

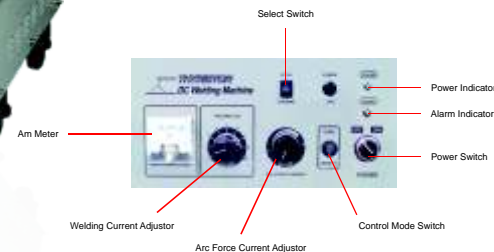
Panasonic
ideas for life

CLEAN ARC SS400/630

The World's Most Preferred and Reliable
Thyristor-controlled DC Arc Welding System



Reliable and Versatile
machines for high
performance



Panasonic Corporation

Panasonic Corporation is one of the largest electronic product manufacturers in the world comprising of over 600 Companies and a turnover of over USD 100 billion. It manufactures and markets a wide range of products under the Panasonic brand to enhance and enrich lifestyles around the world.

Panasonic Welding Systems

As a leader in the welding industry, Panasonic Welding Systems Co. Ltd., has been developing products to help realise rationalisation, energy saving and quality optimisation in welding operations. In the joining and processing field Panasonic Welding Systems Co. Ltd., offers total solutions in equipment, techniques, and software to its customers around the globe by leveraging its digital technology, based on the welding and laser technology accumulated over the years.

Environment-friendly

RoHS

Restriction of Hazardous Substances

- All Panasonic welding equipment are RoHS Compliant.
- We fulfill responsibilities of protecting global environment through utilizing green materials and manufacturing green products.
- Panasonic Welding Systems' Promise: Through utilizing earth-friendly equipment and purchasing environment-friendly materials, we guarantee that Panasonic welding products do not contain hazardous substances such as lead, mercury, cadmium, hexavalent chromium, PBBs and PBDEs, flame retardants etc. realizing "green industrial products".

Key features of SS 400/630

- Quality welding even at cable length of 100 meters, for excellent on-site performance.
- Excellent quality welding with all kinds of acid, basic, stainless-steel, cellulosic, and low hydrogen electrodes.
- Adjustable arc force control to increase penetration and also to prevent the electrode from sticking to base metal.
- Suitable for MMAW as well as Scratch TIG Welding.
- Gouging is possible with 630SS3 model.
- Unique design of three layer and four room dust-free structure.
- Optional remote controller allows welder to increase or decrease the current from a distance.

Important Safety Features

- Over-voltage and under-voltage protection.
- Over-heating protection.
- Single-phasing protection.

Ideal for diverse industries

- Civil/Project Construction
- General Fabrication
- Automotive
- Shipbuilding & Offshore
- Energy
- Repair & Maintenance
- Railways
- Process Industry
- Heavy Construction Equipment



Technical Specifications

Technical specification	Units	400SS3	630 SS3
INPUT			
Rated input voltage	Volts.	415 , ±10%	
Phase/Freq.	No./Hz	3ph/50-60	3ph/50-60
Max. input KVA@415Vac			
@60% duty cycle	KVA/KW	26.3/19.5	44.3/34
OUTPUT			
Open circuit voltage	Volts	64	77
Rated current range (Manual)	Amps	60-400	100-630
Rated current range (Gouging)	Amps	~	150-630
Rated voltage range (Manual)	Volts	22.4-36	24-44
Rated voltage range (Gouging)	Volts	~	26-44
Welding current (40 C)			
@60% duty cycle	Amps	400	630
@100% duty cycle	Amps	310	488
GENERAL			
Compatibility with international standards		All machines are manufactured as per std. IEC 60974-1:2000/GB15579.1:2004	
Technology		Fully thyristorised	
Ingress protection	Class	IP 21S	
Insulation	Type	H	
Cooling		Forced air cooling	
Air carbon arc gouging	mm	~	4.0 - 11
Dimensions (LxBxH)	mm	436x675x762	500x690x920
Weight	Kg	155	225
Ordering information	Model No		
Power source (YD 400 SS3)	YD-400SS3HJE		
Power source (YD 630 SS3)	YD-630SS3HJE		
Remote controller (Optional)	TSM 90251		

Remote controller (Optional)
Welding current can be adjusted manually resulting in greater efficiency and precision of welding operations.
With cable type (Remote control box)
Welding current can be adjusted using the current knob.

Model	Applicable power source
TSM90251	YD-400SS3 YD-630SS3



Panasonic

Range of Welding Equipment: MMAW | MIG/MAG | TIG | Plasma Cutting | Welding Accessories | Welding Robots
Panasonic is setting up its own state-of-the-art welding equipment manufacturing facility near Gurgaon, Haryana, India.

For more information please write to welding.info@in.panasonic.com.
For service related queries, write to welding.service@in.panasonic.com
Panasonic Welding Systems India
Division Company of Panasonic India Pvt. Ltd.
Head Office & Northern Regional Office
First Floor, ABW Tower, Sector 25, IFFCO Chowk, MG Road, Gurgaon 122001, Haryana, India.
Tel.: +91-124-6676372 / 73, Fax: +91-124-6676338
Email : welding.north@in.panasonic.com

Authorised Sales & Service Provider

Eastern Regional Office: No 1, Vikash Towers, Dr. UN Brahmachari Street, 3rd Floor, Opp. ITC Fortune Hotel, Kolkata 700 016, West Bengal. Phone: +91-33-40269696.
Email: welding.east@in.panasonic.com
Western Regional Office: Technical Centre, Panasonic Welding Systems India, MCCIA-Navalmal Firodia Excellence Centre, J-462, M.I.D.C., Telco Road, Bhosari, Pune 411026, Maharashtra.
Phone: 09890284448. Email: welding.west@in.panasonic.com
Southern Regional Office: 6th Floor, SPIC Building Annexe, No. 88, Mount Road, Guindy, Chennai 600032, Tamilnadu. Phone: +91-44-61089300. Fax: +91-44-61089399.
Email: welding.south@in.panasonic.com
Central Regional Office: Ayodhya, 119, 2nd Floor, Bajaj Nagar, Nagpur 440010, Maharashtra. Email: welding.central@in.panasonic.com
Japan Factory: 1-1, 3-chome, Inazu-cho, Toyonaka, Osaka 561 0854, Japan China Factory: No. 9 Qingnan Rd, Tangshan New & Hi-tech Industrial Park, Hebei, China
Sales Offices at Ahmedabad, Bengaluru, Bhubaneswar and Mumbai.