



Since 1998

Korean Welding Company Extending to the World



ASEA WELDING CO.,LTD

<http://www.aseawelding.co.kr/>

e-Mail : asea@aseawelding.co.kr



ARGON TIG, AIR PLASMA CUTTER, CO2, MIG

알곤TIG, 에어플라스마, CO2, 미그

ARGON TIG



ARGON-200L



ARGON-200



ARGON-350DL



ARGON-300

AIR PLASMA



71P



※ Air-Compressor Built-in

70P



130P

ALUMINIUM TIG



AC/DC-250



AC/DC-500



ARGON-500

CO2/PULSE MIG/LASER



CO2-500,650



PULSE MIG-500



ASEA-LASER

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

ASEA WELDING CO.,LTD

For more information, kindly visit : www.aseawelding.co.kr

PRODUCTS



Inverter DC
ARC welder



Inverter DC
TIG welder



Inverter DC
Plasma cutter



Inverter AC/DC
TIG welder



Inverter
CO₂/MAG/MIG welder



Laser
Welding machine

CONTENTS

• Inverter DC ARC welder	4
• Inverter DC TIG welder	6
• Inverter DC Plasma Cutter	8
• Inverter AC/DC TIG Welder	10
• Inverter CO ₂ /MAG/MIG Welder	12
IGBT TYPE	
SCR TYPE	
• Laser Welding machine	14
• Steam Cleaner	15



Global welding company advancing forward

INVERTER DC ARC WELDERS

ASEA-160/180/200D/250/320/500, DRAGUN-200



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-160



ASEA-180



DRAGUN-200



ASEA-200D



ASEA-250



ASEA-320

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 사용가능
- 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-200D	DRAGUN-200/230	ASEA-250	ASEA-320	ASEA-500
Rated input voltage 정격 입력 전압	220V, 1Ph	220V, 1Ph	220V, 1Ph	220V 1Ph/3Ph both	220/380/440V 3Ph
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	180A	40~200A/230A	50~250A	60~320A	20~500A
Rated input capacity 정격 용량	5.2KVA	7KVA	11.7KVA	15KVA	24KVA(20KW)
Load voltage 부하 전압	31V	31V	31V	31V	40V
No-load voltage 무부하 전압	78V	78V	78V	78V	77V
Duty cycle 정격 사용률	50%	60%	60%	60%	60%
Dimension(WxDxH)치수	185x400x230	180x440x300	200x450x250	255x465x280	365x700x620
Weight 중량	8.5Kg	12Kg	15Kg	19Kg	53Kg



INVERTER DC TIG WELDERS

ASEA-200L/200TIG/350DL/300TIG/350T/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 function 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.

200L TIG

200TIG

350DL

300TIG

500TIG

FEATURE

- Compact design including all functions of Argon TIG with small size and light weight.
- 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
- 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	200L TIG / 200TIG	350DL/300TIG	350T	500TIG
Rated input voltage 정격 입력 전압	220V, 1Ph	220V, 1Ph	380V(3PH)	220V/380V(440V) 1Ph/3Ph both
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated input current 정격 입력 전류	30A (TIG) 45A (ARC)	48A (TIG) 49A (ARC)	30A (TIG) 32A (ARC)	55 220 (TIG) 45 380
Rated output current 정격 출력 전류	20~200A(TIG) 40~160A(MMA)	20~350A / 20~300A (TIG) 40~220A (MMA)	20~300A(TIG) 40~230A(MMA)	20~500A(TIG) 70~400A(MMA/ARC)
Rated input capacity 정격 용량	4.4KVA TIG 4.6kw ARC 6.9kw	13.2KVA TIG 7kw ARC 7.5kw	1Ph.=6.3kVA 4.7KW 3Ph.=10.2kVA 7.9KW	1Ph.=12kVA 8KW 3Ph.=18kVA 16KW
Load voltage 부하 전압	14V	14V	22V	24V
No-load voltage 무부하 전압	84V	95V	70V	220V=77V 380V=68V
Duty cycle 정격 사용률	60%	60%	60%	60%
Dimension(WxDxH) 치수	180x365x220 / 160x430x270	230x455x275	270x430x440	365x700x620
Weight 중량	10kg / 14Kg	16Kg	28Kg	49Kg

PLASMA CUTTERS

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 (440) 1Ph / 3Ph both	220V / 380V (440) 1Ph / 3Ph both	220V / 380V (440) 1Ph / 3Ph both
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	12.7KVA (8.7KW)	12.7KVA (8.7KW)	19KVA (13.2KW)	26KVA (22KW)	30KVA (23KW)
Load voltage 부하 전압	130V	130V	<140V	<150V	<150V
No-load voltage 무부하 전압	< 280V	< 280V	< 290V	< 290V	< 290V
Duty cycle 정격 사용률	60%	60%	40%	40%	60%
Cutting capacity 절단 두께	10mm	8mm	18mm	25mm	35mm
Dimension(WxDxH) 치수	180x430x265	230x455x275	365x700x620	365x700x620	365x760x680
Weight 중량	21Kg	31Kg	49Kg	52Kg	68Kg



AC/DC PULSE TIG WELDERS

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 Aluminium alloys

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



TIG-250AD



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.

제/품/특/징

- 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 한 대로 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	12.2KVA	11.5KVA(7.8KW)3Ph 6.7KVA(4.5KW)1Ph	19KVA(15KW)3Ph 8KVA(5.5KW)1Ph
Load voltage 부하 전압	18V	22V	26V
No-load voltage 무부하 전압	< 68V	< 68V	< 68V
Duty cycle 정격 사용률	60%	60%	60%
Dimension(WxDxH) 치수	255x455x256	365x700x620	365x700x620
Weight 중량	19Kg	56Kg	60Kg



Global welding company advancing forward

CO₂/MAG/MIG WELDERS

PULSE MIG-500, INVERTER CO2-350C/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 3배의 능률로 인건비 절감이 뛰어남.
- 용접라인의 로봇화에 최적 (SCR 타입)
- 싸이리스터 제어 기술의 결정체, 최고급 자동 용접기

SPECIFICATIONS 정/격/사/양

MODEL	PULSE MIG-500	CO ₂ -350C	CO ₂ -500C	CO ₂ -650C	SCR CO ₂ -650C
Rated input voltage 정격 입력 전압	380V only 3Ph only	220V/380/440V 3Ph	220V/380/440V 3Ph	220V/380/440V 3Ph	220V/380/440V 3Ph
Rated frequency 정격 주파수	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output current 정격 출력 전류	25A/15V~ 500A/39V	60~350A	60~500A	80~650A	80~650A
Rated input capacity 정격 용량	25.7KVA	16KVA	24KVA	32KVA	34KVA
Load voltage 부하 전압	14~50V	16~38V	16~40V	18~46V	16~50V
No-load voltage 무부하 전압	98V	68V	74V	74V	74V
Duty cycle 정격 사용률	60%	60%	60%	60%	60%
Dimension(WxDxH) 치수	430x1000x1100	365x700x620	365x760x680	365x760x680	460x770x820
Weight 중량	80Kg	54Kg	66Kg	68Kg	210Kg

LASER WELDING MACHINE

FEATURE

- Welding between base materials of different materials is possible (e.g. iron + stainless)
- All metals can be welded (iron, stainless steel, aluminum, copper, etc.)

제/품/특/징

- 이형모재간 용접이 가능한 꿈의 용접기! (예 : 철 + 스테인레스 스틸)
- 모든 금속을 용접 할 수 있다 (철, 스테인레스, 알루미늄, 동 외)



SPECIFICATIONS 정/격/사/양

※색상은 변경될 수 있습니다

품 목	사 양		
레이저파워	1500W	2000W	2000WF
전체 기계의 최대입력	8500W	10200W	10200W
광학 분자증폭기 파장	1080 ± 3nm		
광섬유 길이	표준10m (최대 주문가능 길이 15m)		
워킹 모드	연속 / 변조		
오실레이터 폭(레이저 스윙)	0~5mm		
수냉용량	10L		
용접 속도	0~125mm/s (모델 및 판 두께에 따라 다름)		
냉각 타입	수냉식		
작업환경 온도	10~40°C		
작업환경 습도	< 70% 응결 없을 것		
보관환경 온도	-10~60°C		
용접물 두께	0.4~3mm	0.4~6mm	
용접 공극(GAP)	0.5 (모델 및 판 두께에 따라 다름)		
전원공급장치	1500W 220V, 단상 60Hz	2000W 380V, 4상 60Hz	220V, 단상 2선식, 60Hz
외형치수(높이x길이x넓이)	750x1005x1250		980x420x680
장비중량	230kg		120kg

모 델	ASEA-1500WF(수냉)	ASEA-1500WS(공냉)	ASEA-3000W
정격출력(W)	≥1500	≥1500	≥3000
작업형태	연속사용가능		
편광방향	진동모터		
출력조정범위	10~100		
중심파장(nm)	1080±3		
출력 불안정성	<3%		
불빛출력(mW)	>0.5		
출력 INTERFACE	QBH		
레이저광선굵기(μm)	20		50또는 100
레이저광선길이	표준 배치 5m/커스터마이징 가능 10m		
동작전압	220V±10%, 50/60Hz		380V 60Hz
최대전력소모량(W)	<4000	<6000	<12000
제어방식	액정판사용(디스플레이/상위기기)		
DIMENSION(WxHxD)	520x680x900	352x692x666	750x1005x1250
중량(kg)	<85	<75	230
사용온도(°C)	5~40		
사용습도(%)	<70		
냉각방식	수냉	공냉	수냉
보관 사용온도(°C)	-10~60		
공기압력(Mpa)	0.7Mpa 이하		

POWER STEAM CLEANER

ASEA's steam cleaner removes dirt and grease from homes and businesses with 100 degrees water without using chemicals such as detergents.

It also sterilizes 99% of bacteria with hot steam.

ITEM	SPECIFICATION
RATED INPUT VOLTAGE	SINGLE Ph.
RATED FREQUENCY	60Hz
RATED CAPACITY	2.9KW
STEAM PRESSURE	9~10 BAR
STEAM TEMPERATURE	100~130°C
DUTY CYCLE	80%
DIMENSION (W x D x H)	150 x 400 x 200mm
WEIGHT	6Kg

안전인증
KTL SH07545-13001

스팀세척기의 혁명!

[산업현장에서]

- 단체급식 주방 기름때, 식기 세척
- 육가공, 생선가공 악취 살균세척
- 학교, 병원, 연구소 실험실 세척
- 호텔, 요식업종의 룸 탈취 세척
- 자동차 엔진, 휠, 시트 세척
- 겨울철 얼어붙은 수도관, 계량기 해빙

[가정에서]

- 주방 설거지, 정수기 내부, 젖병소독
- 침구류 세탁 후 진드기 알 살균
- 운동화 악취, 무좀균 살균 세척
- 욕실, 베란다 내벽의 찌든때와 곰팡이 세척
- 에어컨실외기, 공기청정기 필터, 청소기
- 창 샷시, 레일, 환기 팬의 찌든 때 제거

ASEA ARC SERIES 아크 시리즈

Popular Type



ASEA-200S



ASEA-200D



ASEA-220D

For Certificate



ASEA-160P



ASEA-180P



STEAM CLEANER
Korea Safety Certified Products

For Heavy Industry



ASEA-230



ASEA-250



ASEA-320

Digital Welder



ASEA-500A



DRAGUN-200



DRAGUN-180



MINI-180

ASEA ASEA WELDING CO.,LTD

4F, DAWOO TECHNO TOWN 2-CHA, 276-1 OKSAN-RO BUCHEON-CITY, GYEONGGI-DO, 14490 KOREA
TEL) +82-32-679-1022/1055 FAX) +82-32-679-1066 Web : <http://www.aseawelding.co.kr>



Be sure to read and use the user manual correctly before using it to prevent accidents.
This is to inform you that the product of this catalog can be changed without notice.