



INDUSTRIAL WELDING MACHINES

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INDUSTRIAL WELDING MACHINES

SMAW

TH 250
PN# 3033

Light Duty

1 PHASE AC CC

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
110 Volts. 60 Amps. Single phase, 60 Hz.	100 Amps. @ 22 Volts. AC, 30% Duty Cycle.	30 to 100 Amps. AC
220 Volts. 64 Amps. Single phase, 60Hz	225 Amps. @ 27 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.

TH 235 / 160
PN# 3676

Medium Duty

1 PHASE AC DC CC

Weight: 112 lbs

Dimensions:
H: 19"
W: 12.5"
L: 13.7"



Feed	Max Output	Current Range
110 Volts. 57 Amps. Single phase, 60 Hz.	100 Amps. @ 22 Volts. AC/DC, 30% Duty Cycle.	35 to 100 Amps. AC
220 Volts. 58 Amps. Single phase, 60Hz	225 Amps. @ 27 Volts. AC, 150 Amps @ 24 Volts CD 20% Duty Cycle	Low 30 to 190 Amps. AC High 35 to 225 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).

TH 320 AC/DC
PN#. 3034

Medium Duty

1 PHASE AC DC CC

Weight: 139 lbs

Dimensions:
H: 19"
W: 12.5"
L: 13.7"

Includes: Power cord, welding cables with electrode holder



Feed	Max Output	Current Range
110 Volts. 59 Amps. Single phase, 60 Hz.	100 Amps. @ 22 Volts. AC/DC, 30% Duty Cycle.	35 to 100 Amps. AC 30 to 75 Amps. DC
220 Volts. 80 Amps. Single phase, 60Hz	270 Amps. @ 28.8 Volts. AC, 185 Amps @ 25 Volts CD 20% Duty Cycle	Low 30 to 270 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

Medium Duty

1 PHASE AC DC CC

Weight: 299 lbs

Dimensions:
H: 21"
W: 19"
L: 27.7"



Feed	Max Output	Current Range
220 Volts. 84 Amps. Single phase, 60 Hz.	250 Amps. @ 30 Volts. AC/DC, 30% Duty Cycle.	Low 25 to 150 Amps. AC High 50 to 275 Amps. 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.

MI 2-350 AC/DC

PN# 3632

Industrial



Weight: 304 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"



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 265 L DC

PN# 3630

Industrial



Weight: 304 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"



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 2-300 DC

PN# 3661

Industrial



Weight: 286 lbs

Dimensions:

H: 21"

W: 19"

L: 27.7"



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 85 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 3-400 M

PN# 3638

Heavy Duty Industrial



Weight: 299 lbs

Dimensions:

H: 30"

W: 19"

L: 28"



Feed	Max Output	Current Range
220/440 Volts. 58/29Amps. Single fase, 60 Hz	300 Amps. @ 32 Volts. DC 60% Duty Cycle.	50 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.



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SMAW

MI 3-500 M
PN# 3639

Heavy Duty Industrial

3 PHASE DC CC

Weight: 430 lbs

Dimensions:
H: 29.5"
W: 22"
L: 35"

Feed	Max Output	Current Range
220/440 Volts. 80/40 Amps. Tri- phase, 60 Hz	400 Amps. @ 36 Volts. DC 60% Duty Cycle.	60 to 520 Amps. DC
Process		
(SMAW) Flux Coated Electrode DC Diameter: 3/32" (2.3 mm) to 1/4" (6.0 mm). TIG (GTAW) Welding wire DC.		

MI 3-600 M
PN# 3644

Heavy Duty Industrial

3 Phases CD CC

Weight: 451 lbs

Dimensions:
H: 29.5"
W: 22"
L: 35"

Feed	Max Output	Current Range
220/440 Volts. 110/55 Amps. Tri- phase, 60 Hz	500 Amps. @ 40 Volts. DC 60% Duty Cycle.	80 to 600 Amps. DC
Process		
(SMAW) Flux Coated Electrode DC Diameter: 3/32" (2.3 mm) to 1/4" (6.0 mm). TIG (GTAW) Welding wire DC.		

SRH 444 Golden ARC
PN# 3654

Heavy Duty Industrial

3 PHASE DC CC

Weight: 299 lbs

Dimensions:
H: 21"
W: 19"
L: 27.7"

Feed	Max Output	Current Range
220/440 Volts. 92/46 Amps. Tri- phase, 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.		

Inverter Stick Welders

ARCTRON 130
PN#1300075

Light Duty

1 PHASE CC DC

Weight: 6 lbs

Dimensions:
H: 7"
W: 4.3"
L: 12"

INVERTER TECHNOLOGY

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

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

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. 33.6 Amps. Single fase, 60 Hz.	120 Amps. @ 22.8 Volts. 40% Duty Cycle.	15 to 120 Amps.
220 Volts. 38.5 Amps. Single fase, 60 Hz.	160 Amps. @ 24.4 Volts. 40% Duty Cycle.	15 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



Weight: 15.4 lbs

Dimensions:

H: 11.6"
W: 6"
L: 16"



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. 43 Amps. Single fase, 60 Hz.	130 Amps. @ 23 Volts. 40% Duty Cycle.	30 to 130 Amps.
220 Volts. 48 Amps. Single fase, 60Hz	200 Amps. @ 26 Volts. 40% Duty Cycle.	30 to 200 Amps.

Process

(SMAW) Flux Coated Electrode Diameter: 1.6 mm (1/16") to 4 mm (5/32").
TIG (GTAW) DC. Tungsten electrodes Diameter: .040" and 1/16"

ARCTRON 250 L DC

PN# 30189



Weight: 30 lbs

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. 63 Amps. 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

MIG Welders

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")



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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



Industrial

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"



Industrial

Feed	Max Output	Current Range
220/440 Volts. 52/26 Amps. Single phase, 60 Hz	250 Amps. @27 Volts. DC 60% Duty Cycle.	12 to 30 Volts DC 30 to 250 Amps. DC
Process		
(GMAW) Welding wire Diámetro: 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 Diámetro: 0.8 mm (0.030") Aluminum wire Diámetro: 0.9 mm (0.035")		

Feed	Max Output	Current Range
220/440 Volts. 55/22.5 Amps. Single phase, 60 Hz	250 Amps. @27 Volts. DC 60% Duty Cycle.	30 to 300 Amps. DC
Process		
MIG (GMAW) Welding wire Diámetro: 0.6 to 1.2 mm (0.023" to 0.045") (FCAW) Fluxed welding wire with or without gas Diámetro: 0.9 up to 1.2 mm (0.035" to 0.045") MIG (GMAW) Aluminum wire Diámetro: 0.9 mm (0.035" to 0.047")		

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.



Industrial

CP 303

PN# 3008



Weight: 273 lbs

Dimensions:

H: 32"
W: 22"
L: 48.5"

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



Heavy Duty Industrial

Feed	Max Output	Current Range
220/440 Volts. 60/30 Amps. Single phase, 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 Diámetro: 0.6 to 1.2 mm (0.023" to 0.045") (FCAW) Fluxed welding wire with or without gas Diámetro: 0.9 to 1.2 mm (0.035" to 0.045") MIG (GMAW) Aluminum wire Diámetro: 0.9 mm to 1.2 mm (0.035" to 3/64")		

Feed	Max Output	Current Range
220/440 Volts. 36/18Amps. Tri- phase, 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

Heavy Duty Industrial



Weight: 297 lbs

Dimensions:

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



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 Diámetro: 0.6 to 1.2 mm (0.023" to 0.045")
(FCAW) Fluxed welding wire with or without gas Diámetro: 0.9 up to 1.2 mm (0.035" to 0.045")
MIG (GMAW) Aluminum wire Diámetro: 0.9 mm (0.035")

DELTAMIG 355

PN# 3002

Heavy Duty Industrial



Weight: 469.5 lbs

Dimensions:

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



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 455

PN# 3003

Heavy Duty Industrial



Weight: 502 lbs

Dimensions:

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



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 655

PN# 3004

Heavy Duty Industrial



Weight: 546 lbs

Dimensions:

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



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 WELDING MACHINES

Multi-Process Welders

MULTIARC 452 Heavy Duty Industrial
 PN# 3603

Weight: 524 lbs

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



Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220 Volts. 88 Amps. Tri - fase, 60 Hz.	450 Amps. @ 38 Volts. 100% Duty Cycle.	20 to 515 Amps. DC (CC)
440 Volts. 44 Amps. Tri - fase, 60Hz	450 Amps. @ 36Volts. 100% Duty Cycle.	10 to 38 Volts DC (VC)

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")

MULTIARC 652 Heavy Duty Industrial
 PN# 3608

Weight: 524 lbs

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



Wire feeder, Welding Gun and welding cables sold separately.

Feed	Max Output	Current Range
220 Volts. 118 Amps. Tri - fase, 60 Hz.	650 Amps. @ 44 Volts DC. 100% Duty Cycle.	15 to 660 Amps. DC (CC)
440 Volts. 59 Amps. Tri - fase, 60Hz	650 Amps. @ 44 Volts. DC 100% Duty Cycle.	10 to 44 Volts DC (VC)

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")

TRILOGIA 200 i Heavy Duty
 PN# 30143

Weight: 33 lbs

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



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")

FORTIS 400 Industrial
 PN# 30194*

Weight: 120.2 lbs

Dimensions:
 H: 17.9"
 W: 14.5"
 L: 25.9"



Feed	Max Output	Current Range
220 Volts. 47.4 Amps. Tri - fase, 60 Hz.	400 Amps. @ 36 Volts DC. 100% Duty Cycle.	10 a 37 Volts. DC (VC)
440 Volts. 23.7 Amps. Tri - fase, 60 Hz.	450 Amps. @ 38 Volts. DC 60% Duty Cycle.	5 a 500 Amps. DC (CC)

Process

(SMAW) Coated Electrode DC Diameter 1/16" to 1/4".
 TIG (GTAW) CONTACT-TIG
 MIG (GMAW) Welding Wire (0.035" to 1/16")
 MIG (FCAW) with or without gas (0.035" to 3/23")
 Cutting/gouging capabilities with carbon based electrodes and air (AAC) (3/8")

FORTIS 450

PN# 1300140



Weight: 143.3 lbs

Dimensions:

H: 25"

W: 17.3

L: 27"



Industrial

Feed	Max Output	Current Range
220 Volts. 47.4 Amps. Tri - fase, 60 Hz.	400 Amps. @ 36 Volts DC. 100% Duty Cycle.	10 a 37 Volts. DC (VC) 5 a 500 Amps. DC (CC)
440 Volts. 23.7 Amps. Tri - fase, 60 Hz.	450 Amps. @ 38 Volts. DC 60% Duty Cycle.	

Process

(SMAW) Coated Electrode DC Diameter 1/16" to 1/4".
TIG (GTAW) CONTACT-TIG
MIG (GMAW) Welding Wire (0.035" to 1/16")
MIG (FCAW) with or without gas (0.035" to 3/23")
Cutting/gouging capabilities with carbon based electrodes and air (AAC) (3/8")

FORTIS 600

PN# 1300168*



Weight: 120.15 lbs

Dimensions:

H: 18"

W: 14.5"

L: 26"



Industrial

Feed	Max Output	Current Range
220 Volts. 53 Amps. Tri - fase, 60 Hz.	450 Amps. @ 38 Volts DC. 100% Duty Cycle.	10 a 38 Volts. DC (VC) 5 a 600 Amps. DC (CC)
440 Volts. 28 Amps. Tri - fase, 60 Hz.	525 Amps. @ 41 Volts. DC 60% Duty Cycle.	

Process

(SMAW) Coated Electrode DC Diameter 1/16" to 1/4".
TIG (GTAW) CONTACT-TIG
MIG (GMAW) Welding Wire (0.035" to 1/16")
MIG (FCAW) with or without gas (0.035" to 3/23")
Cutting/gouging capabilities with carbon based electrodes and air (AAC) (3/8")

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

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. 41 Amps. 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



INDUSTRIAL WELDING MACHINES

TIG Welders

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. @ 26 Volts. AC DC 50% Duty Cycle 200 Amps. @ 24 Volts. CA TIG (GTAW) 40% Duty Cycle.	Low 30 to 150 Amps AC High 90 to 300 Amps AC Low 25 to 150 Amps DC High 85 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 252 DP
PN# 3381

Super Heavy Duty



Weight: 418 lbs

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

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 capabilities (CAC-A) up to 3/16"		

ALPHA TIG 352 DP
PN# 3396

Heavy Duty



Weight: 343 lbs

Dimensions:
H: 33.5"
W: 22"
L: 48.5"

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 capabilities (CAC-A) up to 1/4"		

Plasma Cutters

HOT POINT i45
PN# 3175

Light Duty

INVERTER TECHNOLOGY



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.		

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 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.

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.

Gas Generator Welding Equipment

BRONCO 3700 K

PN# 3511



Weight: 231 lbs

Dimensions:

H: 28"

W: 28"

L: 33.8"



Auxiliary Output
4,000
Peak Watts

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.



INDUSTRIAL WELDING MACHINES

Gas Generator Welding Equipment

SINTESIS 160

PN# 30170

Auxiliary Output
6,500
Peak Watts

Medium Duty



Weight: 231 lbs

Dimensions:
H: 25"
W: 26"
L: 32.5"

Includes: Cart

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 Capabilities as welder and a power generator.

BRONCO 5500 K

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-200 A DC 20% Duty Cycle. 25 V-150 A . DC 100% Duty Cycle.	45 to 200 Amps DC	120/240 Volts 46/23 Amps Single fase 60 Hz 5500 watts

Process

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

BRONCO 255 K XD

PN# 3646

Auxiliary Output
11,000
Peak Watts

Industrial



Weight: 593 lbs

Dimensions:
H: 43"
W: 27.7"
L: 44"

Max Output 100% Duty Cycle	Max Output	Current Range Voltage	Max Voltage	Power Output Single Fase 60 Hz
250A @ 25 V CC/AC 250A @ 25 V CC/DC 250A @ 28 V VC/DC	250 A @ 21 V 250 A @ 21 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 (opciona)
Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 3/16"

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 (opciona)
Cutting/gouging capabilities with carbon based electrodes and air (CAC-A) up to 1/4"

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 fase, 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 fase (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 JD CC/CV

PN# 3538

Super Heavy Duty



Weight: 2325 lbs

Dimensions:

H: 74"

W: 34.5"

L: 76.7"

Max Output 100% Duty Cycle	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 Fase, 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





INDUSTRIAL WELDING MACHINES

Diesel Engine Driven Welding Equipment

ABACUS 320 KB

PN# 3553

Weight: 901 lbs

Dimensions:

H: 52.5"

W: 19.5"

L: 50.7"

Super Heavy Duty



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"



Auxiliary 4k ouput available on all models

Insignia 504 CC Electric Control

PN# 3549

Stock 304-562

Process DC - TIG Electrode

Super Heavy Duty



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

Insignia 504 CC/CV Electric Control

PN# 3550

Stock 304-563

Process DC - TIG/MIG Electrode

Super Heavy Duty



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

Process

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



Wire Feeder Welding Equipment

Wire Feeder S 302 MT

PN# 3005



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

Weight: 35 lbs



Power Input	WireThickness	Speed
24 Volts. @ 3.5 Amps. AC Single Fase, 60 Hz.	0.6mm to 2.0 mm (0.023" to 5/64")	1.9 to 23 m x min. (75 to 900 Inches. x min.)
Compatible		
DELTAMIG 355		

Wire Feeder S 604 MT

PN# 3010



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

Weight: 43 lbs



Power Input	WireThickness	Speed
24 Volts. @ 10 Amps. AC Single Fase, 60 Hz.	0.6mm to 3.2 mm (0.023" to 1/8")	1.9 to 23m x min. (75 to 900 Inches. x min.)
Compatible		
CP 303, DELTAMIG 355, 455 y 655, BRONCO 255 K XD, 320 K XD (gas), INSIGNIA, MULTIARC 452 y 652		

Wire Feeder S 302 T

PN# 3085



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

Weight: 35 lbs



Power Input	WireThickness	Speed
24 Volts. @ 3.5 Amps. AC Single Fase, 60 Hz.	0.6mm to 2.0 mm (0.023" to 5/64")	1.9 to 23 m x min. (75 to 900 Inches. x min.)
Compatible		
CP 303, DELTAMIG 355, BRONCO 255 K XD y 320 K XD (gas), ABACUS 320 KB y INSIGNIA		

Wire Feeder S 604 MT

P3N 3095



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

Weight: 43 lbs



Power Input	WireThickness	Speed
24 Volts. @ 10Amps. AC Single Fase, 60 Hz.	0.6mm to 3.2 mm (0.023" to 1/8")	1.9 to 25.4 m x min. (75 to 1000 Inches. x min.)
Compatible		
CP 303, DELTAMIG 355, 455 y 655, MULTIARC 452 y 652		

Wire Feeder S 512 P

PN# 3542



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

Weight: 35 lbs



Power Input	WireThickness	Speed
14 - 48 VDC 100 Max. OCV	0.6mm to 2.0 mm (0.023" to 5/64")	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 e INSIGNIAS tipo CC		

Wire Feeder S 512 P CV

PN# 30148



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

Weight: 35 lbs



Power Input	WireThickness	Speed
24 Volts @ 3.5 Amps AC Single fase 60 Hz	0.6 mm to 2.0 mm (0.023" to 5/64")	1.9 to 23 m x min. (75 to 900 Inches. x min.)
Compatible		
- DELTAMIG 355		

Cooling System EFA 255

PN# 3802



Dimensions:
H: 13"
W: 10.5"
L: 21.7"

Includes: Hoses and adaptors



Power Input	Connections	Applications
120 Volts, 3 Amp., 11600 Btu/hr Single fase and 60 Hz	Connections of 16 mm left rope (5/8" LH) with grape seat, (picha) at the water inlet and outlet	Water chiller system, developed for the cooling of the TIG (GTAW) torch, with a capacity of 5 liters

Carrying Cart for Welding Equipment

PN# 3817

Weight: 65 lbs

Dimensions:
H: 32"
W: 21"
L: 54.2"



Use	Includes
For towing welding machines and feeders	Assembly instructions, parts list and warranty policy User Assembled tires and dashboards



INDUSTRIAL WELDING MACHINES

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).

Compatible

MI 2 350 AC/DC, MI 3 400 / 500 / 600, SRH 444, BRONCO & INSIGNIA

Electrode Holders

250 Amps.

PN# 81100
5M250A

Mundial Brand



300 Amps.

PN# 81101
5M250A

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.

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.

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.

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

500 Amps.

PN# 8290 5-T-500



Description

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

Welding Terminals

2 Piece Kit

PN# 30112

Compatible with MM, MI, CP, MULTIARC, BRONCO and SRH



3 Piece Kit

PN# 30120

Compatible with TH



Cable Connector

1/0 - 2/0

PN# 8599 5-ZAP-500



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

Accessories

PN#	Description	
1600164*	Socket 35-50 for Arctron 160 and 200 Machines	

PN# 1600157 - Replacement bundle for Hot Point i45

PN#	Description	
1600165*	Socket speed connector 35-50 for INFRA Machines	

PN# 1600159 - Replacement bundle for Hot Point i65

PN#	Description	
1600166*	Micro wire feeding spool Diametres 0.035" and 0.045"	

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