

Power I-MIG 205



PROCESS: GMAW/SMAW/FCAW
INPUT: 220-240V 1 Phase, 50/60Hz 34A
MIG OUTPUT: 40-200A; 16-24V
WIRE FEED SPEED: Up to 600 IPM

STICK OUTPUT: 30-200 A, 21.2-26.4 V
DUTY CYCLE MIG: 35% @ 200 A, 60% @ 155A, 100% @ 120A
DUTY CYCLE STICK: 35% @ 160A, 60% @130A, 100% @ 100A
INVERTER TYPE: IGBT construction

DIMENSIONS: 12.5"Wx20"Lx13.5H
WEIGHT: 40 lbs., unit only
PROTECTION CLASS: IP21S
INSULATION GRADE: F

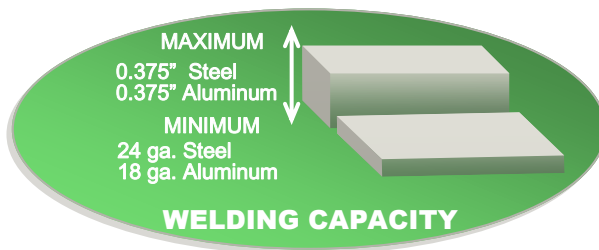


SUITABLE FOR:

- ⇒ Industrial
- ⇒ Fabrication
- ⇒ Farm
- ⇒ Automotive
- ⇒ Maintenance

The Everlast Power I-MIG 205 is ruggedly suited to the work environment. The low profile and lightweight IGBT inverter design makes the Power I-MIG a standout in its class. With 200 amps of welding power at a true 35% duty cycle, the Power I-MIG 205 stands at the top of its class. No other MIG welder that carries a full size 40 lb roll can come close to its level of performance and features. Each I-MIG 205 comes standard with CC/CV capability with stick function to increase the utility of the welder.

Consistent welds are due in part to the heavy duty cast aluminum and steel construction of the wire feeder. Right down to the Binzel® gun, you won't find any lightweight components on the wire feed system. Spatter-free weldments, are typical of the I-MIG 205. You won't spend much time on post weld clean up, even with pure CO₂. Arc force/inductance control is a standard feature on the I-MIG series. It allows you to adjust the arc cone as you alter the pinch point of the wire. This contributes to the smooth welding characteristics of the I-MIG 205, and gives you improved out of position welding results.



Features that work for you:

MIG with CV/CC function

Few MIG welders this size offer this important feature that doubles versatility by making this a multi-process unit. Stick and scratch start TIG can be performed with a simple flip of the switch and a quick torch change.

Spool gun ready

Always be ready to weld anything, even aluminum with the addition of the optional SM200N spool gun. With professional quality performance, the 200 amp gun rivals any name brand spool gun on the market.

Power conserving IGBT inverter platform

Inverters have revolutionized the welding industry, by reducing size and weight, while improving operating efficiency. The light-weight design offers the ultimate in portability and allows the welder to be used with clean power generators. Soft switching IGBT components improve inverter reliability and performance.

Quick attachment of MIG gun

The Euro style quick-connect coupling allows the Power I-MIG to adapt to almost any brand gun on the market to suit any user's need. No need to worry though, because Everlast equips all Power I-MIG welders with ergonomic genuine Binzel guns that are so comfortable and durable you may never want to use another brand.

Arc Force Control

You can easily adjust inductance to match any type welding performance desired, whether crisp penetrating arc or a soft arc with a fluid puddle.

Larger roll capacity

By offering a larger spool capacity than the competition, up to 12" (44 lbs.), the I-MIG increases welding time without changing rolls. Small, 2 lb. rolls of steel wire are easily used without the need of special adapters.

Heavy duty wire feed system

Featuring cast aluminum and hardened steel construction, the drive system for the Power I-MIG is tough as they come. Compare the system to competitor's plastic components and you'll see the difference.

GMAW/SMAW

Power I-MIG 205

Included Accessories*



12 ft. Genuine Binzel®
MB15AK MIG gun

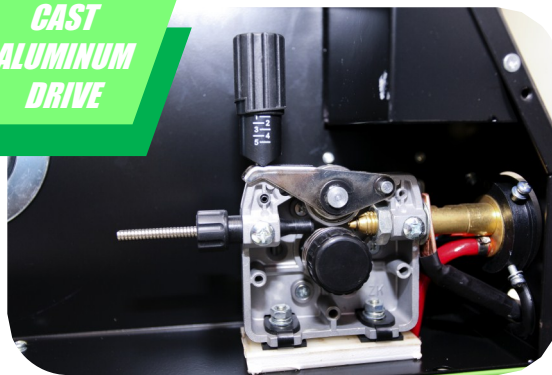


300 Amp Work Clamp
Cable Assembly



Regulator for Argon/
CO2 mixes

CAST
ALUMINUM
DRIVE



Up Close:

Digital meters for volts and wire speed allow the user to precisely adjust the welder to any required parameter with accuracy and repeatability.

Stepless adjustment offers precise control of voltage and wire speed without clumsy, factory-fixed presets, that impede selecting the best settings for the job.

Thermal overload protection warns when the duty cycle has been exceeded and interrupts welding until the welder has safely cooled.

CC/CV function improves versatility, allowing you to choose between MIG or Stick whenever MIG may not be the best choice or impractical due to excessive wind or draft conditions. Also, the I-MIG can be equipped with a gas valve torch for DC TIG scratch start welding.

Adjustable arc force, unique in this welder class, changes the inductance of the machine through modifying the wave form (slope) of the welder.

Spool gun ready, the Power I-MIG 205 can economically weld aluminum, Stainless Steel, or other metals with the optional SM200N spool gun from Everlast.

Automatic Post Flow allows up to 2 seconds of additional gas flow time to increase quality by shielding the weld puddle until it cools.



MIG AND STICK
FUNCTION

The Power I-MIG 205 features excellent arc stability and control, increasing wire transfer efficiency and reducing operation costs. Due to low spatter welds, its recommended for 100% CO2 operation as well. It offers the ultimate in portability without sacrificing the functions and capability of a much larger profile machine.

MIG Specifications:

OCV	60-70V
Volts	15.5-24 V
Amps	20-200 A
GAS	
Post Gas Flow (Auto)	2 Seconds
Wire Feed	
Cast Aluminum	600 IPM
2 roll gear driven	.030-.045"
Wire Size	
	30-44 lbs. (12") roll
	.030-.045" dia.

Optional Equipment:**

Auto-Dark Helmet

- Strong Man
- Fabricator
- Defender



MIG Torch

- MB15 AK
- 25 ft.



Spool Gun

- Heavy Duty
- 135-200 Amp
- Euro Connector
- 25 ft



Flux Core Drive Roll

- .030-.040"



GMAW

*Actual appearance of accessories may vary.

** Optional Equipment subject to change.

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