



2023

CATALOGUE

**GRGM**  
CORPORATION



# **INDUSTRIAL WELDING MACHINES**

**THE NEW OPTION IN HIGH TECH  
WELDING, CUTTING & PPE PRODUCTS**

# NOTES

# OUR COMPANY

INFRA GROUP, FOUNDED IN 1919, IS A PROMINENT MEXICAN ORGANIZATION WITH A RICH HISTORY OF OVER 100 YEARS IN THE INDUSTRY. WITH A PORTFOLIO OF 30 COMPANIES AND A WORKFORCE OF OVER 4,000 EMPLOYEES, INFRA GROUP HAS ESTABLISHED ITSELF AS A LEADER IN VARIOUS SECTORS.

IN 1980, INFRA GROUP ENTERED INTO A JOINT VENTURE WITH AIR PRODUCTS, A GLOBAL GIANT IN INDUSTRIAL GASES MANUFACTURING. THIS PARTNERSHIP HAS FLOURISHED OVER THE PAST FOUR DECADES, FOSTERING TRUST AND PROFITABILITY FOR BOTH ENTITIES.

WHILE INFRA GROUP IS PRIMARILY KNOWN FOR ITS INDUSTRIAL AND MEDICAL GASES BUSINESS, IT ALSO OPERATES FOUR MANUFACTURING FACILITIES THAT SPECIALIZE IN SIX MAIN PRODUCT LINES:

1. **FILLER METALS:** INFRA GROUP PRODUCES HIGH-QUALITY FILLER METALS USED IN WELDING APPLICATIONS. THESE MATERIALS PLAY A CRUCIAL ROLE IN CREATING STRONG AND RELIABLE WELDS.
2. **WELDING MACHINES:** THE ORGANIZATION MANUFACTURES WELDING MACHINES, WHICH ARE ESSENTIAL TOOLS FOR JOINING METALS THROUGH WELDING PROCESSES. INFRA GROUP'S WELDING MACHINES ARE DESIGNED TO MEET INDUSTRY STANDARDS AND DELIVER EXCELLENT PERFORMANCE.
3. **AIR PLASMA CUTTER:** INFRA GROUP OFFERS AIR PLASMA CUTTERS, WHICH UTILIZE IONIZED GAS TO PRECISELY CUT VARIOUS METALS. THESE TOOLS ARE KNOWN FOR THEIR ACCURACY AND EFFICIENCY IN INDUSTRIAL APPLICATIONS.
4. **SAFETY & PPE:** INFRA GROUP PLACES SIGNIFICANT EMPHASIS ON SAFETY AND OFFERS A RANGE OF PERSONAL PROTECTIVE EQUIPMENT (PPE) PRODUCTS. THESE INCLUDE ITEMS SUCH AS SAFETY GOGGLES, GLOVES, HELMETS, AND OTHER PROTECTIVE GEAR TO ENSURE THE WELL-BEING OF WORKERS.
5. **WELDING AND CUTTING EQUIPMENT:** INFRA GROUP MANUFACTURES A COMPREHENSIVE RANGE OF WELDING AND CUTTING EQUIPMENT. THIS INCLUDES WELDING TORCHES, REGULATORS, CUTTING TORCHES, AND RELATED ACCESSORIES REQUIRED FOR METAL FABRICATION AND REPAIR WORK.
6. **WELDING ACCESSORIES:** INFRA GROUP ALSO PRODUCES A VARIETY OF WELDING ACCESSORIES THAT COMPLEMENT OUR WELDING AND CUTTING EQUIPMENT. THESE ACCESSORIES MAY INCLUDE WELDING ELECTRODES, WIRE BRUSHES, CLAMPS, AND OTHER ESSENTIAL TOOLS.

WHEN CUSTOMERS CHOOSE INFRA PRODUCTS, THEY CAN EXPECT SEVERAL ADVANTAGES, INCLUDING:

- I. **PRODUCTION AND DELIVERY ON DEMAND:** INFRA GROUP STRIVES TO MEET CUSTOMER DEMANDS PROMPTLY. THEY OFFER PRODUCTION AND DELIVERY SERVICES TAILORED TO SPECIFIC REQUIREMENTS, ENSURING TIMELY ACCESS TO THEIR PRODUCTS.
- II. **COMPETITIVE PRICES:** AS A DIRECT MANUFACTURER, INFRA GROUP ELIMINATES INTERMEDIARIES AND OFFERS COMPETITIVE PRICES TO CUSTOMERS. THIS APPROACH ENSURES AFFORDABILITY WITHOUT COMPROMISING ON QUALITY.
- III. **COMPLIANCE WITH STANDARDS:** INFRA GROUP'S PRODUCTS MEET AND EXCEED NATIONAL AND INTERNATIONAL STANDARDS. THIS COMMITMENT TO QUALITY ENSURES THAT CUSTOMERS RECEIVE RELIABLE AND COMPLIANT PRODUCTS.
- IV. **ACCREDITED LABORATORY:** INFRA GROUP'S LABORATORY IS ACCREDITED BY THE MEXICAN ACCREDITATION ENTITY (EMA). THIS ACCREDITATION DEMONSTRATES THEIR ADHERENCE TO RIGOROUS QUALITY CONTROL PROCESSES, ENABLING THEM TO GUARANTEE THE QUALITY OF THEIR PERSONAL PROTECTIVE EQUIPMENT PRODUCTS.

OVERALL, INFRA GROUP'S EXTENSIVE EXPERIENCE, DIVERSE PRODUCT OFFERINGS, AND COMMITMENT TO QUALITY MAKE THEM A RELIABLE CHOICE FOR CUSTOMERS SEEKING INDUSTRIAL GASES, WELDING EQUIPMENT, AND RELATED PRODUCTS.

# INDUSTRIAL WELDING MACHINES

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# INDUSTRIAL WELDERS

## SMAW

### MI 225

PN# 3620



Weight: 61 lbs

Dimensions:

H: 9"

W: 12"

L: 15"



Light Duty

Includes: Power cord, welding cables with electrode holder, ground clamp cable.

Feed	Max Output	Current Range
127 Volts. 39 Amps. Single phase, 60 Hz.	100 Amps. @ 24 Volts. AC, 20% Duty Cycle.	Low 45 to 160 Amps. AC
220 Volts. 45 Amps. Single phase, 60Hz.	155 Amps. @ 25 Volts. AC, 20% Duty Cycle.	High 85 to 230 Amps. AC

Process

(SMAW) -Flux Coated Electrode AC- Diameter: 1.6, 2.4, 3.2 and 4.0 mm. (1/16", 3/32", 1/8" and 5/32").

### CODE 255

PN# 30171



Weight: 57 lbs

Dimensions:

H: 9"

W: 8.7"

L: 16.4 "



Light Duty

Includes: Ground Cable with clip and electrode cable.

Feed	Max Output	Current Range
110 Volts. 60 Amps. Single phase, 60 Hz	125 Amps. @ 23 Volts.AC 20% Duty Cycle.	70 to 125 Amps. AC
220 Volts. 52Amps. Single phase, 60 Hz	200 Amps. @ 26 Volts.AC 10% Duty Cycle.	100 to 230 Amps. AC

Process

(SMAW) Flux Coated Electrode - AC- Diameter: 3/32"(2.4 mm) to 3/16"  
(4.8 mm) E-6011 and E-6013.

### TH 200

PN# 3048



Weight: 61 lbs

Dimensions:

H: 11"

W: 8"

L: 16"



Light Duty

Includes: Heavy Duty 3x8 wire feeder cable.1.8 m long.  
Clips set for PAS 200 cable holder and welding electrodes housing hooks.

Feed	Max Output	Current Range
127 Volts. 51 Amps. Single phase, 60 Hz	100 Amps. @ 22 Volts.AC 40% Duty Cycle.	50 to 100 Amps. AC
220 Volts. 44 Amps. Single phase, 60 Hz	180 Amps. @ 24 Volts.AC 10% Duty Cycle.	50 to 180 Amps. AC

Process

(SMAW) Flux Coated Electrode - AC- Diameter: 1/16", 1/8" & 5/32"  
(1.6 mm to 4.0 mm) E-6011 and E-6013.

### TH250

PN# 3033



Light Duty

Weight: 92 lbs

Dimensions:

H: 19"

W: 12.5"

L: 13.7"

Includes: Power cord, welding cables with electrode holder, cable holder and welding electrodes housing hooks.

Feed	Max Output	Current Range
127 Volts. 39 Amps. Single phase, 60 Hz	100 Amps. @ 24 Volts. AC, 30% Duty Cycle.	30 to 100 Amps. AC
220 Volts. 65 Amps. Single phase, 60Hz	225 Amps. @ 25 Volts. AC, 20% Duty Cycle.	30 to 225 Amps. AC

Process

(SMAW) Flux Coated Electrode - AC- Diameter: 3/32", 1/8" & 5/32"  
(2.3 mm to 4.0 mm) E-6011 and E-6013.

## TH300

PN# 3389



Weight: 109 lbs

Dimensions:

H: 19"

W: 12.5"

L: 13.7"



Medium Duty

### Feed

### Max Output

### Current Range

127 Volts. 58 Amps.  
Single fase, 60 Hz.

100 Amps. @ 22 Volts. CA,  
30% Duty Cycle.

30 to 100 Amps. AC

220 Volts. 70 Amps.  
Single fase, 60Hz

270 Amps. @ 28.8 Volts. CA,  
20% Duty Cycle.

Low 35 to 200 Amps. AC  
High 55 to 300 Amps. AC

### Process

(SMAW) Flux Coated Electrode - AC- Diameter: 3/32"(2.3 mm), 1/8"(3.2 mm) and  
5/32"(4.0 mm).

## TH235/160

PN# 3676



Weight: 112 lbs

Dimensions:

H: 19"

W: 12.5"

L: 13.7"



Medium Duty

### Feed

### Max Output

### Current Range

127 Volts. 39 Amps.  
Single fase, 60 Hz.

100 Amps. @ 22 Volts. AC/DC,  
30% Duty Cycle.

35 to 100 Amps. AC

220 Volts. 58 Amps.  
Single fase, 60Hz

230 Amps. @ 27 Volts. AC,  
150 Amps @ 24 Volts CD  
20% Duty Cycle

Low 30 to 190 Amps. AC  
High 35 to 250 Amps. AC  
20 to 160 Amps. DC

### Process

(SMAW) Flux Coated Electrode - AC & DC- Diameter: 3/32"(2.3 mm), 1/8"(3.2 mm) and  
5/32"(4.0 mm).

## TH320 AC/DC

PN#. 3034



Weight: 139 lbs

Dimensions:

H: 19"

W: 12.5"

L: 13.7"



Medium Duty

Includes: Power cord, welding cables with electrode holder

### Feed

### Max Output

### Current Range

127 Volts. 39 Amps.  
Single fase, 60 Hz.

100 Amps. @ 24 Volts. AC/DC,  
30% Duty Cycle.

35 to 100 Amps. AC  
30 to 100 Amps. DC

220 Volts.70 Amps.  
Single fase, 60Hz

300 Amps. @ 32Volts. AC,  
200 Amps @ 25 Volts CD  
20% Duty Cycle

Low 35 to 200 Amps. AC  
High 55 to 300 Amps. AC  
30 to 200 Amps. DC

### Process

(SMAW) Flux Coated Electrode - AC & DC- Diameter: 1.6, 2.4, 3.2 and 4.0 mm. (1/16", 3/32", 1/8" and  
5/32").

## MI 265 L AC/DC

PN# 3653



Weight: 299 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"



Medium Duty

### Feed

### Max Output

### Current Range

220 Volts. 84Amps.  
Single fase, 60 Hz.

250 Amps. @ 30 Volts. AC/DC,  
30% Duty Cycle.

Low 25 to 150 Amps. AC  
High 50 to 275Amps. AC  
High 45 to 250 Amps. AC  
Low 20 to 150 Amps. DC

### Process

(SMAW) Flux Coated Electrode - AC & DC- Diameter: /16"(1.6 mm) to 1/4"(6.3 mm)  
TIG (GTAW) Welding wire DC Stainless Steel, Nickel and Copper Alloys.  
(GTAW) for DC/AC high frequency (optional) DC for Aluminum solder.

# INDUSTRIAL WELDERS

## SMAW

### MI 2-350 AC/DC

PN#. 3632



Weight: 304 lbs

Dimensions:

H: 21"  
W: 19"  
L: 27.7



Industrail

Feed

Max Output

Current Range

220/440 Volts.  
84/42 Amps.  
Single fase, 60 Hz

250 Amps. @ 30 Volts. AC/DC  
50% Duty Cycle.

Low 30 to 150 Amps. AC  
High 90 to 300 Amps. AC  
Low 85 to 300 Amps. DC  
High 25 to 150 Amps. DC

Process

(SMAW) Flux Coated Electrode AC/DC Diámetro: 1/16"(1.6 mm) to 1/4" 6.3 mm.  
TIG (GTAW) Welding wire DC Stainless Steel, Nickel and Copper Alloys  
AC/DC for Aluminum solder.

### MI 2-300 DC

PN# 3661



Weight: 286 lbs

Dimensions:

H: 21"  
W: 19"  
L: 27.7



Industrail

Feed

Max Output

Current Range

220/440 Volts.  
83/41.5Amps.  
Single fase, 60 Hz

250 Amps. @ 30 Volts. DC  
50% Duty Cycle.

Low 25 to 150 Amps. AC  
High 35 to 300 Amps. DC

Process

(SMAW) Flux Coated Electrode AC/DC Diámetro: 1/16"(1.6 mm) to 1/4" (6.3 mm).  
TIG (GTAW) Welding wire DC.

### MI 265 L DC

Industrail

PN# 3630



Weight: 304 lbs

Dimensions:

H: 21"  
W: 19"  
L: 27.7



Industrail

Feed

Max Output

Current Range

220 Volts. 84 Amps.  
Single fase, 60 Hz

250 Amps. @ 30 Volts. DC  
30% Duty Cycle.

Low 25 to 150 Amps. DC  
High 45 to 250 Amps. DC

Process

(SMAW) Flux Coated Electrode AC/DC Diámetro: 1/16"(1.6 mm) to 3/16"(4.8 mm).  
TIG (GTAW) Welding wire DC for 1/8"(3.2 mm)

### MI 3-400M

Industrail

PN# 3638



Weight: 299 lbs

Dimensions:

H: 30"  
W: 19"  
L: 28



Heavy Duty Industrail

Feed

Max Output

Current Range

220/440 Volts.  
54/27Amps.  
Single fase, 60 Hz

300 Amps. @ 32 Volts. DC  
60% Duty Cycle.

60 to 450 Amps. DC

Process

(SMAW) Flux Coated Electrode AC/DC Diámetro: 1/16"(1.6 mm) to 1/4" (6.3 mm).  
TIG (GTAW) Welding wire DC.

## MI 3-500M

PN# 3639



Weight: 430 lbs

Dimensions:

H: 29.5"

W: 22"

L: 35"



Heavy Duty Industrial

Feed	Max Output	Current Range
220/440 Volts. 80/40 Amps. Tri - fase, 60 Hz	400 Amps. @ 36 Volts. DC 60% Duty Cycle.	70 to 500 Amps. DC

Process

(SMAW) Flux Coated Electrode DC Diámetro: 3/32" (2.3 mm) to 1/4" (6.0 mm).  
TIG (GTAW) Welding wire DC.

## SRH 444 Golden ARC

PN# 3654



Weight: 299 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"



Heavy Duty Industrial

Feed	Max Output	Current Range
220/440 Volts. 92/46 Amps. Tri - fase, 60 Hz.	400 Amps. @ 36Volts. AC/DC, 60% Duty Cycle.	Low 60 to 345 Amps. DC High 80 to 550 Amps. DC

Process

(SMAW) Flux Coated Electrode - DC- Diameter: 1/16"(1.6 mm) to 1/4" (6.3 mm). Especially designed for buildup from 3/32" to 1/4" to and soft type for joining, hard for coating or cutting (cut-weld) Cutting and gouging with carbon electrode and air jet (CAC-A) up to an electrode diameter of 9.5 mm (3/8"). TIG (GTAW) Welding sold with and without high frequency Arc starter.

## MI 3-600M

PN# 3644



Weight: 451 lbs

Dimensions:

H: 29.5"

W: 22"

L: 35"



Heavy Duty Industrial

Feed	Max Output	Current Range
220/440 Volts. 110/55 Amps. Tri - fase, 60 Hz	500 Amps. @ 40 Volts. DC 60% Duty Cycle.	80 to 600 Amps. DC

Process

(SMAW) Flux Coated Electrode DC Diámetro: 3/32" (2.3 mm) to 1/4" (6.0 mm).  
TIG (GTAW) Welding wire DC.

## Inverter Stick Welders

### ARCTRON 130

PN#1300075



INVERTER  
TECHNOLOGY



Weight: 6 lbs

Dimensions:

H: 7"

W: 4.3"

L: 12"

Light Duty

Includes: Power cord, welding cables with electrode holder, ground clamp cable.

Feed	Max Output	Current Range
127 Volts. 34 Amps. Single fase, 50/60 Hz.	110 Amps. @ 22.4 Volts. 20% Duty Cycle.	20 to 130 Amps.
127 Volts. 32 Amps. Single fase, 50/60Hz	110 Amps. @ 14.4 Volts. 20% Duty Cycle.	20 to 130 Amps.

Process

(SMAW) Flux Coated Electrode Diameter: 1.6 mm to 3.2 mm (1/16" to 1/8"). E6010, E6011, E6013, E7018 and E308L.  
TIG (GTAW) Welding wire Stainless Steel, with "CONTACT-TIG" Tungsten Electrode Diameter: 1 mm to 1.6 mm (0.040" to 1/16").

# INDUSTRIAL WELDERS

## Inverter Stick Welders

### ARCTRON 160

PN# 3539



Weight: 12.7 lbs

Dimensions:

H: 12.7"

W: 5.5"

L: 14"



INVERTER TECHNOLOGY

Light Duty

Includes: Power cord, dinse connectors, ground clamp, electrode holder, shoulder strap, welding cables (2 AWG gauge).

Feed	Max Output	Current Range
127 Volts. 36.6 Amps. Single fase, 60 Hz.	120 Amps. @ 25 Volts. 40% Duty Cycle.	20 to 120 Amps.
220 Volts. 38.5 Amps. Single fase, 60Hz	160 Amps. @ 24.4 Volts. 40% Duty Cycle.	20 to 160 Amps.

Process

(SMAW) Flux Coated Electrode Diameter: 1.6 mm (1/16") to 4 mm (5/32"). Light Duty (SMAW) and TIG (GTAW). Can be used with most electrodes.

### ARCTRON 200

PN# 330142



Dimensions:

H: 16.6"

W: 6"

L: 16"



INVERTER TECHNOLOGY

Light Duty

Includes: Welding cables dinse connectors are included, electrode holder and ground clamp.

Feed	Max Output	Current Range
220 Volts. 63Amps. Single fase, 60 Hz.	245 Amps. @ 29.8 Volts. 35% Duty Cycle.	30 to 245 Amps.
440 Volts. 28 Amps. Single fase, 60Hz		

Process

(SMAW) Flux Coated Welding wire Diameter: 1.6 mm to 4.8 mm (1/16" to 3/16") Can be used with E7018, E6013, E6011 plus Stainless Steel and aluminum electrodes

### ARCTRON 250 L DC

PN# 30189



Dimensions:

H: 16.5"

W: 9"

L: 20.8"



INVERTER TECHNOLOGY

Light Duty

Includes: Welding cables dinse connectors are included, electrode holder and ground clamp.

Feed	Max Output	Current Range
220 Volts. 63Amps. Single fase, 60 Hz.	245 Amps. @ 29.8 Volts. 35% Duty Cycle.	30 to 245 Amps.
440 Volts. 28 Amps. Single fase, 60Hz		

Process

(SMAW) Flux Coated Welding wire Diameter: 1.6 mm to 4.8 mm (1/16" to 3/16") Can be used with E7018, E6013, E6011 plus Stainless Steel and aluminum electrodes

### ARCTRON 305

PN# 3766



Dimensions:

H: 14.5"

W: 9.5"

L: 18.5"



INVERTER TECHNOLOGY

Light Duty

Includes: Welding cables dinse connectors.

Feed	Max Output	Current Range
220 Volts. 60Amps. Single fase, 60 Hz.	300 Amps. @ 32Volts. 35% Duty Cycle. Single fase	20 to 300 Amps DC
220 Volts. 41 Amps. Single fase, 60Hz	300 Amps. @ 32Volts. DC 60% Duty Cycle. Tri fase	20 to 300 Amps DC

Process

(SMAW) Flux Coated Welding wire Diameter: 1.6 mm to 6.4 mm (1/16" to 1/4") TIG (GTAW) Welding wire DC and Tungsten Electrode Diameter: 0.40" and 3/32".

## MIG Welders

### MM 35

PN# 3592



Weight: 57 lbs

Dimensions:

H: 12"

W: 9"

L: 20"



Includes: Ground, clamp and cable, and Gas hose. Welding 10' MIG gun 100 Amps

Light Duty

### MM 140

PN# 3041



Weight: 156 lbs

Dimensions:

H: 30"

W: 12"

L: 30"



Light Duty

Includes: Ground clamp and cable; Low Cylinder rack and Gas hose. MIG Welding gun is sold separately

Feed

Max Output

Current Range

127 Volts.  
27 Amps.  
Single fase, 60 Hz

90 Amps. @19 Volts. DC  
20% Duty Cycle.

30 to 110 Amps. DC

Process

Feed

Max Output

Current Range

127 Volts.  
29 Amps.  
Single fase, 60 Hz

100 Amps. @19 Volts. DC  
30% Duty Cycle.

40 to 120 Amps. DC

Process

MIG (GMAW) Welding wire with/gas Diámetro: 0.6 to 0.9 mm (0.023" to 0.035").  
MIG (FCAW) Welding wire without/gas Diámetro: 0.8 to 0.9 mm (0.030" to 0.035")  
Compatible with Spools up to 4" (102 mm)

(GMAW) Welding wire Diámetro: 0.6 to 0.9 mm (0.023" to 0.035").

Compatible with Spools up to 4", 8" and 12" (102, 203, and 305)

### MM 180

PN# 3042



Weight: 158 lbs

Dimensions:

H: 30"

W: 12"

L: 30"



Industrial

Includes: Ground clamp and cable; Low Cylinder rack and Gas hose. MIG Welding gun is sold separately

Feed

Max Output

Current Range

220 Volts.  
18 Amps.  
Single fase, 60 Hz

130 Amps. @20Volts. DC  
30% Duty Cycle.

30 to 170 Amps. DC

Process

(GMAW) Welding wire Diámetro: 0.6 to 0.9 mm (0.023" to 0.035").  
(FCAW) Fluxed welding wire Diámetro: 0.8 mm (0.030")  
Compatible with Spools up to 4", 8" and 12" (102, 203, and 305)

### MM 252

PN# 3590



Weight: 238 lbs

Dimensions:

H: 31"

W: 10"

L: 38"



Industrial

Includes: Ground clamp and cable; Low Cylinder rack and Gas hose. MIG Welding gun is sold separately

Feed

Max Output

Current Range

220 Volts.  
48 Amps.  
Single fase, 60 Hz

250 Amps. @ 27 Volts. DC  
40% Duty Cycle.

30 to 260 Amps. DC

Process

(GMAW) Welding wire Diámetro: 0.6 to 1.2 mm (0.023" to 0.045")  
(FCAW) Fluxed welding wire Diámetro: 0.9 mm to 1.2 mm (0.035" to 0.045")  
Aluminum Wire Diámetro: 0.9 mm and 1.2 mm. (0.035" & 0.045")

# INDUSTRIAL WELDERS

## MIG Welders

### MM 261

PN# 3591



Weight: 264 lbs

Dimensions:

H: 31"

W: 14"

L: 38"



Includes: Ground clamp and cable; Low Cylinder rack and Gas hose. MIG Welding gun is sold separately

Feed	Max Output	Current Range
220/440 Volts. 52/26 Amps. Single fase, 60 Hz	250 Amps. @27 Volts. DC 60% Duty Cycle.	14 to 142 Volts DC 30 to 250 Amps. DC
Process		
(GMAW) Welding wire Diámeter: 0.6 to 1.2 mm (0.023" to 0.045") Stainless steel 0.6mm to 0.9 mm (0.023" to 0.035"). (FCAW) Fluxed welding wire Diámeter: 0.8 mm (0.030") Aluminum wire Diámeter: 0.9 mm (0.035")		

### MM 300 PRO

PN# 30191



Weight: 264 lbs

Dimensions:

H: 31"

W: 14"

L: 41"



Includes: Ground clamp and cable. Low Cylinder rack and Gas hose. V Grooved Drive Roll Kit for solid wire 0.035" and 0.045", Carrying Cart.

Feed	Max Output	Current Range
220/440 Volts. 60/30 Amps. Single fase, 60 Hz	250 Amps. @26.5 Volts. DC 60% Duty Cycle.	Maximum open Voltage 37 Volts DC 30 to 280Amps. DC
Process		

MIG (GMAW) Welding wire Diámeter: 0.6 to 1.2 mm (0.023" to 0.045")  
 (FCAW) Fluxed welding wire with or without gas Diámeter: 0.9 to 1.2 mm (0.035" to 0.045")  
 MIG (GMAW) Aluminum wire Diámeter: 0.9 mm to 1.2mm (0.035" to 3/64")

### MM 300 ES

PN# 3145



Weight: 264 lbs

Dimensions:

H: 31"

W: 14"

L: 38"



Includes: Ground clamp and cable. Low Cylinder rack and Gas hose. V Grooved Drive Roll Kit for solid wire 0.035" and 0.045"

Feed	Max Output	Current Range
220/440 Volts. 45/22 Amps. Single fase, 60 Hz	250 Amps. @27 Volts. DC 60% Duty Cycle.	30 to 300 Amps. DC
Process		
MIG (GMAW) Welding wire Diámeter: 0.6 to 1.2 mm (0.023" to 0.045") (FCAW) Fluxed welding wire with or without gas Diámeter: 0.9 up to 1.2 mm (0.035" to 0.045") MIG (GMAW) Aluminum wire Diámeter: 0.9 mm (0.035" to 0.047")		

### CP 303

PN# 3008

Heavy Duty Industrial



Weight: 273 lbs

Dimensions:

H: 32"

W: 22"

L: 48.5"

Includes: Low Cylinder rack and connectors. Torch sold separately.

Feed	Max Output	Current Range
220/440 Volts. 36/18Amps. Tri- fase, 60 Hz	300 Amps. @32 Volts. DC 100% Duty Cycle.	13 to 36 Volts DC
Process		
Weld up to 1/16" (1.6mm) Thickness on Stainless Steel and Aluminum Process (GMAW) and Fluxed welding wire (FCAW)		

## DELTAMIG 300

PN# 3491



Weight: 297 lbs

Dimensions:

H: 30"  
W: 21"  
L: 30"



Heavy Duty Industrial

Includes: Ground clamp and cable. Low Cylinder rack and Gas hose and carry cart. V Grooved Drive Roll Kit for solid wire 0.9 and 1.2 mm (0.035" and 0.045")

Feed	Max Output	Current Range
220/440 Volts. 32/16 Amps. Tri - fase, 60 Hz	300 Amps. @30 Volts. DC 60% Duty Cycle 230 Amps. @25 Volts. DC 100% Duty Cycle.	16 to 32 Volts DC
Process		
MIG (GMAW) Welding wire Diameter: 0.6 to 1.2 mm (0.023" to 0.045") (FCAW)Fluxed welding wire with or without gas Diameter: 0.9 up to 1.2 mm (0.035" to 0.045") MIG (GMAW) Aluminum wire Diameter: 0.9 mm (0.035")		

## DELTAMIG 455

PN# 3003



Weight: 502 lbs

Dimensions:

H: 33"  
W: 22"  
L: 48.5"



Heavy Duty Industrial

Includes: Low Cylinder rack and connectors.  
Torch sold separately

Feed	Max Output	Current Range
220/440 Volts. 73/36.5 Amps. Tri - fase, 60 Hz	450 Amps. @38 Volts. DC 100% Duty Cycle	10 to 38 Volts DC
Process		
Weld up to 1/4" (6.3 mm) Thickness on Stainless Steel and Aluminum Process (GMAW) and Fluxed welding wire ( FCAW) Cutting/gouging capabilities with carbon based electrodes and air (AAC) pressure up to 8mm (5/16")		

## DELTAMIG 355

PN# 3002



Weight: 469.5 lbs

Dimensions:

H: 33"  
W: 22"  
L: 48.5"



Heavy Duty Industrial

Includes: Low Cylinder rack and connectors.  
Torch sold separately

Feed	Max Output	Current Range
220/440 Volts. 54/27 Amps. Tri - fase, 60 Hz	350 Amps. @32 Volts. DC 100% Duty Cycle	10 to 32 Volts DC
Process		
Weld up to 1/16" (1.6mm) Thickness on Stainless Steel and Aluminum Process (GMAW) and Fluxed welding wire (FCAW)		

## DELTAMIG 655

PN# 3004



Weight: 546 lbs

Dimensions:

H: 33"  
W: 22"  
L: 48.5"



Heavy Duty Industrial

Includes: Low Cylinder rack and connectors.  
Torch sold separately

Feed	Max Output	Current Range
220/440 Volts. 117/58.7 Amps. Tri - fase, 60 Hz	650 Amps. @44 Volts. DC 100% Duty Cycle 800 Amps. @44 Volts. DC 60% Duty Cycle	10 to 44 Volts DC
Process		
Weld up to 3/32" (2.4 mm) Thickness on Stainless Steel and Aluminum Process (GMAW) and Fluxed welding wire (FCAW) Aluminum Wire Diameters: 0.9, 1.3 and 1.6 mm (0.035", 0.052" & 1/16") Cutting/gouging capabilities with carbon based electrodes and air pressure up to 9.5mm (3/8")		

# INDUSTRIAL WELDERS

## Multi-Process Welders

### MULTIARC 452

PN# 3603



Weight: 524 lbs

Dimensions:

H: 32"  
W: 22"  
L: 44"



Heavy Duty Industrial

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range	
220 Volts. 84 Amps. Tri - fase, 60 Hz.	450 Amps. @ 36 Volts. 100% Duty Cycle.	20 to 515 Amps. DC (CC) 10 to 38 Volts DC (VC)	
440 Volts. 44 Amps. Tri - fase, 60Hz	450 Amps. @ 36Volts. 100% Duty Cycle.		
Process			
(SMAW) DC Diameter 1/16" to 1/4". - TIG (GTAW) DC (GMAW) Welding Wire (0.023" to 5/64") Stainless steel (0.023" to 0.045") (FCAW) with or without gas (0.035" to 3/32") Cutting/gouging capabilities with carbon based electrodes and air (AAC) (3/8")			

### Trilogy 200 i

PN# 30143



Weight: 33 lbs

Dimensions:

H: 14.7"  
W: 8.2"  
L: 19"



Heavy Duty

Includes: Welding 10' MIG gun 200 Amps, gas hose and V grooved Drive Roll Kit 0.023" and 0.035". Welding cables and 50mm Dinse connector electrode holder and ground clamp, Power cord 220VAC.

Feed	Max Output	Current Range	
127/220 Volts. 30/35 Amps. Single fase, 60 Hz	185 Amps. @23.3 Volts. DC 35% Duty Cycle.	35 to 210 Amps. DC	
Process			
(SMAW) Coated Electrode, DC Diámetro: 1.6 mm (1/16") to 3.2 mm (1/8"). TIG (GTAW) Tungsten Electrode, DC Diámetro: 0.40" & 1/16". MIG (GMAW) and (FCAW) Diámetro: 0.6 mm to 0.9 mm (0.023" to 0.035")			

(SMAW) Coated Electrode, DC Diámetro: 1.6 mm (1/16") to 3.2 mm (1/8").  
 TIG (GTAW) Tungsten Electrode, DC Diámetro: 0.40" & 1/16".  
 MIG (GMAW) and (FCAW) Diámetro: 0.6 mm to 0.9 mm (0.023" to 0.035")

### MULTIARC 652

PN# 3608



Weight: 524 lbs

Dimensions:

H: 32"  
W: 22"  
L: 44"



Heavy Duty Industrial

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range	
220 Volts. 118 Amps. Tri - fase, 60 Hz.	650 Amps. @ 440 Volts DC. 100% Duty Cycle.	15 to 660 Amps. DC (CC) 10 to 44 Volts DC (VC)	
440 Volts. 59Amps. Tri - fase, 60Hz	650 Amps. @ 44 Volts. DC 100% Duty Cycle.		
Process			
(SMAW) DC Diameter 1/16" to 1/4". - TIG (GTAW) DC (GMAW) Welding Wire (0.045" to 3/32") Stainless steel (0.023" to 0.045") (FCAW) with or without gas (0.035" to 1/8") Cutting/gouging capabilities with carbon based electrodes and air (AAC) (3/8")			

### OPUS 2K 355

PN# 3507



INVERTER TECHNOLOGY



Heavy Duty

Weight: 83 lbs

Dimensions:

H: 17.5"  
W: 13.7  
L: 24"

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range	
220/440 Volts. 50/26 Amps. Single fase, 60 Hz	225 Amps. @ 29 Volts. DC 60% Duty Cycle.	5 to 400 Amps. DC (CC) 10 to 35 Volts DC (VC)	
220/440 Volts. 32/20 Amps. Tri - fase, 60Hz	300 Amps. @ 32Volts. DC 60% Duty Cycle.		
Process			
(SMAW) Coated Electrode DC Diameter 1/16" to 1/4". TIG (GTAW) DC Up to 1/4" (64mm) Thickness MIG (GMAW) Welding Wire (0.023" to 0.045") Stainless steel (0.030" to 0.045") MIG (FCAW) with or without gas (0.035" to 1/16") MIG Aluminum 0.035", 0.052" & 1/16" with wire feeder and gun			

## OPUS 2K 355 S

PN# 30192



Weight: 83 lbs

Dimensions:

H: 17.5"

W: 13.7"

L: 24"



INVERTER TECHNOLOGY

Heavy Duty

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220/440 Volts. 32/20 Amps. Single fase, 60 Hz.	225 Amps. @ 29 Volts. DC 60% Duty Cycle.	5 to 400 Amps. DC (CC) 10 to 35 Volts DC (VC)
220/440 Volts. 32/20 Amps. Tri - fase, 60Hz	300 Amps. @ 32Volts. DC 60% Duty Cycle.	

Process

(SMAW) STICK Coated Electrode DC Diameter 1/16" to 1/4".

TIG (GTAW) DC Contact- Tig Arc Starter.

MIG (GMAW) Welding Wire 0.9 mm to 1.6 mm (0.035" to 1/16")

MIG (GMAW-P) Diámetro: 0.9 mm to 1.6 mm (0.035" to 1/16")

MIG (FCAW) 0.9 mm up to 1.2 mm (0.035" to 0.045")

Cutting/gouging capabilities with carbon based electrodes and air (CAC-A)

## OPUS 560

PN# 30143



Weight: 120 lbs

Dimensions:

H: 18"

W:14"

L: 26"



INVERTER TECHNOLOGY

Heavy Duty

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220/440 Volts. 59/29 Amps. Tri - fase, 60 Hz	450 Amps. @38 Volts. DC 100% Duty Cycle.	5 to 600 Amps DC (CC) 10 to 38 Volts. D (VC)

Process

(SMAW) Coated Electrode, DC Diámetro: (1/16" to 1/4")

TIG (GTAW) DC Up to 1/4"(64mm) Thickness

MIG (GMAW) Diámetro: (0.035" to 1/16") Stainless steel (0.035" to 1/16")

MIG (FCAW) with or without gas (0.035" to 3/32")

MIG Aluminum 0.035", 0.052" & 1/16" with wire feedre and gun

Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 3/8"

## OPUS 560 S

PN# 30193



Weight: 120 lbs

Dimensions:

H: 18"

W:14"

L: 26"



INVERTER TECHNOLOGY

Heavy Duty

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220/440 Volts. 59/29 Amps. Tri - fase, 60 Hz	450 Amps. @38 Volts. DC 100% Duty Cycle.	5 to 600 Amps DC (CC) 10 to 38 Volts. D (VC)

Process

(SMAW) STICK Coated Electrode,

TIG (GTAW) DC DC Contact- Tig Arc Starter

MIG (GMAW) Diámetro: (0.035" to 1/16") Stainless steel (0.035" to 1/16")

MIG (FCAW) 0.9 mm up to 2.4 mm (0.035" to 3/32")

MIG (GMAW-P) Diámetro: 0.9 mm up to 1.6 mm (0.035" to 1/16")

Cutting/gouging capabilities with carbon based electrodes and air (CAC-A)

## FORTIS MIG 355i

PN# 30194



INVERTER TECHNOLOGY

Heavy Duty

Weight: 83 lbs

Dimensions:

H: 17"

W:13.7"

L: 24"

Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220/440 Volts. 32/20 Amps. Tri - fase, 60 Hz	300 Amps. @29 Volts. DC 60% Duty Cycle 225 Amps. @25 Volts. DC 60% Duty Cycle.	10 to 35 Volts. D (VC)

Process

MIG (GMAW) Diámetro: Welding wire 0.9mm to 1.6 mm (0.035" to 1/16")

MIG (GMAW-P) Diámetro: 0.9 mm to 1.6 mm (0.035" to 1/16")

MIG (FCAW) 0.9 mm up to 1.2 mm (0.035" to 0.045")

# INDUSTRIAL WELDERS

## TIG Welders

### ARCTRON 205 HF

PN# 3489



Weight: 33 lbs

Dimensions:

H: 14.7"

W: 8.2"

L: 19"



INVERTER TECHNOLOGY

Light Duty

Includes: Remote Control RHS-2 for HF starting, welding hose and cables with dinse connector are included. TIG welding torch is sold separately.

Feed	Max Output	Current Range
220 Volts. 45 Amps. Dual fase, 60 Hz	180Amps. @27 Volts. DC 40% Duty Cycle.	20 to 180 Amps DC

Process

(SMAW) Coated Electrode, DC Diámetro: (1/16" to 3/16")  
TIG (GTAW) Tungsten Electrode, DC Diámetro: 0.40" to 1/8"  
(GTAW-P) DC  
2T, 4T 4T BiNivel Trigger and Crater Fill for TIG only

### MI 150 AF

PN# 3016



Weight: 192 lbs

Dimensions:

H: 25"

W: 12.5"

L: 23.5"



Industrial

Torch and accessories are sold separately

Feed	Max Output	Current Range
220 /440Volts. 60/30 Amps. Single fase, 60 Hz	150 Amps. @26 Volts. DC 50% Duty Cycle 100 Amps. @24 Volts. DC 100% Duty Cycle.	Low 10 to 80 Amps AC High 30 to 175 Amps AC Low 10 to 150 Amps DC High 20 to 156 Amps DC

Process

(SMAW) Coated Electrode, AC or DC - Diámetro: (1/16" to 1/8")  
TIG (GTAW) AC or DC -high frequency starter.  
Use Torch with cooling valve.

### ARCTRON 285 HF

PN# 3490



Weight: 83 lbs

Dimensions:

H: 17.5"

W: 13.7

L: 24"



INVERTER TECHNOLOGY

Light Duty

Includes: Remote Control RHS-2 for HF starting, welding hose and cables with dinse connector are included. TIG welding torch is sold separately

Feed	Max Output	Current Range
220 Volts. 52 Amps. Dual fase, 60 Hz.	200 Amps. @ 28 Volts. DC 60% Duty Cycle.	20 to 200 Amps. DC
220 Volts. 41Amps. Tri - fase, 60Hz	280 Amps. @ 31 Volts. DC 40% Duty Cycle.	20 to 285 Amps DC

Process

(SMAW) Coated Electrode, DC Diámetro: (1/16" to 1/4")  
TIG (GTAW) Tungsten Electrode, DC Diámetro: 0.40" to 1/8"  
(GTAW-P) DC  
2T, 4T 4T BiNivel Trigger and Crater Fill for TIG only

### MI 2 300 AC DC AF

PN# 3633

Heavy Duty



Weight: 310 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"

Torch and accessories are sold separately

Feed	Max Output	Current Range
220 /440Volts. 84/42 Amps. Single fase, 60 Hz	150 Amps. @30 Volts. AC DC 50% Duty Cycle 200 Amps. @24 Volts. CA TIG (GTAW) 50% Duty Cycle.	Low 50 to 200 Amps AC High 30 to 300 Amps AC Low 50 to 250 Amps DC High 25 to 300 Amps DC
		Process

(SMAW) Coated Electrode, AC or DC - Diámetro: (1/16" to 1/4")  
TIG (GTAW) AC or DC -high frequency starter.  
Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 3/16")

## ALPHA TIG 230 D

PN# 3548



Weight: 343 lbs

Dimensions:

H: 33"

W: 19"

L: 42.7"



Heavy Duty

Includes: Remote Control MFTC14, welding hose and cables with dinse connector and carrying cart.

Feed	Max Output	Current Range
220 Volts. 61.4 Amps. Single fase, 60 Hz	150 Amps. @26 Volts. AC DC 40% Duty Cycle	5 to 230 Amps AC/DC

Process

(SMAW) Coated Electrode, AC or DC - Diámetro: (1/16" to 3/16")  
TIG (GTAW) AC or DC -high frequency starter.  
(GTAW-P) optional Pustig 302

## ALPHA TIG 252 DP

PN# 3381



Weight: 418 lbs

Dimensions:

H: 33"

W: 22"

L: 48.5"



Super Heavy Duty

Includes: High frequency starter for Arc stability and Remote Control MFTC14

Feed	Max Output	Current Range
220/440 Volts. 100/50 Amps. Single fase, 60 Hz	NEMA Class 1 (60) 250 Amps. @30 Volts. AC DC 60% Duty Cycle	5 to 310 Amps AC/DC

Process

(SMAW) Coated Electrode, AC or DC - Diámetro: (1/16" to 1/4")  
TIG (GTAW) AC or DC -High frequency starter for Arc stability  
(GTAW-P) Integrated Pulsating Arc  
Cutting/gouging capabilites (CAC-A) up to 3/16")

## ALPHA TIG 352 DP

PN# 3396



Weight: 343 lbs

Dimensions:

H: 33.5"

W: 22"

L: 48.5"



Heavy Duty

Includes: High frequency starter for Arc stability and Remote Control MFTC14

Feed	Max Output	Current Range
220/440 Volts. 123/63 Amps. Single fase, 60 Hz	NEMA Class 1 (70) 350 Amps. @34 Volts. AC DC 50% Duty Cycle	3 to 400 Amps AC/DC

Process

(SMAW) Coated Electrode, AC or DC - Diámetro: (1/16" to 1/4")  
TIG (GTAW) AC or DC -High frequency starter for Arc stability  
(GTAW-P) Integrated Pulsating Arc  
Cutting/gouging capabilites (CAC-A) up to 1/4")

## Plasma Cutters

### HOT POINT i45

PN# 3175



INVERTER TECHNOLOGY



Light Duty

Weight: 42 lbs

Dimensions:

H: 13"

W: 8.5"

L: 19"

Includes: Plasma handheld torch, 20ft. power cord and ground cable and clamp are Start-up kit consumables.

Feed	Cutting	Gouging Depth
220 Volts. 36 Amps. AC Single fase, 60 Hz	1/2"(12.7 mm) Carbon Steel 3/8"(9.5 mm) Aluminum	3.2 mm (1/8")

Process

Plasma cutter is capable of cutting 12.7 mm (1/2") on carbon/steel sheets and 9.5 mm (3/8") aluminum and cutting up to 19 mm (3/4") on base materials.

# INDUSTRIAL WELDERS

## Plasma Cutters

### HOT POINT i65

PN# 3784



Weight: 55 lbs

Dimensions:

H: 15"

W: 9"

L: 19.6"



INVERTER TECHNOLOGY

Industrial

Includes: Plasma handheld torch, 20ft. power cord and ground cable and clamp are Start-up kit consumables.

Feed	Cutting	Gouging Depth
220 Volts. 36 Amps. AC Tri - fase, 60 Hz	3/4"(19 mm) Carbon Steel 1/2"(12 mm) Aluminum	1/8" (3.2 mm)
Process		

Plasma cutter is capable of cutting 19 mm (3/4") on carbon/steel sheets and 12 mm (1/2") aluminum and cutting up to 25.4mm (1") on base materials.

### HOT POINT 1125

PN# 3582



Weight: 55 lbs

Dimensions:

H: 15"

W: 9"

L: 19.6"



Heavy Duty

Includes: Plasma handheld torch, ground clamp, air compressor and water purging automatic outlet.

Feed	Cutting	Gouging Depth
220/440 Volts. 80/40 Amps. AC 1 Phase 60 Hz	1"(25 mm) Steel and Stainless steel 3/4"(19 mm) Aluminum	1/4"(6mm)
Process		

Equipment capable of Cutting up to 1"(25mm) on carbon steel and 3/4"(19mm) on aluminum with compressed air.

### HOT POINT 1500

PN# 3586



Weight: 374 lbs

Dimensions:

H: 44.5"

W: 22.5"

L: 26"



Super Heavy Duty

Includes: Plasma handheld torch, ground clamp, air compressor and water purging automatic outlet.

Feed	Cutting	Gouging Depth
220 /440Volts. 69/34 Amps. AC Tri - fase, 60 Hz	1-1/4"(32 mm) Steel and Stainless steel 1" (25 mm) Aluminum	1/4"(6.4 mm)
Process		

Equipment capable of Cutting up to 1-1/2"(38mm) on carbon steel and stainless steel 1-1/4"(32 mm) on aluminum with compressed air.

## Gas Generator Welding Equipment

### BRONCO 3700 K

PN# 3511

Auxiliary Output  
4,000  
Peak Watts



Weight: 231 lbs

Dimensions:

H: 28"

W: 28"

L: 33.8"



Medium Duty

Includes: Cart

Max Output	Amperage Welding Range	Power Output
140 Volts. 25 Amps. DC 40% Duty Cycle.	60 to 140 Amps DC	120/220 Volts 31/15.5 Amps Single fase 60 Hz 3700 watts
Process		

(SMAW) Coated Electrode DC Diameter 1/16" to 1/8" (1.6 mm to 3.2 mm)  
Dual Capabilities as welder and a power generator.

## BRONCO 160

PN# 30170



Weight: 231 lbs

Dimensions:

H: 25"

W: 26"

L: 32.5"

Includes: Cart



Auxiliary Output  
6,500  
Peak Watts

Medium Duty

Max Output	Amperage Welding Range	Power Output
160 Volts. 24.4 Amps. DC 40% Duty Cycle.	15 to 160 Amps DC	120/240 Volts AC Single fase 60 Hz 6200 watts

Process

(SMAW) Coated Electrode DC Diameter 1/16" to 5/32"(1.6 mm to 4.0 mm)  
TIG (GTAW) Stainless steel welding wire with "Contact TIG" system and Tungsten Electrode,  
DC Diámetro: 0.40" and 1/16"  
Dual Capabilites as welder and a power generator.

## BRONCO 320 K XD

PN# 3043



Auxiliary Output  
11,500  
Peak Watts

Industrial

Weight: 742 lbs

Dimensions:

H: 44"

W: 27.7"

L: 46"

Max Output 100% Duty Cycle	Max Output	Current Range Voltage	Max Voltage	Power Output Single Fase 60 Hz
300 A @ 25 V CC/AC 300 A @ 25 V CC/ DC	300 A @ 25 V 300 A @ 25 V 300 A @ 25 V	50 - 320 A 50 - 320 A 17 - 28 V	80 V, AC 72 V, DC 41 V, VC	11.5 KVA / Kw Pico 10.5 KVA / Kw Continuo 120/240 V, 60 Hz- Single fase

Process

(SMAW) STICK Coated Electrode, DC Diámetro: (1/16" to 3/16")  
TIG (GTAW) DC DC Contact-Tig Arc Starter  
MIG (GMAW) Diámetro: (0.030" to 0.045")  
MIG (FCAW) Diámetro: (0.030" to 1/16") with S-302T wire Feeder  
MIG Aluminum) Diámetro: ( 0.035" to 1/16" ) with Push/Pull Torch (optiona)  
Cutting/gouging capabilites with carbon based electrodes and air (CAC-A) up to 1/4"

## BRONCO 255 K XD

PN# 3646



Weight: 593 lbs

Dimensions:

H: 43"

W: 27.7"

L: 44"



Auxiliary Output  
11,000  
Peak Watts

Industrial

Max Output 100% Duty Cycle	Max Output	Current Range Voltage	Max Voltage	Power Output Single Fase 60 Hz
250A @ 25 V CC/AC 250 A @ 25 V CC/ DC 250A @ 28 V VC/DC	250 A @ 25 V 250 A @ 25 V 250 A @ 25 V	45 - 250 A 45 - 250 A 17 - 28 V	80 V, AC 72 V, DC 41 V, VC	11,000 KVA / Kw Pico 10 KVA / Kw Continuo 120/240 V, 60 Hz- Single fase

Process

(SMAW) STICK Coated Electrode, DC Diámetro: 1/16" to 3/16")  
TIG (GTAW) DC DC Contact- Tig Arc Starter  
MIG (GMAW) Diámetro: (0.030" to 0.045")  
MIG (FCAW) Diámetro: (0.030" to 1/16") with S-302T wire Feeder  
MIG Aluminum) Diámetro: ( 0.035" to 1/16" ) with Push/Pull Torch (optiona)  
Cutting/gouging capabilites with carbon based electrodes and air (CAC-A) up to 3/16"

## BRONCO 5500K

PN# 3492



Auxiliary Output  
6,500  
Peak Watts

Industrial

Weight: 436 lbs

Dimensions:

H: 28"

W: 19"

L: 37"

Includes: Cart

Max Output	Amperage Welding Range	Power Output
25 V-200A DC 20% Duty Cycle. 25 V-150A . DC 100% Duty Cycle.	45 to 200 Amps DC	120/240 Volts 46/23 Amps Single fase 60 Hz 6500 watts

Process

(SMAW) Coated Electrode DC Diameter 1/16" to 5/32"(1.6 mm to 4.0 mm)  
Dual Capabilites as welder and a power generator.

# INDUSTRIAL WELDERS

## Diesel Engine Driven Welding Equipment

### GEMINIS 500i CC

PN# 30195

Super Heavy Duty



Weight: 1538.8 lbs

Dimensions:

H: 56"

W: 31.5"

L: 66"

Includes: Remote Control RHS-2 for HF starting, welding hose and cables with dinse connector are included. TIG welding torch is sold separately

Max Output 100% Duty Cycle	Amperage Welding Range	Power Output
500 Amp. @ 28 Volts DC (CC).	20 to 500 Amps	20kW 240 Volts tri faze, 60 Hz (Generator)
230 Amp. @ 28 Volts DC and DC (CC)	10 to 230 Amps double side 10 to 300 Amps single side	4.0 kW, 120/240 Volts single faze (Welding)

#### Process

(SMAW) Coated Electrode DC Diameter 1.6mm to 6.4mm (1/16" to 1/4") (Cut-Arc)  
MIG (FCAW) with or without gas 0.8mm to 1.6 mm (0.030" to 1/16") with S512P Feeder.  
TIG (GTAW) DC with high frequency Arc stabilizer  
Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 5/16"  
Dual Capabilities as welder and a power generator



### GEMINIS 600 P CC/CV

PN# 3538

Super Heavy Duty



Weight: 2325 lbs

Dimensions:

H: 74"

W: 34.5"

L: 76.7"

Max Output	Amperage Welding Range	Power Output
550 Amps. @ 30 Volts., DC (CC)		
275 Amps. @ 30 Volts., DC (CC) 40% Duty Cycle	10 to 32 Volts., DC (VC)	4.0 Kw 120/240 Volts., Single Faze, 60 Hz

#### Process

(SMAW) Coated Electrode DC Diameter 1.6mm to 6.4mm (1/16" to 1/4")  
TIG (GTAW) DC with high frequency Arc stabilizer  
MIG (GTAW) Diameter (0.030" to 0.045")  
MIG (FCAW) with or without gas 0.8mm to 2.0 mm (0.030" to 5/64").  
Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 3/16"  
Dual Capabilities as welder and a power generator



## ABACUS 320 KB

PN# 3553

Weight: 901 lbs

Dimensions:

H: 52.5"

W: 19.5"

L: 50.7"

Super Heavy Duty



Auxiliary 4k output available

Max Output 100% Duty Cycle	Amperage Welding Range	Power Output
300 Amps. @ 25 Volts., CC/AC	50 to 320 Amps. AC	11,500 Peak watts
300 Amps. @ 25 Volts., CC/DC	50 to 320 Amps. AC	10,500 watts
300 Amps. @ 25 Volts., DC/VC	17 - 28 Volts. DC	

### Process

(SMAW) Coated Electrode DC Diameter 1.6 to 6.4 mm (1/16" to 1/4").

TIG (GTAW) DC with high frequency Arc stabilizer (optional)

MIG (GTAW) DC with wire feeder S302 (optional)

Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 3/16"



## Insignia 504 P CC Electric Control

PN# 3549

Stock 304-562

Process DC - TIG Electrode

Super Heavy Duty



Auxiliary 4k output available

Auxiliary 4k output available on all models

Max Output 100% Duty Cycle	Amperage Welding Range	Motor
400 Amps. @ 36 Volts., 100% D.uty Cycle	45 to 500 Amps.	4 CIL., 32.6 HP., Perkins 1800 RPM

## Insignia 504 P CC/CV Electric Control

PN# 3550

Stock 304-563

Process DC - TIG/MIG Electrode

Super Heavy Duty



Auxiliary 4k output available



Max Output 100% Duty Cycle	Amperage Welding Range	Motor
500 Amps. @ 30 Volts., 60% CD/CC	20 to 550 Amps.	4 CIL., 32.6 H.P., Perkins
400 Amps. @ 36 Volts., 100% CD/VC	14 - 40 Volts.	1800 RPM

### Process

(SMAW) Coated Electrode DC Diameter: 1.6mm to 6.4 mm (1/6" to 1/4") (CUT-WELD).

(GMAW) electrode or welding wire Diameter 0.6mm to 1.2 mm (0.023 to 0.045")

(GMAW) Stainless steel Diameter: 0.8mm to 1.2 mm (0.030" to 0.045")

(FCAW) with speed feeder Diameter: 0.8mm to 1.6 mm (0.030" to 1/16").

(FCAW) with voltage sensitive feeder Diameter: 0.8 to 1.6 mm (0.030" to 1/16").

(MIG) aluminum Diameter: 0.8mm to 1.6 mm (0.030" to 1/16").

TIG (GTAW) DC, with high frequency Arc stabilizer (optional)

Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 5/16"

# INDUSTRIAL WELDERS

## Wire Feeder Welding Equipment

### Wire Feeder S 302 MT

PN# 3005



Weight: 35 lbs

Dimensions:  
H: 15.2"  
W: 11"  
L: 24"



Power Input

24 Volts. @ 3.5 Amps.  
AC Single Fase,  
50/60 Hz.

WireThickness

0.6mm to 2.0 mm  
(0.023" to 5/64")

Speed

1.9 to 23 m x min.  
(75 to 900 Inches. x min.)

Compatible

-DELTAMIG 355, OPUS 560 and 2K 355

### Wire Feeder S 302 T

PN# 3085



Weight: 35 lbs

Dimensions:  
H: 15.2"  
W: 11"  
L: 25.2"



Power Input

24 Volts. @ 3.5 Amps.  
AC Single Fase,  
50/60 Hz.

WireThickness

0.6mm to 2.0 mm  
(0.023" to 5/64")

Speed

1.9 to 23 m x min.  
(75 to 900 Inches. x min.)

Compatible

-CP 303, DELTAMIG 355, BRONCO 255 KXD and 320 KXD (gas), ABACUS 320 KB and INSIGNIA.

### Wire Feeder S 512 P

PN# 3542



Weight: 35 lbs

Dimensions:  
H: 17"  
W: 8.5"  
L: 21.5"



Power Input

14 - 48 VDC  
100 Max. OCV

WireThickness

0.6 mm to 2.0 mm  
(0.023" to 5/64")

Speed

1.52 to 21.6 m x min.  
(60 to 850 Inches. x min.)

Compatible

MI-3 400, MI-3 500, MI-3 600, SRH-444 and INSIGNIAS type CC

### Cooling System EFA 255

PN# 3802



Includes: Hoses and adaptors



Power Input

127 Volts, 5.8 Amp.,  
11600 Btu/hr  
Single fase  
and 60 Hz

Connections

Connections of 16 mm left  
rope (5/8" LH) with grape  
seat, (picha) at the water  
inlet and outlet

Applications

Water chiller system, developed for  
the cooling of the TIG (GTAW) torch,  
with a capacity of 5 liters

### Wire Feeder S 604 MT

PN# 3010



Dimensions:  
H: 15.2"  
W: 11"  
L: 25.2"



Power Input

24 Volts. @ 4 Amps.  
AC Single Fase,  
50/60 Hz.

WireThickness

0.6mm to 3.2 mm  
(0.023" to 1/8")

Speed

1.9 to 23 m x min.  
(75 to 900 Inches. x min.)

Compatible

CP 303, DELTAMIG 355, 455 & 655, BRONCO 255 KXD, 320 KXD (gas) & INSIGNIA MULTIArc 452 & 652

### Wire Feeder S 604 MT

PN# 30095



Dimensions:  
H: 15.2"  
W: 11"  
L: 25.2"



Power Input

24 Volts. @ 10Amps.  
AC Single Fase,  
50/60 Hz.

WireThickness

0.6mm to 3.2 mm  
(0.023" to 1/8")

Speed

1.3 to 19.8 m x min.  
(50 to 780 Inches. x min.)

Compatible

CP 303, DELTAMIG 355, 455 & 655, OPUS 560 and 2K 355, MULTIArc 452 and 652

### Wire Feeder S 512 P CV

PN# 30148



Dimensions:  
H: 17"  
W: 8.5"  
L: 21.5"



Power Input

24 Volts @ 3.5 Amps AC  
Single fase 50/60 Hz

WireThickness

0.6 mm to 2.0 mm  
(0.023" to 5/64")

Speed

1.9 to 23 m x min.  
(75 to 900 Inches. x min.)

Compatible

DELTAMIG 355, OPUS

### Carrying Cart for Welding Equipment

PN# 3817



## Accessories

### Remote Control RFC-14

PN# 3353



Weight: 10.5 lbs

Dimensions:  
H: 7.6"  
W: 6.2"  
L: 10.8"



#### Description

Remote foot control, to regulate current and start the arc in TIG process machines (ALPHATIG, MULTIARC and OPUS). Includes power cord and terminal plug

### HFU UNIT 252

PN#3801



Weight: 15 kg  
Dimensions:  
H: 12"  
W 12"  
L: 15"



#### Power Input

127/220 Volts. 1.1/0.6 A.

#### Description

Apparent power: 0.144 kVA.  
Maximum capacity: 300 A AC/DC@100% duty cycle.  
Complete with: Post-flow control (timer). Power cord with three-pin plug. Connection cables. Start or continuous AF switch. Gas valve. Water valve (optional).

## Electrode Holders

### 250 Amps.

PN# 8330  
5-PE-250



### 300 Amps.

PN# 8320  
5-PE-300



### 500 Amps.

PN# .8325  
5-PE-500



#### Description

The best electrical conductivity. Insulators molded with thermo setting plastics resistant to flame and rough treatment. New larger handle with thicker walls. Successfully tested under extreme working conditions with amperage higher than recommended. For continuous use with high electrode diameters and current intensity, heavy steelwork, structures, pipes, etc.

### 250 Amps.

PN# 81100  
5M250A  
Mundial Brand



### 300 Amps.

PN# 81101  
5M250A  
Mundial Brand



#### Description

High content copper alloy for excellent electrical conductivity  
Manufactured with fiber glass body for extreme working conditions with amperage higher than recommended. 60% Duty Cycle.

## Ground Clips

### 300 Amps.

PN# 8305  
5-PT- 300



### 500 Amps.

PN# 8315  
5-PT- 500

#### Description

Designed in cast copper-zinc for high conductivity on large, flat contact surfaces. Pressure jaws to always maintain good contact. For continuous heavy duty, for cables 1/0 and 2/0 and 300 and 500 amps. respectively.

## Ground Clamps

### 250 Amps.

PN# .8280  
5-T-250



### 300 Amps.

PN# 8285  
5-T- 300

#### Description

Design allows pressure jaws to always maintain good contact. Weatherproof tested to work extreme conditios. Available for 250, 300 and 500 Amps

### 500 Amps.

PN# 8290  
5-T- 500

### 250 Amps.

PN# 8864  
5-T-250-E



### 300 Amps.

PN# 8865  
5-T- 300-E

#### Description

500 Amps new design allows pressure jaws to always maintain good contact. Weatherproof tested to work extreme conditios. Also available for 250 and 300 Amps.

### 500 Amps.

PN# 8866  
5-T- 500-E

# INDUSTRIAL WELDERS

## Welding Cable Connector

### 300 Amps.

PN# 8295  
5-ZAP-300



### 500 Amps.

PN# 8300  
5-ZAP-500

#### Description

Manufactured in copper-zinc casting with a functional design so that it fits perfectly to the terminals of welding machines. Practical and easy to connect to the ends of the cables for electrode holders or ground clamps, available in 300 and 500 amps, for cables up to 1/0 and 2/0. To be used both in ground clamps or in welding machine terminals.

## Cable Connector

### 1/0 – 2/0

PN# 8599  
5-ZAP-300



#### Description

Manufactured in copper with wide opening for easy to connect to the ends of the cables Use with the 9/16" terminal.

## Welding Terminals

### 2 Piece Kit

PN# 30112  
Compatible with MM, MI, CP, MULTIARC, BRONCO and SRH



### 3 Piece Kit

Cód. 30120\*  
Compatible with TH, MI 80, MI 130 and MI 225 L



## Replacement parts for PT-80 Welding Equipment Hot Point i45

PN#	Model	PN#	Model
3775*	Plasma Torch PT-80 6M	3779*	DIFUSOR PT-80
3776	Nozzle PT-80	3780	ELECTRODO PT-80
3777	Nozzle PT-80	3781	TOBERA PT-80 CONTACTO, 1 mm
3778*	Torch Handle PT-80	3782*	TOBERA PT-80, 40-50A, 1 mm

1600157 - Replacement bundle for Hot Point i45

## Replacement parts for PT-100 Welding Equipment Hot Point i65

PN#	Model	PN#	Model
3825*	Plasma Torch PT-100 6M	3822*	Electrode
3819*	TOBERA. Diam. 1.0 40-50 A	3823*	Cooling Tube System
3820*	Nozzle 30-70 A	3818*	Difuser Ring 30-70 A
3821*	Drag Spliter		

1600159 - Replacement bundle for Hot Point i65

## Accessories

PN#	Description
1600164	Socket 35-50 for Arctron 160 and 200 Machines
1600165	Socket speed connector 35-50 for INFRA Machines
1600166	Micro wire feeding spool Diametres 0.035" and 0.045"

## Replacement parts Trilogy 200i Torch

PN# 1600158 - Dual Package for Trilogy 200i 0.035" and 0.045"



# GRGM CORPORATION

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