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Industry Cross Comparison:
Thunder 255 MTS
Cyclone 253DPi
Cyclone 263Pi

Leading the Market in Pulse MIG Technology.

As Pulse MIG Technology develops, there is no end in sight to the refinements and upgrades to technology that are happening in the industry. Everlast's new Cyclone line of compact Pulse MIG welders are designed to meet the demands of the industry as ithe new technology branches out into new applications. Whether it is heavy industrial production welding, Marine, or Auto-Body Applications, Everlast has a unit designed to fit the demand. With the new Synergic Pulse MIG and PowerSet modes, the lineup has had a complete makeover that features easy-to-use programming and intuitive controls. For those looking for a welder capable of meeting new demanding challenges and requirements of welding Aluminum in the auto and collision repair industry, take a close look at the new Cyclone 253DPi, which has been designed to meet the requirements of most manufacturers. It also has great application and uses in the Marine and Fabrication industries with both Single and Double Pulse Capability. The Multi-Process Thunder 255 is a DC MIG, TIG, and Stick unit which can handle almost any Fabrication or Repair task that is thrown its way. The HF TIG start is unique to this type unit and makes it a standout in the industry, with lift start competitors. Combined with wave form control in DC Pulse TIG, the Thunder stands at the top of Multi-Process units. For those just wanting to have a solid Pulse-MIG welder that has plenty of functionality and can handle any metal thrown its way, it is a great choice. It also has excellent stick welding capabilities for times when MIG is not a great option. Of course, all new Cyclone Pulse-Migs can weld with gas-shielded flux-cored wires as well and has special selections for non-pulse MIG operations as well.

Brand	Everlast	Everlast	Everlast	Miller	Miller	Lincoln	Lincoln	HTP	HTP
Model Name	Thunder® 255	Cyclone® 253DPi	Cyclone® 263Pi	Multimatic® 255	Multimatic® 255	PowerMIG® 262MP	PowerMIG® 262P	ProPulse™ 220MTS	ProPulse™ 300MTS
Sku or Model #	TH-255-240	CLN-253DPi-240	CLN-263Pi-240	907128		K5376-1	K5378-1	601627-24 (Base Steel Package)	PP300-Steel (Base Steel Package)
									
Retail Price*	$1999.00	$2999.00	$2099.00	$4705.00	$4129.00	$4489.99	$4299.99	$2803.00	$6769.57
Input Voltage/Phase	240V 1 Phase (+/- 10%) 50/60Hz	240V 1 and 3 Phase (+/- 10%) 50/60Hz	240V 1 Phase (+/- 10%) 50/60Hz	208-575V 1 Phase 50/60Hz	208-240V 1 Phase 50/60Hz	208-575V 1 Phase 60Hz	208-575V 1 Phase 60Hz	230V (+/- 15%) 1 Phase 50/60 Hz	230V 1 Phase 50/60 Hz 230-500V 3 Phase 50/60 Hz
Inrush Amperage (I_1 Max)	48A	240V 1 Phase: 46A 240V 3 Phase: 23A	48A	208V 1 Phase: 65.1A 240V 1 Phase: 54.8A 460V 1 Phase: 29.89A 575V 1 Phase: 24.4A	208V 1 Phase: 86.9A 240V 1 Phase: 74.6A	208V 1 Phase: 76.6A 230V 1 Phase: 68.8A 460V 1 Phase: 34.5A 575V 1 Phase: 27.5A	208V 1 Phase: 76.6A 230V 1 Phase: 68.8A 460V 1 Phase: 34.5A 575V 1 Phase: 27.5A	240V 1 Phase 40A	230V 1 Phase: 52.9A 230V 3 Phase: 32.5A 400V 3 Phase: 18A 460V 3 Phase: 15.6V 500V 3 Phase: 14.8V
Avg. Rated Amperage (I_1 Eff)	38A	240V 1 Phase: 36A 240V 3 Phase: 18A	38A	208V 1 Phase: 27.4A 240V 1 Phase: 24.1A 460V 1 Phase: 13.7A 575V 1 Phase: 11.5A	208V 1 Phase: 34.1A 240V 1 Phase: 30.8A	208V 1 Phase: 49.1A 230V 1 Phase: 44 A 460V 1 Phase: 22.1A 575V 1 Phase: 17.6A	208V 1 Phase: 49.1A 230V 1 Phase: 44 A 460V 1 Phase: 22.1A 575V 1 Phase: 17.6A	240V 1 Phase 20A	230V 1 Phase: 31.3A 230V 3 Phase: 19.2A 400V 3 Phase: 10.6A 460V 3 Phase: 9.2V 500V 3 Phase: 8.8V
OCV	80V	75V	80V	81V	87V	90V	90V	76V	79V
Programmable (Save Programs)	✓ Save, Name and Lock Up to 30 Manual and PowerSet Programs	✓ Save, Name, and Lock Up to 30 Manual and PowerSet Programs	✓ Save, Name and Lock up to 30 Manual and PowerSet Programs	✓ Save and Lock/Limit 4 Manual Programs Each Process	✓ Save and Lock/Limit 4 Manual Programs Each Process	✓	✓	✓ Save up to 30 Programs, 12 Programs can be Locked	✓ Save up to 30 Programs, 12 Programs can be Locked
Dimensions (With Accessories/Handles Installed)	20.1" H X 11.9" W X 28" L	20.1" H X 11.9" W X 28" L	20.1" H X 11.9" W X 28" L	19.24" H X 13.75" W X 24.25" L	19.24" H X 13.75" W X 24.25" L	37.5" H x 18" W x 37.5" L	37.5" H x 18" W x 37.5" L	14.5" H x 10" W x 19.75" L	17.25" H x 12" W x 26.75" L
Weight (Bare Unit)	92 Lbs.	89 Lbs.	91 Lbs.	84 Lbs.	84 Lbs.	250 Lbs.	250 Lbs.	42 Lbs.	95 Lbs.
Plug/ Power Supply Cable Included	✓ NEMA 6-50P and Cable	✓ Cable Only (Due to 1 and 3 Phase)	✓ NEMA 6-50P and Cable	✓ Cable Only(Due to Multiple Voltages)	✓ NEMA 6-50P	✓ NEMA 6-50P and Cable Provided for use with 240V only. Other voltages user provided.	✓ NEMA 6-50P and Cable Provided for use with 240V only. Other voltages user provided.	✓ NEMA 6-50P	✓ Cable Only Due to Multiple Phases and Voltages
MIG (GMAW)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Single Pulse MIG (GMAW-P)	✓	✓	✓	✓	✓	✓	✓	✓ (Steel Pulse is Limited to .030" wire)	✓
Double Pulse MIG** (GMAW-P)	X	✓	X	X	X	X	X	✓	✓
Gas-Shielded Flux-Cored (FCAW-G)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gasless Flux-Cored (FCAW-NS)	✓	✓	✓	✓	✓	✓	✓	✓	✓
DC TIG (GTAW)	✓	✓	✓	✓	X	✓	✓	✓	✓
DC Pulse TIG (GTAW-P)	✓	X	X	✓	X	✓	✓	X	✓
AC TIG (GTAW)	X	X	X	X	X	X	X	X	X
AC Pulse TIG (GTAW-P)	X	X	X	X	X	X	X	X	X
DC Stick (SMAW)	✓	✓	✓	✓	X	✓	✓	✓	✓
AC Stick (SMAW)	X	X	X	X	X	X	X	X	X
Professional/Auto/Synergic Function	✓ Synergic Pulse plus Level 2 PowerSet with Adv. Color- Coded Graphics on all processes including Syn. Pulse	✓ Synergic Pulse plus Level 2 PowerSet with Adv. Color- Coded Graphics on all processes including Syn. Pulse	✓ Synergic Pulse plus Level 2 PowerSet with Adv. Color- Coded Graphics on all process including Syn. Pulse	✓ Synergic Pulse and Auto-Set™ Elite	✓ Synergic Pulse and Auto-Set™ Elite	✓ Ready.Set.Weld.™ and ArcFX®	✓ Ready.Set.Weld.™ and ArcFX®	✓	✓
Digital Screen	✓ 5.1" HD TFT	✓ 5.1" HD TFT	✓ 5.1" HD TFT	✓ 7"	✓ 7"	✓ 7"	✓ 7"	✓ Comparable Measurement Not Specified	✓ Comparable Measurement Not Specied
Gas Inlets	2 (Separate MIG and TIG Inlets)	1 (MIG Only)	1 (MIG Only)	2 (Separate MIG and TIG Inlets)	1 (MIG Only)	2 (Separate MIG and TIG Inlets)	2 (Separate MIG and TIG Inlets)	1 (MIG and TIG Share Connection)	2 (Separate MIG and TIG Inlets)
Selectable Units of Measure (Imperial vs. Metric)	✓	✓	✓	X	X	✓	✓	✓	✓
Minimum Generator Size Recommended	12,000W Surge Rating	11,500W Surge Rating	12,000W Surge Rating	12,000W Surge Rating	12,000W Surge Rating	Do Not Use W/Gen (Per Mfgr.)	Do Not Use (Per Mfgr.)	10,000W Continuous Rating	12,000W Continuous Rating
Cooler Compatible (Receptacle Installed)	✓	✓	✓	X	X	✓	✓	X	✓
Fan Cooling	Continuous, Progressive Speed	Continuous, Progressive Speed	Continuous, Progressive Speed	On Demand	On Demand	On Arc/Over Temp Cooling	On Arc/Over Temp Cooling	On Demand	On Demand
Ingress Protection Rating (IP)	21s	21s	21s	21	21	21s	21s	23s	23
Warranty	5 Years Parts and Labor	5 Years Parts and Labor	5 Years Parts and Labor	3 Years Parts and Labor	3 Years Parts and Labor	3 Years Parts and Labor	3 Years Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor
MIG Related Specifications and Functions									
Spool Gun Ready (Aluminum)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Push-Pull Ready (Aluminum)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Standard Gun Aluminum Feed with Liner/Drive Roll Change	✓	✓	✓	X	X	✓	✓	✓	✓
Standard Included MIG Gun Series/Type/Amp Rating	10 Ft. 36 Series Air-Cooled 320A	10 Ft. 24 Series Air-Cooled 250A	10 Ft. 36 Series Air-Cooled 320A	15 Ft. MDX™ 250 Air-Cooled 250A	15 Ft. MDX™ 250 Air-Cooled 250A	15 Ft. Magnum® ProL Air-Cooled 250A	15 Ft. Magnum® ProL Air-Cooled 250A	10 Ft. 24 Series Air-Cooled 250A	10 Ft. 36 Series Air-Cooled 320A
MIG Rated Duty Cycle	60% @ 275A	60% @ 250	60% @ 275A	60% @ 230A	60% @ 230A	60% @ 230A	60% @ 230A	25% @ 200A	60% @ 250A
MIG Rated Output Range (Minimum Possible Pulse)	(10)30-275A/15.5-27.8V	(10)30-250A/15.5-26.4V	(10)30-275A/15.5-27.8V	20-350A/12-32V	20-350A/12-32V	30-300A	30-300A	12-200A (220A for 10 Seconds)	15-300A
Maximum Wire Feed Speed	600IPM	600IPM	600IPM	800IPM	800IPM	700IPM	700IPM	630 IPM	787 IPM
MIG Drive Roller Type	4 Roller, All Metal	4 Roller, All Metal	4 Roller, All Metal	2 Roller, All-Metal	2 Roller, All-Metal	2 Roller, All-Metal	2 Roller, All-Metal	2 Roller, Plastic and Metal	4 Roller, Plastic and Metal
Installed Drive Roller Size	.035"-.045"	.035"-.045"	.035"-045"	.035"-045"	.035"-045"	.035"-.045"	.035"-.045"	.035"-.045"	.035"-.045"
Wire Feeder Location/Type	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Spool Size	12" and 8"	12" and 8"	12" and 8"	4", 8" and 12"	4", 8" and 12"	8" and 12"	8" and 12"	8" and 12"	Internal
MIG Pre Flow/Post Flow Timer	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable
MIG Start WFS/ Hot Start (Intensity)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	X	X	✓ WFS Adjustable	✓ WFS Adjustable	✓ WFS Tied to Run-in (Steel) Hot start only Available For Aluminum	✓ WFS Tied to Run-in (Steel) Hot start only Available For Aluminum
MIG End WFS/ Crater Fill (Intensity)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	✓ Both, Adjustable (Specifically Depends Upon Mode as to WFS or HIS)	✓ WFS Adjustable	✓ WFS Adjustable	✓ WFS Adjustable	✓ WFS Adjustable	X	✓ Adjustable Base Current Setting %
MIG Up Slope Timer	✓ Adjustable	✓ Adjustable	✓ Adjustable	X	X	✓ Adjustable	✓ Adjustable	✓ Adjustable (Depicted as Start Time)	✓ Adjustable (Depicted as Start Time)
MIG Down Slope Timer	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	X	X
Hot Start Duration	✓ Adjustable	✓ Adjustable	✓ Adjustable	X	X	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable
End (Crater Fill Slope or Crater Fill Duration (Timer)	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable
Pulse MIG Pinch/Droplet Size Control (For Pulse)	X	✓ Adjustable	X	X	X	X	X	X	X
Pulse Arc Length Trim	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable
MIG Spot and Stitch Timer	✓ Spot and Stitch	✓ Spot and Stitch	✓ Spot and Stitch	✓ Spot and Stitch	✓ Spot and Stitch	✓ Spot	✓ Spot	✓ Spot and Stitch	✓ Spot and Stitch
MIG Inductance	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable	✓ Adjustable (Short Circuit Pinch Control)	✓ Adjustable (Short Circuit Pinch Control)	✓ Adjustable (Burn-back Pinch Control)	✓ Adjustable (Burn-back Pinch Control)
MIG Gas Purge	✓	✓	✓	✓	✓	X	X	X	X
MIG Run-In Function	✓	✓	✓	✓	✓	✓	✓	✓	✓
MIG Wire Jog Function (Fast Feed of Wire, No Gas Flow)	✓	✓	✓	✓	✓	X	X	X	X
MIG Remote Functions	2T/4T/2TSP/4TSP	2T/4T/2TSP/4TSP	2T/4T/2T/4TSP	2T (Allows use of some limited control functions found in the more extensive 2TSP mode.)	2T (Allows use of some limited control functions found in the more extensive 2TSP mode.)	2T/4T	2T/4T	2T/4T (4T available in Aluminum Mode)	2T/4T (4T available in Aluminum Mode)
MIG Burn Back Control Timer	✓	✓	✓	✓	✓	X	X	✓	✓
TIG Related Specifications and Functions									
Standard TIG Torch Series/Type/ Amp Rating	**Included** 12.5 Ft. 26 Series Straight-Neck Air-Cooled 200A **(Optional Air-Cooled and Water-Cooled Torches Available)**	**Optional** Straight-Neck 17V Series TIG Rig Purchase 17V Air-Cooled Gas Valve Torch	**Optional** Straight-Neck 17V Series TIG Rig Purchase 17V Air-Cooled Gas1 Valve Torch	**Optional** 17 Series TIG Torch	X	**Optional** 17 or 26 Series TIG Torch	X	**Optional** 17 Series Air-Cooled TIG Torch (Special Euro Connector Torch Required to Connect TIG torch to MIG Gun Location)	**Optional** 17 or 26 Series Air-Cooled TIG Torch 20 Series Water-Cooled TIG Torch
TIG Duty Cycle	60% @ 250A	60% @ 250A	60% @ 250A	60% @ 275A	X	60% @ 275A	X	25% @ 200A	60% @ 250A
TIG Rated Amp Output Range	10-250A	10-250A	10-250A	5-275A	X	5-300A	X	4-200A	4-300A
TIG Start Type	HV (Electronic HF), Live Lift, Remote Lift	Live Lift Only (TIG RIG Opt.)	Live Lift Only (TIG Rig Opt.)	Remote Lift (TIG Torch Opt.)	X	Live and Remote Lift (Torch/Pedal/Switch Opt.)	X	Remote Lift (TIG Torch Opt.)	Remote Lift (TIG Torch Opt.)
TIG Foot Pedal and/or Remote Capable	✓ Included in Package, Easily Connected on Front Lower Panel	X	X	X Optional, Connected Under MIG Spool Cover	X	X Optional, not in Standard Package	X	X Optional, not in Standard Package	X Optional, not in Standard Package
Remote Modes	✓ 2T/4T/2Twith Amp Control/ 4T with Amp Control/Pedal	X	X	✓ Remote/Panel Control	X	✓ 2T/4T/Pedal	X	X Remote Only	X Remote Only
TIG Gas Flow Control Type	Built-In Solenoid	Manual Gas Flow Control on TIG RIG Style Torch	Manual Gas Flow Control on TIG RIG Style Torch	Built-In Solenoid	X	Built-In Solenoid	X	Built-In Solenoid (Connection Shared with MIG)	Built In Solenoid
TIG Pre Flow/Post Flow Timer	✓ Adjustable Pre and Post Flow	X Manually Controlled Flow on Torch	X Manually Controlled Flow on Torch	✓ Adjustable Post Flow Only	X	✓ Adjustable Post Flow Only	X	✓ Adjustable Pre and Post Flow	✓ Adjustable Pre and Post Flow
TIG Up/Down Slope Timer	✓ Adjustable	X	X	X	X	X	X	✓ Down Slope Only	✓ Down Slope Only
TIG Pulse Frequency	✓ Adjustable, 0-500Hz	X	X	✓ Adjustable, .1-150 Hz	X	✓ Adjustable, .5-300 Hz	X	X	✓ Adjustable, .4-1000 Hz
TIG Pulse Time-On (Duty Cycle)	✓ Adjustable, 5-95%	X	X	X	X	X	X	X	✓
TIG Pulse Amperage Adjustment	✓ Adjustable 10-90%	X	X	X	X	✓ Adjustable, 15-85%	X	X	✓
TIG Pulse Wave Forms (DC)	Square, Sine, Triangle	X	X	X	X	X	X	X	X
Stick Related Specifications and Functions									
Stick Duty Cycle	60% @ 220A	60% @ 200A	60% @ 220A	60% @ 200A	X	60% @ 200A	X	25% @ 200A	60% W 250A
Stick Rated Amp Output Range	10-220A	10-200A	10-220A	30-275A	X	?-260A	X	15-200A	4-300A
Electrode Holder Included	✓	✓	✓	X	X	X	X	X	X
Stick Hot Start Intensity	✓	✓	✓	✓	X	✓	X	✓	✓
Stick Hot Start Time	✓	✓	✓	X	X	X	X	X	X
Stick Arc Force Control (DIG)	✓	✓	✓	✓	X	✓	X	✓	✓
Stick VRD (Voltage Reduction for Safety)	✓	✓	✓	X	X	X	X	✓	✓
Stick Anti-Stick (Stuck Rod Release)	✓	✓	✓	X	X	X	X	✓	✓
E6010/ Cellulose Capable	✓	✓	✓	✓	X	✓	X	X	X
Stick Pulse	X	X	X	X	X	X	X	✓	✓

NOTICE: All information has been collected from supplied brochures, manuals, videos and other forms of documents available from the manufacturer of each product being compared While every effort has been made to ensure accuracy, some errors may exist in documentation as a result due to rapid changes in the industry and inaccuracies in cited media. Some information may be revised by each manufacturer after the time of publication of this document. This document should only be used for the purposes of basic initial comparisons. The customer should do further independent research on each model of interest before making final purchase decisions. All prices are based on manufacturer's retail price as of 7-15-2025.

Due to rapid changes and fluctuations in the industry, all specifications, prices and models may change without notice.

*Prices are based on listed retail prices of manufacturer on publication date. Actual individual/volume purchase price may vary.