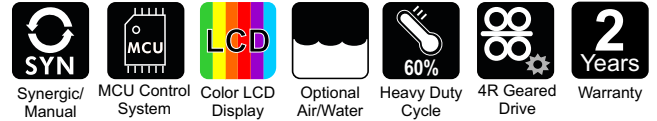


# Titan 503iMST

## 500a MIG/Stick/TIG(Lift) Welding Inverter

**WeldTronic**  
Quality Welding Products



**500A** Max MIG Output  
**32A** 415V  
**40mm STEEL** Max MIG Capacity



Note: 415V/3 Phase Plug Top Not fitted / refer to owners manual to achieve full output. Accessory images shown for illustration purposes only. Actual product supplied may vary

### Main Features

Industrial Multi-Process Welder	Air (Standard) or Water (Option)
IGBT Inverter Technology	Synergic / Manual Mode Selection
Professional Colour LCD Display	High 60% Duty Cycle
HD 4R GEARED Wire Feeder	Spool & Push Pull Gun Compatible
Electronic Pre-Set Programs	Control Torch Compatible
Adjustable Spot Timer/Burn Back	Variable Arc Controls

### Process

Gas / Gasless MIG Welding	Synergic / Manual MIG Welding
Stick (MMA) Welding	TIG DC (Lift) Welding

### Package Inclusions

Titan 503iMIG Power Source	Titan Feed HD 4RG Wire Feeder
5m Earth / 10m Cable Group	BZL 38 Air Cool MIG Torch 4m
4 Wheel HD Transport Unit	0.9/1.2V + 1.2/1.6 FCW Rollers

### Ordering Information

Part No.	Description
TM503iMST/P1	Titan 503iMST Package
TCOOL50	Titan Cool 50 Water Cooler
SGB5000-50ER	BZL 501 Water Cool MIG Torch 4m
SGT26FX.40.WT.RT	SGT26FX 4m TIG Torch
SGP360A24P16E	BZL 360 Push Pull Gun 6m

### Technical Data

Description.	Details.
Power Supply (V)	3-415±10% 50/60Hz
iMax/iEff MIG (A)	39.5 / 30.6
iMax/iEff MMA / TIG (A)	32.2/24.9(TIG) / 40.1/31.1(MMA)
Power Factor / Efficiency (%)	0.75 / 0.90
Generator Requirements	Min 35kVa / Ideal 38kVa+
Duty Cycle @40°C (MIG)	60%@500 / 100%@390
Duty Cycle @40°C (MMA)	60%@500 / 100%@390A
Welding Current / Volt Range	40-500 / 16.0-39.0V (MIG)
Welding Current / Volt Range	10-500A / 10.4-30.0V (TIG)
Welding Current / Volt Range	10-500A / 20.4-40.0V (MMA)
Wire Size Range	0.6-1.6 Steel / 1.0-1.6 Alloy
Max Welding Thickness (MIG)	40mm Fillet
MMA Electrode Size / Capacity	1.6-6.0mm
TIG Electrode Size / Capacity	1.6-5.0mm
Insulation / Protection Class	H / IP23
Standards	ISO/IEC/AS 60974.12
Weight (Power Source / Feeder)	35./ 15 Kg
Dims (Power Source/ Feeder)	650 x 245 x 445 / 630 x 235 x 500
Warranty (Power Source)	2 Years

Note: The information provided is a general guide only - It is the responsibility of the user to ensure that the product is suitable for the intended purpose. Any brand names, trade names or part numbers provided are the property of their respective owners and are provided for identification purposes only. Replacement products may not be identical to, or have identical properties as the original manufacturers product. Due to continuous improvement, dimensions, size, weight and other specifications may change based on product research and customer feedback. Any such changes would be implemented without prior notice.