

KOLARC

BUILDING THE FUTURE



MX , TX , SX , SAWX , KM & KS

Catalogo

2024

AGINT
INNOVATIVE WELDING



ABBREVIATIONS

MMA	Manual Metal Arc
TIG	Tungsten Inert Gas
MIG/MAG	Metal Inert Gas / Metal Active Gas
SAW	Submerged Arc Welding
CC	Constant Current
CV	Constant Voltage
CC + CV	Constant Current + Constant Voltage
W	Water - Cooled
A	Air - Cooled
T	Trolley

PRODUCTS INTEGRATED WITH INDUSTRY 4.0

- Efficiency
- Quality
- Maintenance
- Cost Optimization



Technical Support & Cloud Hosting: € 9/Month



MX **Series**

**Whether It's Manual Or
Robotic. Entirely New
Welding Experience**

- Spatter-free steel welding**
- Effortless and easy to use**
- Perfect start**
- Smart power source**
- Optimized arc control**
- Wind Tunnel Design**
- Inteligent Cooling System**

KM **Series**

**The Perfect Value for the
Price**



Model

XM50

XM36

XM25

Technical Data

Cooling Method	Water-Cooled	Air-Cooled	Air-Cooled
Rating: CO2	530A	530A	320A
Rating: Mixed Gas	490A	490A	290A
Rating: Pulse	400A	400A	-
Duty Cycle	100%	100%	60%
Wire Size	0.9-1.6	0.9-1.6	0.8-1.2
Minimum Water Flow	1.2 l/min	1.2 l/min	-
Minimum Water Inlet Pressure	2.0Bar	2.0Bar	-
Minimum Cooling Requirements	1200W	1200W	-
Maximum Water Inlet Pressure	5.0Bar	5.0Bar	-
Maximum Water Inlet Temperature	50OC	50OC	-
Product Code	H3560	H3566	H3564
Variant	00001 00002	00001 00002	00001 00002
Length	3M 4M	3M 4M	3M 4M



Precision-engineered cooling chambers remove excess heat twice as fast as standard torches

- 1- Contact tip last up to 6 times longer than standard**
- 2- Nozzles last upto 3 times longer**
- 3- Tip adaptors last upto 5 times longer**

Standard Accessories



Water cooling Unit



Trolley



3m and 4m remote controlled torches



Gas pressure regulator



C type earth clamp



Coolant 2.5L

MX600 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG 600A / 60% MMA 500A / 100% MIG, 500A / 100% TIG, 500A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Air Cooled , W 101 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4M Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1140

MX600 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG, 600A / 60% MMA 500A / 100% MIG, 500A / 100% TIG, 500A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Water Cooled , W 119 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1142

MX600 Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG, 600A / 60% MMA 500A / 100% MIG, 600A / 100% TIG, 600A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Air Cooled , W 101 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (95 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1141

MX600 W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG, 600A / 60% MMA 500A / 100% MIG, 500A / 100% TIG, 600A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Water Cooled , W 119 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (95 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1143

MX600 Shipyard



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG, 600A / 60% MMA 500A / 100% MIG, 600A / 100% TIG, 600A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Air Cooled , W 101 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (95 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1141

MX600 W Shipyard



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	600 A
Duty Cycle, 40°C	600A / 60% MIG, 600A / 60% TIG, 600A / 60% MMA 500A / 100% MIG, 500A / 100% TIG, 600A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.2 + 1.6 mm / Steel
Weight	Water Cooled , W 119 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (95 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1143

MX500 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Cooled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimention (L, B, H)	1040mm x 532mm x 1109mm
Certification	CE
Stock Code	M1120

MX500 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimention (L, B, H)	1040mm x 532mm x 1347mm
Certification	CE
Stock Code	M1122

MX500 Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Cooled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1121

MX500 W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% MMA, 500A / 60% TIG 400A / 100% MIG, 400A / 100% MMA, 400A / 100% TIG
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1123

MX500 Shipyard



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Colled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1124

MX500 W Shipyard



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1125

KM500



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Colled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1289

KM500 W



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	500 A
Duty Cycle, 40°C	500A / 60% MIG, 500A / 60% TIG, 500A / 60% MMA 400A / 100% MIG, 400A / 100% TIG, 400A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1288

MX400 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	400A / 60% MIG, 400A / 60% TIG, 400A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Cooled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	530mm x 1250mm x 1050mm
Certification	CE
Stock Code	M1100

MX400 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	400A / 60% MIG, 400A / 60% TIG, 400A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1102

MX400 Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	400A / 60% MIG, 400A / 60% TIG, 400A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Air Colled , W 96 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1101

MX400 W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	400A / 60% MIG, 400A / 60% TIG, 400A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	1.0 + 1.2 mm / Steel
Weight	Water Cooled , W 115 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (70 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimention (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1103

MX350 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 75 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimention (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1080

MX350 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 91 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimention (L, B, H)	Remote Controlled Torch 4 M
Certification	CE
Stock Code	M1082

MX350 Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 75 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (5 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1081

MX350 W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 91 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 1270mm x 1050mm
Certification	CE
Stock Code	M1083

MX350 C Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26,5 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (1 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1060

MX350 C W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 60,5 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (1 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 950mm x 1050mm
Certification	CE
Stock Code	M1062

MX350 C Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26,5 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (1 m) MX36 Remote Controlled Torch 4 M Trolley
Dimentions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1061

MX350 C W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	325 A
Duty Cycle, 40°C	350A / 60% MIG, 350A / 60% TIG, 350A / 60% MMA 300A / 100% MIG, 300A / 100% TIG, 300A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 60,5 kg
Standard Accessoris	5 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) Interconnection H.P (1 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimentions (L, B, H)	530mm x 950mm x 1050mm
Certification	CE
Stock Code	M1063

MX270 C Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	270A / 60% MIG, 270A / 60% TIG, 270A / 60% MMA 210A / 100% MIG, 210A / 100% TIG, 210A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26.5 kg
Standard Accessoris	4 m Power Cable (4 x 2.5 mm ²) 3 m Earth Clamp (50 mm ²) Gas Hose (1.5 m) MX25 Remote Controlled Torch 4 M
Dimensions (L, B, H)	245mm x 450mm x 610mm
Certification	CE
Stock Code	M1020

MX270 C W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	270A / 60% MIG, 270A / 60% TIG, 270A / 60% MMA 210A / 100% MIG, 210A / 100% TIG, 210A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 60.5 kg
Standard Accessoris	4 m Power Cable (4 x 2.5 mm ²) 3 m Earth Clamp (50 mm ²) Gas Hose (1.5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimensions (L, B, H)	530mm x 950mm x 1050mm
Certification	CE
Stock Code	M1022

MX270 C Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	270A / 60% MIG, 270A / 60% TIG, 270A / 60% MMA 210A / 100% MIG, 210A / 100% TIG, 210A / 100% MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26.5 kg
Standard Accessoris	3 m Power Cable (4 x 2.5 mm ²) 3 m Earth Clamp (50 mm ²) Gas Hose (1.5 m) MX25 Remote Controlled Torch 4 M
Dimensions (L, B, H)	245mm x 450mm x 610mm
Certification	CE
Stock Code	M1021

MX270 C W Synergic



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	270 A
Duty Cycle, 40°C	270A / 60% MIG, 270A / 60% TIG, 270A / 60% MMA 400A / %100 MIG, 400A / %100 TIG, 400A / %100 MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Water Cooled, W 60.5 kg
Standard Accessoris	4 m Power Cable (4 x 2.5 mm ²) 3 m Earth Clamp (50 mm ²) Gas Hose (1.5 m) XM50 Remote Controlled Torch 4 M Coolant 2.5 L Trolley
Dimensions (L, B, H)	530mm x 950mm x 1050mm
Certification	CE
Stock Code	M1023

MX220 C Pulse



Technical Specifications

Input Voltage	230 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	150 A
Duty Cycle, 40°C	150A / %25 MIG, 220A / %35 TIG, 170A / %25 MMA 110A / %60 MIG, 110A / %60 TIG, 110A / %60 MMA 90A / %100 MIG, 90A / %100 TIG, 90A / %100 MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26,5 kg
Standard Accessoris	4 m Power Cable (3 x 2.5 mm ²) 3 m Earth Clamp (16 mm ²) Gas Hose (1.5 m) MX25 Remote Controlled Torch 4 M
Dimentions (L, B, H)	245mm x 450mm x 610mm
Certifications	CE
Stock Code	M1000

MX220 C Synergic



Technical Specifications

Input Voltage	230 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	150 A
Duty Cycle, 40°C	150A / %25 MIG, 220A / %35 TIG, 170A / %25 MMA 110A / %100 MIG, 110A / %60 TIG, 110A / %60 MMA 90A / %100 MIG, 90A / %100 TIG, 90A / %100 MMA
Open – Circuit Voltage	60 V
Factory Delivered Roller	0.8 + 1.0 mm / Steel
Weight	Air Cooled, W 26,5 kg
Standard Accessoris	4 m Power Cable (3 x 2.5 mm ²) 3 m Earth Clamp (16 mm ²) Gas Hose (1.5 m) MX25 Remote Controlled Torch 4 M
Dimentions (L, B, H)	245mm x 450mm x 610mm
Certification	CE
Stock Code	M1001



TX Series

Seamless TIG Welding Experience, Unparalleled Performance

Spatter-free steel welding

Effortless and easy to use

Customizable user interface

Smart power source

Optimized arc control

Wind Tunnel Design

Intelligent Cooling System



Model	T17	TX17	TX18	TX26	XT19	XT27
Technical Data						
Cooling Method	Air-Cooled	Air-Cooled	Liquid Cooled	Air-Cooled	Liquid Cooled	Air-Cooled
Rating: DC	135A	150A	380A	180A	400A	190A
Rating: AC	95A	105A	270A	125A	280A	135A
Duty Cycle	35%	35%	100%	35%	100% 4 M	35%
Electrode Size	1.0-3.2	1.0-2.4	1.0-4.0	1.0-4.0	1.0-4.0	1.0-4.0
Minimum Water Flow Rate	-	-	1.0 L/Min	-	1.5 L/Min	-
Minimum Water Inlet Pressure	-	-	2.0Bar	-	3.0 Bar	-
Maximum Water Inlet Pressure	-	-	5.0 Bar	-	5.0 Bar	-
Maximum Water Inlet	-	-	50 C	-	50 C	-
Product Code	H3569	H3570	H3571	H3572	H3561	H3562
Variant	00001	00001 00002	00001 00002	00001 00002	00001 00002	00001 00002
Length	4M	4M 8M	4M 8M	4M 8M	4M 8M	4M 8M



Ceramics will last 5 times longer

1- Back Caps will last **10 times longer**

2- Gas Lens Bodies will last **20 times longer**

3- Collet Bodies will last **10 times longer**

Standard Accessories



Water cooling Unit



Trolley



3m and 4m remote controlled torches



Gas pressure regulator



C type earth clamp

TX400 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	
	400A / %45 TIG, 400A / %45 MMA
	350A / %60 TIG, 350A / %60 MMA
	300A / %100 TIG, 300A / %100 MMA
Open – Circuit Voltage	90 V
Weight	27 kg
Standard Accessoris	3 m Power Cable (4 x 6 mm ²)
	3 m Earth Clamp (50 mm ²)
	Gas Hose (1.5 m)
	TX26 Remote Controlled Torch 4 M
Dimentions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1200

TX400 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	
	400A / %45 TIG, 400A / %45 MMA
	350A / %60 TIG, 350A / %60 MMA
	300A / %100 TIG, 300A / %100 MMA
Open – Circuit Voltage	90V
Weight	64 kg
Standard Accessoris	4 m Power Cable (4 x 6 mm ²)
	3 m Earth Clamp (50 mm ²)
	Gas Hose (1.5 m)
	TX18 Remote Controlled Torch 4 M
	Coolant 2.5 L
	Trolley
Dimentions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1201

TX270 Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	
	270A / %45 TIG, 270 / %45 MMA
	225A / %60 TIG, 255 / %60 MMA
	180A / %100 TIG, 180 / %100 MMA
Open – Circuit Voltage	90 V
Weight	25 kg
Standard Accessoris	4 m Power Cable (4 x 4 mm ²)
	3 m Earth Clamp (50 mm ²)
	Gas Hose (1.5 m)
	TX26 Remote Controlled Torch 4 M
Dimensions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1180

TX270 W Pulse



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	
	270A / %45 TIG, 270A / %45 MMA
	225A / %60 TIG, 225A / %60 MMA
	180A / %100 TIG, 180A / %100 MMA
Open – Circuit Voltage	90 V
Weight	62 kg
Standard Accessoris	4 m Power Cable (4 x 4 mm ²)
	3 m Earth Clamp (50 mm ²)
	Gas Hose (1.5 m)
	TX18 Remote Controlled Torch 4 M
	Coolant 2.5 L
	Trolley
Dimensions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1181

TX220 Pulse



Technical Specifications

Input Voltage	230 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	190 A
Duty Cycle, 40°C	
	170A / %45 TIG, 170A / %45 MMA
	110A / %60 TIG, 110A / %60 MMA
	90A / %100 TIG, 90A / %100 MMA
Open – Circuit Voltage	75 V
Weight	27 kg
Standard Accessoris	3 m Power Cable (3 x 2.5 mm ²)
	3 m Earth Clamp (16 mm ²)
	TX17 Remote Controlled Torch 4 M
Dimensions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1160



BUILDING THE FUTURE

SX **Series**

**Seamless MMA
Welding Experience,
Unparalleled
Performance**

High quality welding

Perfect weld seams

Customizable user interface

Smart power source

Optimized arc control

Wind Tunnel Design

Intelligent Cooling System

KS **Series**

**Cost-Effective
Excellence in MMA
Welding Experience**

SX1250



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	50 A
Maximum Welding Current	1250 A
Duty Cycle, 40°C	1250A / %60 MMA, 1250A / %60 TIG 1000A / %100 MMA, 1000A / %100 TIG
Open – Circuit Voltage	75 V
Weight	132 kg
Standard Accessoris	3 m Earth Clamp (95 mm ²)
Dimentions (L, B, H)	426mm x 605mm x 854mm
Certification	CE
Stock Code	M1281

SX1000



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	50 A
Maximum Welding Current	1000 A
Duty Cycle, 40°C	1000A / %60 MMA, 1000A / %60 TIG 800A / %100 MMA, 800A / %100 TIG
Open – Circuit Voltage	75 V
Weight	132 kg
Standard Accessoris	3 m Earth Clamp (95 mm ²)
Dimentions (L, B, H)	426mm x 605mm x 854mm
Certification	CE
Stock Code	M1280

SX400



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	400 A
Duty Cycle, 40°C	400A / %35 MMA, 400A / %55 TIG 350A / %60 MMA, 350A / %60 TIG 300A / %100 MMA, 300A / %100 TIG
Open – Circuit Voltage	90 V
Weight	25 kg
Standard Accessoris	3 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (50 mm ²) 2 m Electrode Clamp (50 mm ²)
Dimentions (L, B, H)	372mm x 242mm x 497mm
Certification	CE
Stock Code	M1260

SX270



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	270 A
Duty Cycle, 40°C	270A / %35 MMA, 270A / %35 TIG 225A / %60 MMA, 225A / %60 TIG 180A / %100 MMA, 180A / %100 TIG
Open – Circuit Voltage	90 V
Weight	25 kg
Standard Accessoris	3 m Power Cable (4 x 4 mm ²) 3 m Earth Clamp (50 mm ²) 2 m Electrode Clamp (50 mm ²)
Dimentions (L, B, H)	230mm x 495mm x 420mm
Certification	CE
Stock Code	M1240

SX220



Technical Specifications

Input Voltage	230 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5 A
Maximum Welding Current	190 A
Duty Cycle, 40°C	
	170A / %45 MMA, 170A / %45 TIG
	110A / %60 MMA, 110A / %60 TIG
	90A / %100 MMA, 90A / %100 TIG
Open – Circuit Voltage	90 V
Weight	14 kg
Standard Accessoris	4 m Power Cable (4 x 4 mm ²) 2 m Earth Clamp (16 mm ²) 3 m Electrode Clamp (16 mm ²)
Dimensions (L, B, H)	230mm x 435mm x 420mm
Certification	CE
Stock Code	M1220

KS160



Technical Specifications

Input Voltage	230 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	10 A
Maximum Welding Current	160 A
Duty Cycle, 40°C	
	160A / %35 MMA, 160A / %25 TIG
	115A / %60 MMA, 110A / %60 TIG
	85A / %100 MMA, 100A / %100TIG
Open – Circuit Voltage	70 V
Weight	3.5 kg
Standard Accessoris	2m Power Cable (3 x 2.5 mm ²) 2.5m Earth Clamp (16 mm ²) 1.5m Electrode Clamp (16 mm ²)
Dimensions (L, B, H)	216mm x 107mm x 233mm
Certification	CE
Stock Code	M2350



BUILDING THE FUTURE

SAW X Series

Professional Submerged Welding Machine

High performance and unique design

Control at a glance

Perfect weld seams

Customizable user interface

Smart power source

Optimized arc control

Wind Tunnel Design

High sensitivity

Submerged arc welding of all diameters



SAW Automation 1250



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	1250 A
Duty Cycle, 40°C	500A / %60 MIG, 500A / %60 TIG, 500A / %60 MMA 800A / %100 MIG, 800A / %100 TIG, 800A / %100 MMA
Open – Circuit Voltage	90 V
Factory Delivered Roller	3.0 + 3.4 mm / Steel
Weight	136 kg
Standard Accessoris	4 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (2 x 70 mm ²) K2 Digital Control Panel 15 m Communication Cable Voltage Reading Cable Flux Recovery System
Dimentions (L, B, H)	426mm x 605mm x 854mm
Certification	CE
Stock Code	M1285

SAW Automation 1000



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	1000 A
Duty Cycle, 40°C	1000A / %60 MIG, 1000A / %60 TIG, 1000A / %60 MMA 800A / %100 MIG, 800A / %100 TIG, 800A / %100 MMA
Open – Circuit Voltage	90 V
Factory Delivered Roller	3.0 + 3.4 mm / Steel
Weight	136 kg
Standard Accessoris	4 m Power Cable (4 x 6 mm ²) 3 m Earth Clamp (2 x 70 mm ²) K2 Digital Control Panel 15 m Communication Cable Voltage Reading Cable Flux Recovery System
Dimentions (L, B, H)	426mm x 605mm x 854mm
Certification	CE
Stock Code	M1284

Note: SAW 1000/1250 Automation excludes tractor with four wheels and rails.

SAW Tractor 1250



SAW Tractor 1000



Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	1250 A
Duty Cycle, 40°C	1250A / %60 MIG, 1250A / %60 TIG, 1250A / %60 MMA 1000A / %60 MIG, 1000A / %60 TIG, 1000A / %60 MMA
Open – Circuit Voltage	90 V
Factory Delivered Roller	3.0 + 3.4 mm / Steel
Weight	132 kg
Standard Accessoris	4 m Power Cable (4 x 6 mm ²) 5 m Earth Clamp (2 x 70 mm ²) K2 Digital Control Panel 15 m Communication Cable Voltage Reading Cable Trolley Flux Recovery System
Dimentions (L, B, H)	426mm x 605mm x 854mm
Certification	CE
Stock Code	M1283

Technical Specifications

Input Voltage	400 V
Mains Voltage Tolerance	- 10 % / + 15
Minimum Welding Current	5
Maximum Welding Current	1000 A
Duty Cycle, 40°C	1000A / %60 MIG, 1000A / %60 TIG, 1000A / %60 MMA 800A / %60 MIG, 800A / %60 TIG, 800A / %60 MMA
Open – Circuit Voltage	90 V
Factory Delivered Roller	3.0 + 3.4 mm / Steel
Weight	132 kg
Standard Accessoris	5 m Power Cable (4 x 6 mm ²) 5 m Earth Clamp (2 x 70 mm ²) K2 Digital Control Panel 15 m Communication Cable Voltage Reading Cable Trolley Flux Recovery System
Dimentions (L, B, H)	426mm x 605 mm x 854mm
Certification	CE
Stock Code	M1282


Note: SAW 1000/1250 Tractor excludes rails.




BUILDING THE FUTURE



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