

ARC-400/ 630



Features and benefits

- Unique IGBT soft switch technology guarantees higher efficiency and longer lifespan
- Industrial standard quality, born to work in harsh environment
- Arc force and hot start control: help to start arc easily and prevent sticking
- High duty cycle at 40C and 10-minutes condition
- Extended welding cord (up to 100m)
- Wire/wireless remote control(option)
- VRD feature(option)
- Generator compatible(option)
- E6010 electrode burning(option)
- Digital display, accurate presetting

Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m

Output 

Input 

Process

Process: Stick (SMAW) /Gouging (>500A)

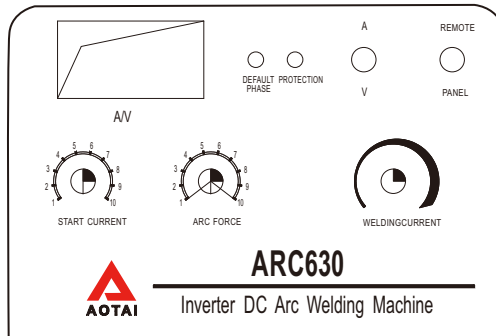
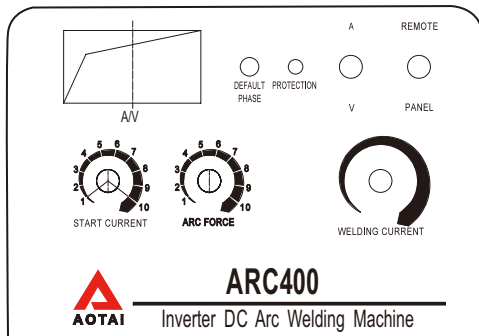
Recommended Applications

Shipbuilding and offshore engineering
 Industry plant construction
 Maintenance and repair
 Pipeline industry

Spare parts-ARC400/ 630

Pictures							
Item	Rectifier	IGBT module	Fast recovery module	Main control board	Drive board	Main transformer	Power transformer
ARC400	735005-00002	735007-00046	735006-00029	210580-00138	210310-00020	220629-00023	763001-00043
ARC630	735005-00003	735007-00073	735006-00029	210580-00198	210310-00032	220629-00016	763001-00043

Pictures							
Item	Fan	Output reactor	Current exchange inductance	Thermostat	Varistor	Filter capacitor	Shunt
ARC400	746001-00011	763004-00041	220281-00008	745008-00006	720021-00017	722001-00073	720041-00008
ARC630	746001-00027	763004-00010	220281-00012	745008-00008	720021-00017	722001-00075	720041-00010



Specification

Model	UNIT	ARC400	ARC630
Supply voltage	Volt	415	415
Phase	No	3	3
Input KVA @ 100% Duty cycle	KVA	12.6KVA	35KVA
Welding current range	Amp	20-400	50-630
Open circuit voltage	Volt	79	102
Welding current @ 60% Duty cycle	Amps	400	-
Welding current @ 100% Duty cycle	Amps	310	630
Type of cooling	Type	Forced air	Forced air
Dimensions(LxWxH)	mm	576x297x557	686x322x58
Class of insulation	Class	H	H
Weight(approx)	Kg	43	58

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