON REGULATOR
/알곤게이지

→ PLASMA ACCESSORIES



P-80 TORCH/P-80 토치



NOZZLE & ELECTRODE
/노즐 및 전극



TORCH HEAD/헤드

→ CO2 ACCESSORIES



CO2 REGULATOR/CO2 게이지



CO2 TORCH/CO2 토치



WIRE FEEDER/휘다

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OTHER ACCESSORIES



AUTO WELDING MASK
/자동 보안면



WELDING MASK
/수동 보안면



PROTECTION MASK
/일반 보안면



GOGGLES
/보안경 고글



TURN TABLE
/턴 테이블



WATER COOLING UNIT
/수냉장치



TUNGSTEN ELECTRODE
/텅스텐 전극



CUTTING WHEEL
/절단석



COMPASS
/컴파스



WELDING GLOVES
/알곤장갑