

XTRA MIG WELDER

XTRA MIG-200(BV) | XTRA MIG-215(BV)



Active Synergy

Description:

The **XTRAMIG welder** is an inverter-based MCU Program Controlled portable welding machine. It integrates multiple welding process such as GMAW, FCAW, SMAW & GTAW, preset parameters and multiple adjustable parameters to adapt to welding of various materials and sizes.

With the ZERO-LAYER operating and quick Synergy regulation of welding parameters, it can do the welding jobs easily. The intelligent and automatic control of the arc, moment by moment, maintains high welding performance in all working conditions, with different materials and/or gases.

Besides the synergic quick regulation, the operator can also intervene manually along the arc length.

ALL-IN-ONE

- ✓ Solid Wire welding
- ✓ Aluminium wire welding
- ✓ Stainless steel wire welding
- ✓ Copper wire welding
- ✓ Flux cored wire welding
- ✓ Electrode welding
- ✓ Argon Tungsten welding

VISUAL INTERFACE

EASY-TO-UNDERSTAND VISUAL INTERFACE WITH 4-INCH LCD ensures proper machine setup and parameter selection, reducing setup time and increasing weld time.

Quick-Access to the process you need. The icons across the top illuminate when active. Soft-Key buttons near the display select functions accurately - makes setup or change quick, easy and intuitive.

- All the value can be shown and selected conveniently on the displayer.
- ADVANCED SETTING is available for MMA and MIG.
- Friendly to beginners, help users gradually welding skills referre to the preset parameter.
- Experienced welders can choose various welding parameters according to their welding habits through manual mode.

Cold welding

SMART THERMAL CONTROL is enabled automatically when the thickness selected is less or equal 1.0mm. The particular instantaneous control of the welding arc and the ultra-rapid correcting of parameters minimize current spikes, something that is characteristic of Short ARC transfer procedures, to the advantages of a low thermal load on the piece to be welded. The result, on the one hand, is reduced deformation of materials and, on the other, a fluid and accurate transfer of the weld material and creation of a welding seam that easy to model

- ✓ Easy welding of thin workpiece
- ✓ Decreased deformation of material
- ✓ Stable ARC under low currents
- ✓ Rapid & Accurate spot welding
- ✓ Easier coupling of spaced sheets.



Spoolgun is optional function that allows the simple connection of Spoolgun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminium wire.



- MIG-MAG (GMAW)
- STICK(SMAW)
- FCAW
- DC TIG (LIFT)

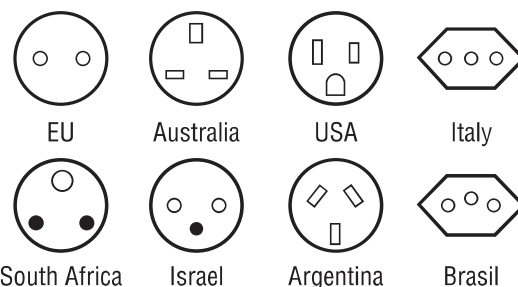
Standard Accessories:

- 1x MB15AK MIG TORCH with 3m cable
- 1x 200A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

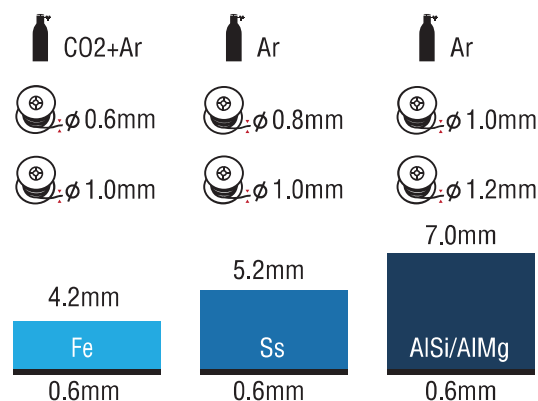
Optional Accessories:

- LIFT TIG TORCH WP17V with 4m cable
- Welding Helmet PRO400
- Welding Glove
- Flux-cored wire 0.8mm/1KG
- Electrodes E6013
- Consumable Parts Set of MIG torch

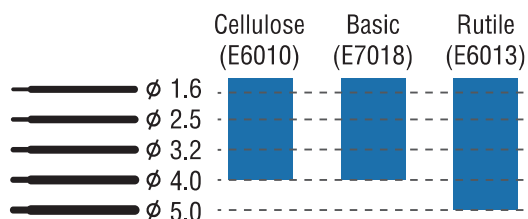
Power Plug Options:



GMAW Wedling Capability



Electrode Welding Capability



■ XTRAMIG-200 SYN

XTRA MIG WELDER

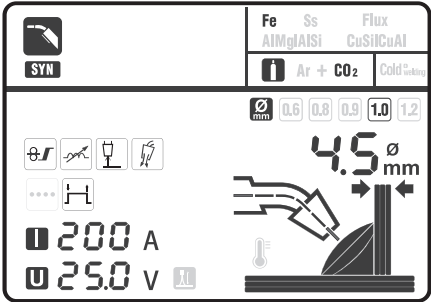
XTRA MIG-200(BV) | XTRA MIG-215(BV)

- MIG-MAG (GMAW)

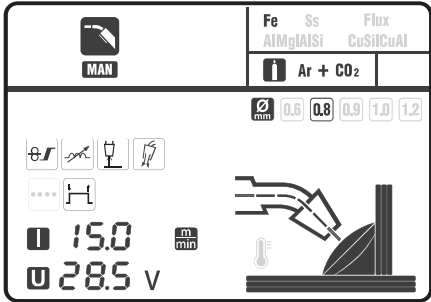
STICK(SMAW)
- FCAW

DC TIG (LIFT)

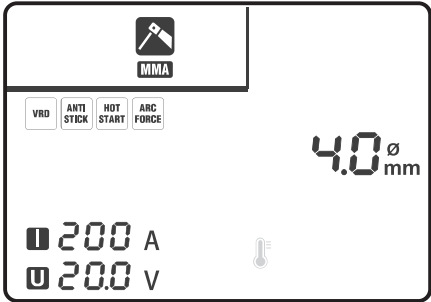
SYNERGIC MIG



MANUAL MIG



MMA - STICK



Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Fe	CO2	0.6mm	40A	0.7mm	120A	2.2mm
		0.8mm	40A	0.6mm	170A	4.1mm
		0.9mm	40A	0.6mm	200A	4.5mm
		1.0mm	50A	0.7mm	200A	4.5mm
		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
	CO2+Ar	0.6mm	40A	0.6mm	120A	1.9mm
		0.8mm	40A	0.6mm	170A	3.7mm
		0.9mm	40A	0.6mm	200A	5.1mm
1.0mm		50A	0.7mm	200A	4.2mm	
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Ss	Ar+CO2	0.8mm	40A	0.5mm	170A	3.8mm
		0.9mm	40A	0.5mm	200A	5.2mm
		1.0mm	50A	0.7mm	200A	5.2mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Flux	NO GAS	0.8mm	40A	0.7mm	170A	4.3mm
		0.9mm	40A	0.6mm	200A	5.2mm
		1.0mm	50A	0.9mm	200A	6.0mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
AlSi/AlMg	Ar	1.0mm	50A	0.6mm	150A	3.7mm
		1.2mm	60A	0.7mm	200A	7.0mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
CuSi/CuAl	Ar					
		1.0mm	50A	0.7mm	200A	4.8mm

Product Specification

Model	 50/60Hz	 I _{max}	 MIG	 STICK	 LIFT TIG	Duty Cycle (X%)		 m/min	 OCV	 Wire Dia.	 Reel Dia./KG		 INPUT POWER	 LxWxH(cm)	 KG
						100%	60%				100mm	200mm			
XTRAMIG 200(BV)	230V	32A	20-200A	20-200A	20-200A	155A	200A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	7.1KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								
XTRAMIG 215(BV)	230V	35A	20-215A	20-200A	20-200A	167A	215A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	7.7KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								

SYN MIG WELDER

SYN MIG-140(BV) | SYN MIG-160(BV) | SYN MIG-180(BV)



Description:

The **SYNMIG welder** is an inverter-based Half-bridge Microprocessor controlled portable welding machine. It integrates multiple welding process such as GMAW, FCAW, SMAW & GTAW, preset parameters and multiple adjustable parameters to adapt to welding of various materials and sizes.

With the Digital displayer and quick Synergy regulation of welding parameters, it brings you the unique welding experience. It's not only do the welding jobs easily, but also help beginners learn the parameter setting between the wire feeding speed and ARC Volt.

What's more, the experienced operator can also intervene manually along the arc length.

- All the value can be shown and selected conveniently on the displayer.

- Friendly to beginners, help users gradually welding skills refer to the preset parameter.

- ADVANCED SETTING is available.

MIG/MAG: ☒ INDUCTANCE ADJUSTMENT

MMA: ☒ VRD
☒ ANTI-STICK
☒ HOT-START
☒ ARC FORCE

- Experienced welders can choose various welding parameters according to their welding habits through manual mode.

Inductance Regulation for MIG/MAG welding

- A. Adjust the welding softness for satisfying the user's welding habit.

- B. Adjust the penetration, ensure the adhesion of the weld bead, realize the consistent penetration of the workpiece, and improve the welding quality of the workpiece

Powerful wire feeder driven by 45Watt electric motor, and it supplies high efficiency and stable feeding speed, up to 15m/min.

Quick Select Drive roll help you setup quickly by offering grooves for solid wire and flux-cored wire.

Thermal Overload Protection shuts down unit and activates over temperature light if airflow is blocked or duty cycle is exceeded. Automatically resets when it cools.

Uses 100 or 200mm spools for different demands.



Spoolgun is optional function that allows the simple connection of Spoolgun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminium wire.



- MIG-MAG (GMAW)
- STICK(SMAW)
- FCAW
- DC TIG (LIFT)

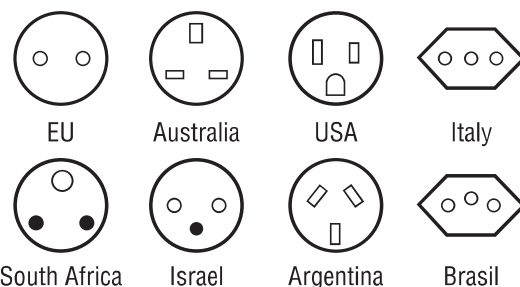
Standard Accessories:

- 1x MB15AK MIG TORCH with 3m cable
- 1x 200A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

Optional Accessories:

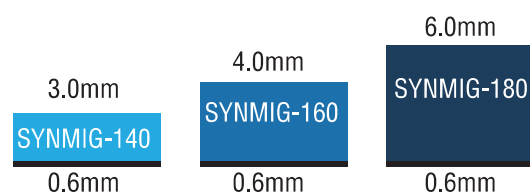
- LIFT TIG TORCH WP17V with 4m cable
- Welding Helmet PRO400
- Welding Glove
- Flux-cored wire 0.8mm/1KG
- Electrodes E6013
- Consumable Parts Set of MIG torch

Power Plug Options:

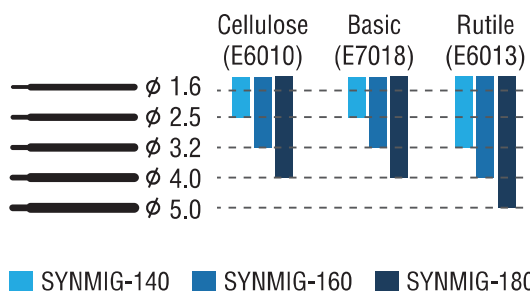


Mild Steel Wedling Capability

CO2+Ar  ϕ 0.6mm ~ ϕ 1.0mm



Electrode Welding Capability



5-IN-1

- ☒ Solid Wire welding
- ☒ Aluminium wire welding
- ☒ Flux cored wire welding
- ☒ Electrode welding
- ☒ Argon Tungsten welding

VISUAL INTERFACE

EASY-TO-UNDERSTAND VISUAL INTERFACE WITH Digital Displayer ensures proper machine setup and parameter selection, reducing setup time and increasing weld time.

Quick-Access to the process you need. The icons across the top illuminate when active. Soft-Key buttons near the display select functions accurately - makes setup or change quick, easy and intuitive.

SYN MIG WELDER

SYN MIG-140(BV) | SYN MIG-160(BV) | SYN MIG-180(BV)

- MIG-MAG (GMAW)

STICK(SMAW)
- FCAW

DC TIG (LIFT)



Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Fe	CO2	0.6mm	40A	0.7mm	120A	2.2mm
		0.8mm	40A	0.6mm	180A	4.3mm
		0.9mm	40A	0.6mm	200A	4.5mm
		1.0mm	50A	0.7mm	200A	4.5mm
		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
	CO2+ Ar	0.6mm	40A	0.6mm	120A	1.9mm
		0.8mm	40A	0.6mm	180A	4.2mm
		0.9mm	40A	0.6mm	200A	5.1mm
		1.0mm	50A	0.7mm	200A	4.2mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Flux (FCAW)	NO GAS	0.8mm	40A	0.7mm	180A	4.6mm
		0.9mm	40A	0.6mm	200A	5.2mm
		1.0mm	50A	0.9mm	200A	6.0mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
AlSi	Ar	1.0mm	50A	0.6mm	150A	3.7mm
AlMg		1.2mm	60A	0.7mm	200A	7.0mm

Product Specification

Model	50/60Hz	I _{max}	MIG	STICK	TIG	Duty Cycle (X%)		m/min	OCV	Wire Dia.	Reel Dia./KG		INPUT POWER	LxWxH(cm)	KG
						100%	60%				100mm	200mm			
SYNMIG 140(BV)	230V	21A	20-140A	20-140A	20-140A	108A	140A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	4.5KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								
SYNMIG 160(BV)	230V	24A	20-160A	20-160A	20-160A	124A	160A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	5.5KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								
SYNMIG 180(BV)	230V	28A	20-180A	20-180A	20-180A	139A	180A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	6.5KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								

NEO MIG WELDER

NEO MIG-160(BV) | NEO MIG-180(BV) | NEO MIG-200



Description:

The **NEOMIG welder** is an inverter-based portable full-bridge welding machine combined with GMAW, FCAW, SMAW and DC LIFT TIG WELDING.

Easy Stepless adjustment of voltage and wire feed brings quick setting of welding parameters giving excellent and professional welding results. Wire inch gives easy feeding of the wire during set up without gas wastage and the Burn Back adjustment leaves the wire out ready for the next weld.

The unit works with electrode for stick welding also.

DC LIFT TIG is available through scratching arc start by optional TIG-17V torch.

Features:



- ☒ Solid Wire welding
- ☒ Flux cored wire welding
- ☒ Electrode welding
- ☒ Argon Tungsten welding

Inbuilt Advanced Function for MMA welding

- ANTI-STICK is available
- HOT-START is available
- ARC-FORCE is available

Inductance Regulation for MIG/MAG welding

- A. Adjust the welding softness for satisfying the user's welding habit.

- B. Adjust the penetration, ensure the adhesion of the weld bead, realize the consistent penetration of the workpiece, and improve the welding quality of the workpiece

Quick ARC-START and Wave Control for MIG/MAG welding

Stabilized the small current transition, Reduce the splash of large current by 70% ~ 80%. The constant current arc starting improves the arc starting to 100%. Adopt analog circuit high-speed and accurate control technology, to achieve precise control of each droplet transfer and high-speed welding. High penetration rate and excellent weld bridging ability, realize the wide gap welding and high weld quality. Ultra-low heat input can control the formation of weld and minimize the deformation.

Powerful wire feeder driven by 45Watt electric motor, and it supplies high efficiency and stable feeding speed, up to 15m/min.

Quick Select Drive roll help you setup quickly by offering grooves for solid wire and flux-cored wire.

Smooth-start provides a smooth, spatter-free arc starting.

Thermal Overload Protection shuts down unit and activates over temperature light if airflow is blocked or duty cycle is exceeded. Automatically resets when it cools.

Uses 100 or 200mm spools for different demands.



Spoolgun is optional function that allows the simple connection of Spoolgun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminium wire.



- MIG-MAG (GMAW)
- STICK(SMAW)
- FCAW
- DC TIG (LIFT)

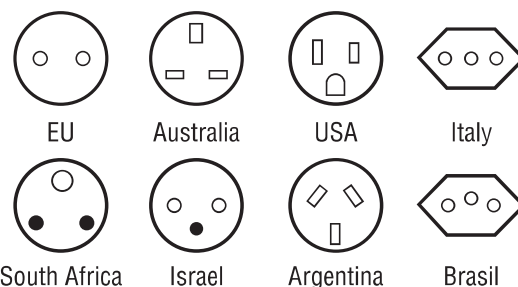
Standard Accessories:

- 1x MB15AK MIG TORCH with 3m cable
- 1x 200A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

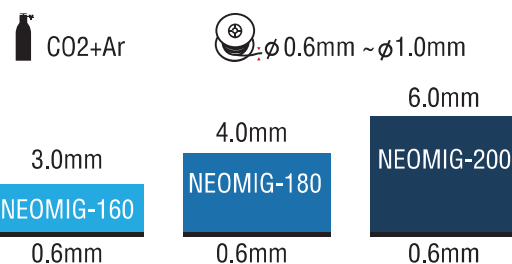
Optional Accessories:

- LIFT TIG TORCH WP17V with 4m cable
- Welding Helmet PRO400
- Welding Glove
- Flux-cored wire 0.8mm/1KG
- Electrodes E6013
- Consumable Parts Set of MIG torch

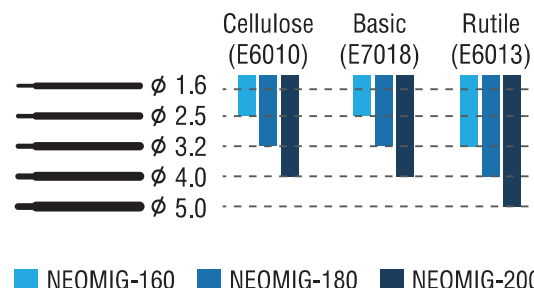
Power Plug Options:



Mild Steel Welding Capability



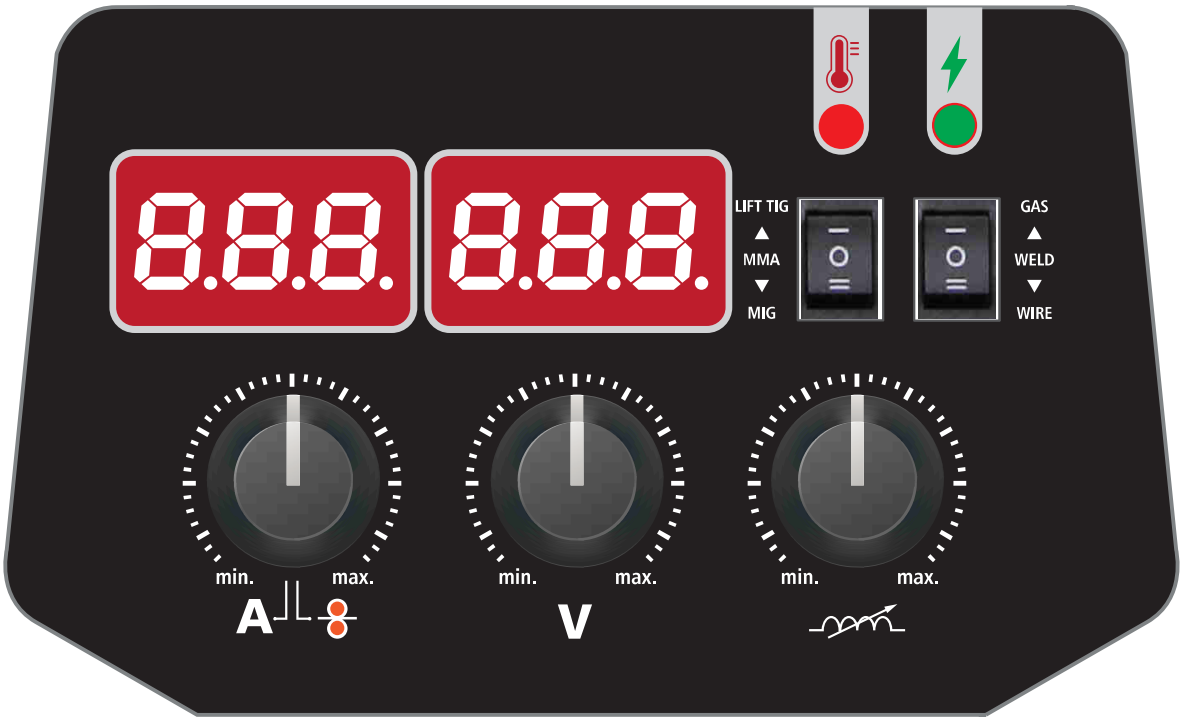
Electrode Welding Capability



NEO MIG WELDER

NEO MIG-160(BV) | NEO MIG-180(BV) | NEO MIG-200

- MIG-MAG (GMAW)
 - STICK(SMAW)
- FCAW
 - DC TIG (LIFT)



Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Fe	CO2	0.6mm	40A	0.7mm	120A	2.2mm
		0.8mm	40A	0.6mm	180A	4.3mm
		0.9mm	40A	0.6mm	200A	4.5mm
		1.0mm	50A	0.7mm	200A	4.5mm
		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
	CO2+ Ar	0.6mm	40A	0.6mm	120A	1.9mm
		0.8mm	40A	0.6mm	180A	4.2mm
		0.9mm	40A	0.6mm	200A	5.1mm
		1.0mm	50A	0.7mm	200A	4.2mm
Material & Gas		Wire Dia.	Min. Welding Current	Workpiece Thick.	Max. Welding Current	Workpiece Thick.
Flux (FCAW)	NO GAS	0.8mm	40A	0.7mm	180A	4.6mm
		0.9mm	40A	0.6mm	200A	5.2mm
		1.0mm	50A	0.9mm	200A	6.0mm

Product Specification

Model	 50/60Hz	 I _{max}	 MIG	 STICK	 TIG	Duty Cycle (X%)		 m/min	 OCV	 Wire Dia.	Reel Dia./KG		 INPUT POWER	 LxWxH(cm)	 KG
						100%	60%				100mm	200mm			
NEOMIG 160(BV)	230V	24A	20-160A	20-140A	20-140A	108A	160A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	4.5KW	50x24x44	11
	110V	35A	20-125A	20-125A	20-125A	125A	-								
NEOMIG 180(BV)	230V	24A	20-180A	20-160A	20-160A	124A	180A	15	60V	0.6 - 1.2mm	100mm 1kg	200mm 5kg	5.5KW	50x24x44	11
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	110V	-	-	-	-	-	-								