



VRTS-400

INVERTER DC TIG Pulse Welding Machine



Multi mode for High performance High Welding quality and high effciency with DC TIG, Plused DC TIG and DC Stick.

High quality with DC TIG welding

Multi function such as low pulse control(0.1-100Hz.), initial current, up slope, down slope and crater fill control.

High efficiency with DC Stick welding

High efficiency with low spatter is achieved with from 2.0 to 8.0 mm stick electrode.

Wide application

Powerful performances for pressure vessel, pipes, plant maintenance and etc...

OTC DAIHEN INDIA PVT. LTD.

Features

- High welding quality and high efficiency for mild steel, stainless steel, nickel alloy with DC TIG, Pulsed DC TIG and DC Stick as standard modes.
- High performance function for TIG and Pulsed TIG
- TIG Pulse function (0.1~100Hz)
 Ultimate URANAMI (full penetration welding)
 and bead appearance are achieved
 with pulsed TIG function. Also, High
 performance for different material,
 different thinkness and gap.



High quality and High efficiency for multi-layer welding First layer with Pulsed TIG for URANAMI. DC TIG for high welding speed from



Information

Specification

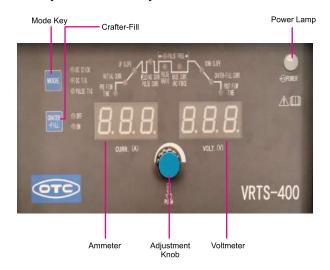
second layer.

	TIG		MMA	
Phase			3	
Input voltage	380V±10%	415V±10%	380V±10%	415V±10%
Rated frequency	50/60Hz			
Rated input	13.03KVA 12.49KW			17.47KVA 16.59KV
Rated duty cycle	60%			
Rated output current	400A			
Rated load voltage	26V		36V	
Output current range	4~400A		10~400A	
Output voltage range	10.2~26V		20.4~36V	
Max. no-load voltage	63.5V	69.1V	65.7V	71.5V
Initial current	4~400A		10~400A	
Pulse current	4~400A			
Crater-fill Current	4~400A			
Pre flow time	0~5S			
Post flow time	0~60S			
Up slope time	0~10S			
Down slope time	0~10S			
Pulse frequency	0.1~100Hz			
Pulse peak ratio	(5~95) %			
Crater-fill operation	OFF/	ON		
Temperature range	-10°C~40°C			
Temperature rise	Class H			
External dimensions (not including input terminals and eyebolts)	345/650/680 (mm)			
Mass	45kg			
Torch cooling method	Water/ Air			
Start method	High frequency start / Lift start			

Standard Accessories

Description	Specification	Quantity
FUSE	RT28-32/4A	1

Easy-to-see And Easy-to-use Control Panel



Options

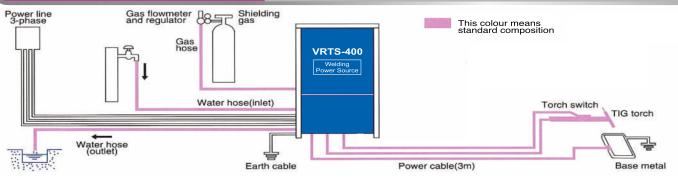
Welding Torch

Model		AWD-18	AWD-26
Rated	DC	350A	200A
Current	AC	270A	160A
Cooling Method		Water	Air
Duty C	ycle	100%	50%
Electrode	e Dia.	0.5 – 4.0mm	0.5 – 4.0mm
Cable Length		4 or 8m	4 or 8m

When using the welding power source by combining the following torches, use the proper torch adapter.

Torch type	Torch adapter	Connection adapter	
AW-4	BBAWD-1701	P1600N02	
AW(P)-5	BBAWD-1701	P1600N02	
AW(P)-9	BBAWD-1701	P1600N02	
AW(P)-17	BBAWD-1701		
AW-18	BBAWD-1801		
AW-26	BBAWD-2601		

Connection Diagram



In accordance with DAIHEN's policy to make continuing improvements, design and/or specifications are subject to change without notice and without any obligation on the part of manufacturer.

DAIHEN

DAIHEN Corporation

4-1, Koyocho-nishi, Higashinada-ku, Kobe, Hyogyo 658-0033, Japan Phone: (Country Code 81) 78-275-2006 Fax: (Country Code 81) 78-845-8159



OTC DAIHEN INDIA PVT. LTD.

V.M. Tower, Plot No. 54A, Ground Floor, Unit-1, Sector-18, Gurgaon-122015, Haryana, India Tel.: (91) 124-4239364, 4239368

E-mail: info@otcdi.co.in Web: www.otcdaihenindia.com



Distributed by: