

MOSA

Switch the power on

60Hz





MOOSEA

**THE SPECIALIST IN QUALITY
WITH SOLUTION THAT MAKE
A DIFFERENT**

**SINCE
1963**

PROUDLY “MADE IN ITALY”

For more than 60 years, MOSA has been focusing on the performance and reliability of its products. Experience and commitment to innovation has positioned MOSA as a world reference in the design and construction of machines that fulfil the requirements of power generation and welding: comprising generators, engine driven welders and lighting towers.



The ISO 9001 certified process utilised by MOSA uses the most advanced technology and personnel with specialised expertise in all phases of the process that, starting from design, extend to the selection of raw materials and supplies, to the production of the various components and their assembly, as well as the strict tests and functional testing of the finished product; all of which represent the traditional characteristics of “Made in Italy”.



eWELD 150

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)

Engine	battery
Current range, continuous	20A / 20.8V-150A / 26V
Duty cycle	150A / 26V @ 100% (Stick) 150A / 16V @ 100% (Tig)
Open circuit voltage	86 Vcc (max) 59Vcc (min)
Capacity	Battery 52 Ah / 3.8 Kwh
Dimensions and Weight	687x453x457 mm 66 Kg



MAGIC WELD 150

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	Honda GX200	MOSA M225
Current range, continuous	20 A / 20.8 V - 150 A / 20 V	20 A / 20.8 V - 150 A / 25 V
Duty cycle IEC Rating	130 A / 25.2 V @ 60% 80 A / 23.2 V @ 100%	140A / 25,4V @ 60% 100A /24 V @ 100%
Open circuit voltage	67 V	
Tank capacity	3.1 l	
Dimensions and Weight	435x375x490 mm 34 Kg	



MAGIC WELD 200

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	Honda GX270
Current range, continuous	20 A / 20.8 V - 200 A / 24 V
Duty cycle IEC Rating	175 A / 27 V @ 100%
Open circuit voltage	70 V
Tank capacity	5.1 l
Single-phase power (max)	2.1 kVA / 110 V / 19 A
Single-phase power (max)	3.3 kVA / 230 V / 14.3 A
Dimensions and Weight	630x490x540 mm 61 Kg



MAGIC WELD 200 YDE

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	Yanmar L70V
Current range, continuous	20 A / 20.8 V - 200 A / 20 V
Duty cycle IEC Rating	155 A / 26.2 V - 100%
Open circuit voltage	70 V
Tank capacity	3.3 l
Single-phase power (max)	2.1 kVA / 110 V / 19 A
Single-phase power (max)	3.3 kVA / 230 V / 14.3 A
Dimensions and Weight	630x490x540 mm 91 Kg



MAGIC WELD 230 YDE

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	YANMAR L100W
Current range, continuous	20 A / 20.8 V - 230 A / 22 V
Duty cycle IEC Rating	190 A / 27.6 V @ 60% 175 A / 27 V @ 100%
Open circuit voltage	70 V
Tank capacity	5.4 l
Single-phase power (max)	2.1 kVA / 110 V / 19 A
Single-phase power (max)	3.3 kVA / 230 V / 14.3 A
Dimensions and Weight	630x550x586 mm 112 Kg



MAGIC WELD 250

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	Honda GX 390
Current range, continuous	20 A / 20.8 V - 250 A / 25 V
Duty cycle IEC Rating	220 A / 28.8V @ 35% 200 A / 28 V @ 60% 175 A / 27 V @ 100%
Open circuit voltage	70 V
Tank capacity	6.1 l
Single-phase power (max)	2.1 kVA / 110 V / 19 A
Single-phase power (max)	3.3 kVA / 230 V / 14.3 A
Dimensions and Weight	630x490x540 mm 71 Kg



TS 200 BS/CF

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)

Engine	Honda GX390
Current range	20 A / 20.8 V - 100 A / 24 V (Set I) 90 A / 23.6 V - 200 A / 22.5 V (Set II)
Duty cycle	160 A / 26.5 V @ 60% 120 A / 24.8 V @ 100%
Open circuit voltage	98 V
Tank capacity	6.1 l
Three-phase power	6 kVA / 400 V / 8.7 A
Single-phase power	5 kVA / 230 V / 21.7 A
Dimensions and Weight	910x530x620 mm 111 Kg



TS 500 PS

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)

Engine	PERKINS 404A-22G1
Current range, continuous	20 A / 20.8 V - 500 A / 38 V
Duty cycle	420 A / 36.8V @ 60% 400 A / 34 V @ 100%
Open circuit voltage	70 Vcc
Tank capacity	60 l
Three-phase power	16kVA (12.8kW) / 400 V / 23.1 A
Single-phase power	12kVA (9.6kW) / 230 V / 52.2 A
Dimensions and Weight	1720x850x1128 mm 780 Kg



DSP 500 PS

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)



Gas Metal Arc
Welding GMAW (MIG)



Flux Cored Arc
Welding FCAW (FLUX CORED)

Engine	PERKINS 404D-22G
Current range, continuous	20 A / 20.8 V - 500 A / 37 V
Duty cycle	480 A / 39.2 V @ 35% 450 A / 38 V @ 60% 400 A / 36 V @ 100%
Open circuit voltage	65 Vcc
Tank capacity	60 l
Three-phase power	16 kVA (12.8kW) / 400 V / 23.1 A
Single-phase power	12kVA (9.6kW) / 230 V / 52.2 A
Dimensions and Weight	1720x850x1128 mm 750 Kg



DSP 600 PS

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)



Gas Metal Arc
Welding GMAW (MIG)



Flux Cored Arc
Welding FCAW (FLUX CORED)

Engine	PERKINS 1103A - 33G1
Current range, continuous	20 A / 20.8 V - 600 A / 44 V
Duty cycle	600 A / 44 V @ 35% 550 A / 42 V @ 60% 500 A / 40 V @ 100%
Open circuit voltage	73 Vcc
Tank capacity	65 l
Three-phase power	30 kVA / 400 V / 43.3 A
Single-phase power	15 kVA / 230 V / 65.2 A
Dimensions and Weight	2031x870x1217 mm 1000 Kg



DSP 2x400 PS

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)



Gas Metal Arc
Welding GMAW (MIG)



Flux Cored Arc
Welding FCAW (FLUX CORED)

Engine	PERKINS 1103A - 33TG1
Current range, continuous	20 A / 20.8 V - 2x400 A / 36 V
Duty cycle	2x400 A / 36 V @ 35% 2x360 A / 34 V @ 60% 2x330 A / 33.2 V @ 100%
Open circuit voltage	74 Vcc
Tank capacity	102 l
Three-phase power	40 kVA (30kW) / 400 V / 57.8 A
Single-phase power	20 kVA/kW / 230 V / 87 A
Dimensions and Weight	2490x1030x1480 mm 1200 Kg



DSP 2x400 YS

WELDING PROCESS



Shielded Metal Arc
welding SMAW (STICK)



Gas Tungsten Arc
Welding GTAW (TIG)



Gas Metal Arc
Welding GMAW (MIG)



Flux Cored Arc
Welding FCAW (FLUX CORED)

Engine	YANMAR 4TNV 98T
Current range, continuous	20 A / 20.8 V - 2x400 A / 36 V
Duty cycle	2x400 A / 36 V @ 35% 2x360 A / 34 V @ 60% 2x330 A / 33.2 V @ 100%
Open circuit voltage	74 Vcc
Tank capacity	102 l
Three-phase power	40 kVA (30kW) / 400 V / 57.8 A
Single-phase power	20 kVA/kW / 230 V / 87 A
Dimensions and Weight	2490x1030x1480 mm 1200 Kg



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