



CO₂ / MIG WELDING EQUIPMENT

SPATTERLESS (TS Series)

An Economical Solution For CO₂ Spatter



MIG 400TS



SERVO K1

Special Features

By using a special design & construction, the spatter in CO₂ welding has been almost eliminated. Hence, no labour needed to clean the spatter.

The voltage and current can be precisely selected to get an optimum welding condition.

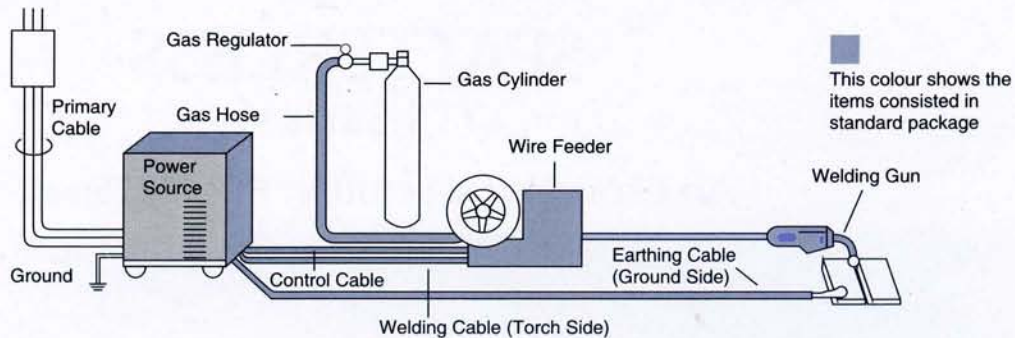
The machine is more efficient as compared to the normal machine. Hence less power consumption.

User-Friendly and very simple to maintain.

Wide Range of applications : M S , S S, Aluminium and its alloy.

Your reliable partner for high productivity

CONNECTION DIAGRAM



TECHNICAL SPECIFICATIONS

MODELS	MIG-300TS	MIG-400TS	MIG-500TS	MIG-600TS
A POWER SOURCE				
Switching				
C V				
415 V AC / 3 Ph., 50hz.				
Characteristics				
Input Supply Voltage				
Input rating (KVA)				
@40% Duty Cycle	12.50	17.00	26.50	32.50 (60%)
@100% Duty Cycle	6.25	9.0	13.70	22.50
Max. Input Current @40% Duty Cycle(A)	17.5	24	37	45 (60%)
Switch Fuse rating (A)	TP/ 20	TP/ 30	TP/ 50	TP/ 60
No. of Steps	30	20	36	36
Open Circuit Voltage (V)	18-43 VDC	18-45 VDC	18-57 VDC	18-55 VDC
Current Range (A)	60-300	60-350	60-500	60-600
Max. Current (A)				
@ 40% duty cycle	300	350	500	600 (60%)
@ 100% duty cycle	190	260	330	470
Insulation Class	H			
Cooling	FORCED AIR			
Conforming IS No.	IS 7931			
Dimensions (L x W x H) (approx.) (mm)	675 x 400x650	675 x 400x650	800 x 500x700	950x525x825
Weight (approx.) (Kg)	130	140	200	225

WIRE FEEDER	SK1	EURO
Input Supply (VDC)	24	36
Wire Speed	0-22 M / min	
Drive Roll	2 roll	4 roll
Wire Size (mm)	0.8 to 1.2	0.8 to 2.4
Dimension (approx.) (mm)	450 x 200 x 320	525 x 225 x 325
Weight (approx.) (Kg)	8.5	16
Applicable Spool Size	300 mm Dia. 15 Kg (max.)	

WELDING GUN	24KD	26KD	WT5000
Max. current capacity (A)	250	300	500
Duty Cycle (%)	60		60
Cooling type	GAS COOLED		GAS COOLED
Length (m)	3		3
End Connection (mm)	EURO		EURO
*Wire size (mm)	(0.8), 1.0	(0.8), 1.2	(1.2), 1.4 1.6
Weight (approx.) (Kg)	1.6	3.0	3.4

* Torches are supplied for standard wire sizes are shown in ()
 For 500A and above machines , we recommend water cooled
 Torches along with water cooling attachment.



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ISO 9001:2000

(In view of continuous development, we reserve the right to modify the design and / or diemensions without notice)