



“If you’re not making sparks... You’re not making Money!”

Catalog #114

Welcome to Just Arc, a small operation with big goals. With 20 years of welding industry experience Just Arc specializes in filling the needs that, the “big guy’s” can’t be bothered with. Over time in welding you may have acquired mismatched equipment or developed machine preferences that have lead to difficulty with seamless operations. Just Arc offers economical solutions to maximizing production from the machines you have.

With the untimely passing of Mr. Paul Ouellette Just Arc has teamed up with LORPAL to keep Mr. Ouellette’s dream of convenience and his championing of the “small guy” alive by offering a variety of adapters, pigtails and extensions. Just Arc offers time monitoring devices to ensure resources are directed to where they need to be, in production. At Just Arc we know time is everything, that’s why most orders taken will be assembled and shipped usually within 1-3 days via UPS, or USPS, depending on your preference.

Just Arc has recently launched a new Website WWW.JUSTARC.COM. We will be posting new products, catalogs, ideas, and more details on the site. Here is a brief description of some of the products Just Arc has to offer.

- 1. Arc Timers:** These devices record actual arc time or arc time and arc starts. Available with LCD and LED displays with built in and remote sensors. The LCD models have a replaceable seven-year internal battery that offers years of trouble free operation.
- 2. Pigtail Adapters:** These adapters are usually short (Approx. 10-12 inches long). Most adapt a MK Products Cobra Cabinet or a WC-1 box for the Prince XL Spool-gun to a different manufactures make or model of power supply. These Adapters are especially handy when the wire feeder might be moved from one make of power supply to another.
- 3. Cable Extensions:** These extensions are used to mount the wire feeder some distance away from the welding power supply. Most OEM's make 25 foot as a standard length, but Just Arc will make any length desired with any type of connection including those to go from late model wire feeder to an older welder or the other way around. Most of these will require a call for a cost estimate.
- 4. Conversion Kits:** These kits are indispensable to adapt one make of wire feeder to a different make of welder when their operating voltages do not match.
- 5. Wire Feed Speed Meters:** Currently Just Arc is offering a plug and play WFSM for the MK Product's 115VAC and Lincoln Electric's 42 VAC Cobramatic cabinet. In the coming months we will be releasing a Wire Feed Speed / Voltage meter for the same feeder as well as for the older MK Products 3A cabinet. Other models will follow to allow you to install a WFSM and WFSVM to your favorite wire feeders.
- 6. Future products:** Visit our web site to see what new Just Arc products are out on the horizon to help make you more productive. Please do not hesitate to contact us if you cannot find what you are looking for in the industry. We will be able to make it for you or, even to find a way to market for your own invention!

Thank you for perusing this material and visiting our Website. We look forward to your business.

Over fifteen years of performing service calls in all types of welding environments rarely did I come across a shop where all of the equipment matched. To survive, most worked with what they had and I spent years modifying and adapting dissimilar makes of power supplies and feeders to work together smoothly. This kept productivity up and eliminate down time.

The following is just a sample of all the possible feeder and machine combinations. In addition to these Just Arc also can fabricate remote voltage and current control cables that can be installed on most any power supply and feeder combination. If you do not see what you need contact me at dea@justarc.com

Pow Con - Kempi feeders		
Pow Con	JAE-P14x Feet	Has the 14 pin (115VAC) Amp connectors at both ends of a 5-conductor cable, male at one end female at the other.
	JAE-P14(24V)x Feet	Has the 14 pin (24VAC) Amp connectors at both ends of a 4-conductor cable, male at one end female at the other.
	JAE-P17(30V)x feet	Has the 17-pin (30VAC) Amphenol connector on each end of a 5-conductor cable.
Miller	JAC-P14-M14	Converts 115VAC Pow Con feeders to Miller/ Thermal Arc 14-pin Amphenol.
	JAC-P14(24)-M14	Converts 24 VAC Pow Con feeders to Miller 14-pin Amphenol
	JAC-P17-M14	Converts 115VAC Pow Con feeder with 17-pin Amphenol connector to Miller/ Thermal Arc 14-pin Amphenol.
Hobart & T/A	JAC-P14-H19	Converts 115VAC Pow Con feeders to Thermal Arc / Hobart 19-pin Amphenol.
	JAC-P17-H19	Converts 115VAC Pow Con feeder with 17-pin Amphenol connector to Thermal Arc/ Hobart 19-pin Amphenol.
Lincoln	JAC-P14-L14	Converts 115VAC Pow Con feeders to Lincoln 14-pin Amphenol.
	JAC-P17-L14	Converts 115VAC Pow Con feeder with 17-pin Amphenol connector to Lincoln 14-pin Amphenol.
ESAB	JAC-P14-E19	Converts 115VAC Pow Con feeders with 17-pin Amphenol connector to ESAB 19-pin Amphenol.
	JAC-P17-E19	Converts 115VAC Pow Con feeders 17-pin Amphenol connector to ESAB 19-pin Amphenol.

MK Feeders, Spool Guns and Torches.		
MK	JAE-MK7Wx feet	Has 7-pin (W-Clocked) Amphenol connectors at both ends of a 7-conductor cable, male at one end, female at the other.
	JAE-MK7Sx feet	Has 7-pin (S-Clocked) Amphenol connectors at both ends of a 7-conductor cable, male at one end, female at the other.
	JAP-MK7W10x1	This will adapt a MK Cobra, Python or Prince XL torch with a 7-pin (W- clocked) Amphenol to the old style Brute feeder that had the 10-pin (S-clocked) Amphenol connector. One foot in length.
	JAP-MK7W-7Sx1	This will adapt a MK Cobra, Python or Prince XL torch with a 7-pin (W-clocked) Amphenol to the older style plastic door cabinets that had a 7-pin (S-clocked) Amphenol connector. One foot in length.
Lincoln	JAP-MKC-3MS	Used to connect a MK feeder to Lincoln SP-250,SP-225 and WM-250 with spade connectors.
	JAP-MK-L14	Used to hook-up a MK feeder to the Lincoln welders that have a 14-pin (X-clocked) Amphenol connector.
	JAP-MK-U1	Used to connect a MK feeder (contactor only) to the Lincoln Wire-matic series and the Power-MIG 255.
	JAP-MK-LSP200	Used to connect a MK feeder (contactor only) to the Lincoln SP-150 and SP-200 welders.
	JAP-MK-LTS	Used to connect MK feeder to older Lincoln welders with terminal strip.
	JAP-MK-L6	Used to connect MK feeder to Lincoln CC welders that have the 6-pin Amphenol connector.
	JAP-MK-L5	Used to connect MK feeder to Lincoln CC welders that have the 5-pin Amphenol connector.
	JAE-L14-MKTSx Feet	Has Lincoln 14-Pin connector on a 5- conductor cable with forked tongue terminals at the other end. (Set up to fit a MK Cobra Cabinet)
	JAC-MKSG-LSP200	Used to connect the MK Prince XL Spool Gun to the Lincoln SP-200 using the Lincoln WFS to control the Prince.
Thermal Arc	JAE-H19-MKTSxFeet	Has Hobart- Thermal Arc 19 Pin connector on a 5- conductor cable with forked tongue terminals at the other end. (Set up to fit a MK Cobra Cabinet)
	JAP-MK-H19	Used to hook-up MK feeder to either the Hobart or Thermal Arc welders that have a 19-pin Amphenol connector.
	JAP-MK-HSC	Used to connect MK feeder to the Hobart Beta-Mig welders that have spade connectors on the trigger circuit.
	JAP-MK-H5	Used to connect MK feeder to the older Hobart welders with a 5-pin Amphenol connector.

MK Feeders, Spool Guns and Torches, Continued.

Miller	JAE-M14-MKTSxFeet	Has Miller 14- Pin connector on a 5- conductor cable with forked tongue terminals at the other end. (Set up to fit a MK Cobra Cabinet)
	JAC-MKSG-M185	Used to connect the MK Prince XL Spool Gun to the Millermatic 185 Welder using the MM-185 WFS for the Prince.
	JAP-MK-MTL	Used to connect MK feeder to older Miller welders with Hubbel twist-lock connectors.
	JAP- MK-U1	Used to connect MK feeder (Contactor only) to the Millermatic 35,200,250,250X and 300 welders.
	JAP-MK-M14	Used to connect MK feeder to Miller welders that have a 14-pin (S-clocked) Connector.
	JAC-MK-M250CP	Used to connect MK feeder (contactor only) to Millermatic 250, Miller Vintage, Hobart Beta-MIG2510 and Ironman 250.
ESAB	JAE-E19-MKTSxFeet	Has ESAB 19-Pin connector on a 5- conductor cable with forked tongue terminals at the other end. (Set up to fit a MK Cobra Cabinet)
	JAP-MK-LMM-250	Used to connect MK feeder to the L-TEC/ESAB MigMaster 250 or 251 welder.
	JAP-MK-LMM-300i	Used to connect MK feeder to the ESAB MigMaster 300i welder.
	JAP-MK-E19	Used to hook-up MK feeder to ESAB welders that have a 19-pin Amphenol connector.
	JAP-MK-E7	Used to hook-up MK feeder to the older Linde welders with the 7-pin Plastic Amp connector.
	JAP-MK-E6	Used to hook-up MK feeder to the very old Linde welders with the 6-pin Triploc connector.
Pow Con	JAE-P14-MKTSxFeet	Has Pow Con 14-Pin connector on a 5- conductor cable with forked tongue terminals at the other end. (Set up to fit a MK Cobra Cabinet)
	JAC-48-25	Used to connect the MK 7-pin (W-clocked) torches to Fronius welders.

Hobart and Thermal Arc Feeders		
Hobart	JAE-HT-19x Feet	Has Hobart- Thermal Arc 19 Pin connector on a 5- conductor cable, male plug at one end and a female receptacle at the other.
	JAP-HT19-H5S	Used to connect older Hobart feeder (115 VAC) with 5-pin Amphenol to new welders with 19-pin Amphenol.
Lincoln	JAC-HT19-L14	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to Lincoln welder with 14-pin (X-clocked) Amphenol connector.
	JAC-HT19-LTS	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to Lincoln welder with a terminal strip.
Miller	JAC-HT19-M14	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to Miller welder with 14-pin (S-clocked) Amphenol connector.
	JAC-HT19-MHTL	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to older Miller welders with Hubbel twist-lock connectors.
Pow Con	JAC-HT19-P14	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to Pow Con welder with 14-pin Amp connector.
ESAB L-TEC	JAC-HT19-E19	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to ESAB welder with 19-pin Amphenol connector.
	JAC-HT19-E7	Converts Hobart- Thermal feeders (115 VAC) w/19-pin Amphenol to L-TEC welder with 7-pin Amp connector.

ESAB- L-TEC- Linde Feeders

ESAB	<u>JAE-E19x Feet</u>	Has ESAB 19-pin connectors on a 5-conductor cable, male plug at one end, female receptacle at the other.
	<u>JAE-E8x Feet</u>	Has ESAB 8-pin Amphenol connector with 7-conductor cable for the ESAB Spool Gun.
Lincoln	<u>JAC-E19-L14</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to Lincoln welder with 14-pin (X-clocked) Amphenol connector.
	<u>JAC-E19(42)-L14</u>	Converts ESAB feeder (42VAC) with 19-pin Amphenol to Lincoln welder with 14-pin (X-clocked) Amphenol connector.
	<u>JAC-E19-LTS</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to Lincoln welder with terminal strip
	<u>JAC-E7-L14</u>	Converts L-TEC feeder (115 VAC) with 7-pin Amp to Lincoln welder with 14-pin (X-clocked) Amphenol connector.
	<u>JAC-E7-LTS</u>	Converts L-TEC feeder (115 VAC) with 7-pin Amp to Lincoln welder with terminal strip.
Miller	<u>JAC-E19-M14</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to Miller welder with 14-pin (115 VAC)(S-clocked) Amphenol connector.
	<u>JAC-E19-MHTL</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to older Miller welder (115 VAC) with Hubbel Twist-lock connectors.
	<u>JAC-E7-M14</u>	Converts L-TEC feeder (115 VAC) with 7-pin Amp to Miller welder with 14-pin (S-clocked) Amphenol connector.
Pow Con	<u>JAC-E19-P14</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to Pow Con welder with 14-pin (115 VAC) Amp connector.
	<u>JAC-E19-P17</u>	Converts ESAB feeder (115 VAC) with 19-pin Amphenol to Pow Con welder with 17-pin (115 VAC) Amphenol connector.

Lincoln Feeders		
Lincoln	JAE-LN7-L14x Feet	Has the LN-7 (115 VAC) 6-pin female plug at one end and a 14-pin (X-clocked) at the other end of a 5- conductor cable.
	JAE-LN742-L14x Feet	Has the LN-7 (42 VAC) 6-pin female plug at one end and a 14-pin (X-clocked) at the other end of a 5- conductor cable.
	JAE-LN9-L14x Feet	Has the LN-8, LN-9, NA-3, NA-4, NA-5 or NA-5R 9-pin female plug at one end and a 14-pin (X-clocked) at the other end of a 9- conductor cable.
	JAE-LN10-L14x Feet	Has the LN-10 /DA-10 (42VAC) 9-pin female plug at one end and a 14-pin (X-clocked) at the other end of a 9- conductor cable.
	JAE-LN9x Feet	Has the LN-8, LN-9, NA-3, NA-4, NA-5 or NA-5R 9-pin Amphenol plug at both ends of a 9-conductor cable, male on one end, female on the other.
	JAE-L14 x Feet	Has the Lincoln 14-pin Amphenol on both ends of a 5-conductor cable, male one end, female at the other.
	JAE-LN7 x Feet	Has the LN-7 6-pin Amphenol at both ends of a 5- conductor cable, male at one end, female at the other.
	JAP-L14-LTS	Used to connect a Lincoln feeder (115VAC) with a 14-pin (X-clocked) Amphenol to Lincoln welders with a terminal strip
Miller	JAC-LN7-M14x Feet	Has the LN-7 (115 VAC) 6-pin female plug at one end and a 14-pin (115 VAC) Miller plug on the other end of a 5- conductor cable.
	JAC-LN9-M14x Feet	Has the LN-8, LN-9, NA-3, NA-4, NA-5 or NA-5R 9-pin female plug at one end and a 14-pin Miller plug at the other end of a 9- conductor cable.
	JAC-L14-M14	Converts Lincoln feeders (115VAC) with 14-pin (X-clocked) Amphenol to Miller (115VAC) welders with 14-pin (S-clock) connector.
	JAC-L14-MHTL	Converts Lincoln feeders (115VAC) with 14-pin (X-clocked) Amphenol to Miller welders with Hubbel Twist-lock connectors.
ESAB	JAC-L14-E19	Converts Lincoln feeders (115VAC) with 14-pin (X-clocked) Amphenol to ESAB (115VAC) welders with 19-pin Amphenol connector.
	JAC-L14(42)-E19	Converts Lincoln feeders (42VAC) with 14-pin (X-clocked) Amphenol to ESAB (42VAC) welders with 19-pin Amphenol connector.
Hobart Thermal	JAC-L14-HT19	Converts Lincoln feeders with 14-pin (X-clocked) Amphenol to Hobart-Thermal Arc welders with 19-pin Amphenol connector.

Miller Feeders		
Miller	JAE-M14 x feet	Has Miller (115VAC) 14-pin Amphenol at both ends of a 5-conductor cable, male at one end and female at the other.
	JAE-M14(24) x Feet	Has Miller (24VAC) 14-pin Amphenol at both ends of a 5-conductor cable, male at one end and female at the other.
	JAE-M10SGx Feet	Has Miller 10-pin spool gun Amphenol connector on each end.
	JAE-M14-MHTL	Has Miller (115VAC) 14-pin Amphenol at end of a 3-conductor and a 2-conductor cable with Hubbel twist-lock connectors at the other end.
	JAP-MHTL-M14	Used to connect feeders with 14-pin Amphenol connector to older Miller welders with Hubbel twist-lock connectors.
	JAC-M14(24)-MHTL	Converts newer Miller 24VAC feeders to the older Miller (115VAC) welders with Hubbel twist-lock connectors.
Lincoln	JAC-M14(24)-L14	Converts Miller (24VAC) feeders to Lincoln (115VAC) welders with a 14-pin (X-clocked) Amphenol connector
	JAC-M14-L14	Converts Miller (115VAC) feeders to Lincoln (115VAC) welders with a 14-pin (X-clocked) Amphenol connector
	JAC-M14(24)-LTS	Converts Miller 24VAC feeders to the older Lincoln 115VAC welders with a terminal strip
	JAC-M14-LTS	Converts Miller 115VAC feeders to the older Lincoln 115VAC welders with a terminal strip
Hobart & Thermal	JAC-M14(24)-E19	Converts Miller 24VAC feeders to the ESAB 115VAC welders with a 19-pin Amphenol connector.
	JAC-M14(24)-HT19	Converts newer Miller 24VAC feeders to the Hobart-Thermal Arc welders with a 19-pin Amphenol connector
	JAC-M14-E19	Converts newer Miller (115VAC) feeders to the ESAB 115VAC welders with a 19-pin Amphenol connector
	JAC-M14-HT19	Converts newer Miller (115VAC) feeders to the Hobart-Thermal Arc welders with a 19-pin Amphenol connector.
Pow Con	JAC-M14-P14	Converts Miller (115VAC) feeder to Pow Com (115VAC) 14 - pin Amp connector.
	JAC-M14(24)-P14	Converts Miller (24VAC) feeder to Pow Com (24VAC) 14 - pin Amp connector.
	JAC-M14-P17	Converts Miller (115VAC) feeder to Pow Com (115VAC) 14 - pin Amp connector.
	JAC-M14(24)-P17	Converts Miller (24VAC) feeder to Pow Com (24VAC) 17 - pin Amphenol connector.

Just Arc offers a selection of Arc Timers and Arc Timer/ Event counters to meet your needs.

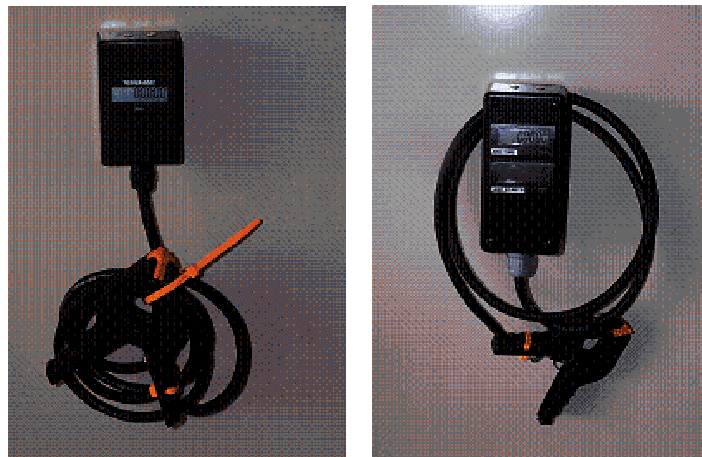
Economical, Small, light weight, housed in tough ABS boxes and powered by internal Lithium batteries, you can expect more than seven years of service from these devices. Simple to use and easy to install these timers and timer/event counters give you the edge on controlling production costs.



JAT-ATCO and JAT-ATV Arc-Timers

The Just Arc **JAT-ATCO** and **JAT-ATV** both activate at sixty-five Amps AC and thirty-five Amps DC. The **JAT-ATCO** collects accumulated time and arc starts, while the **JAT-ATV** simply tracks arc time. The **JAT-ATV** timer offers a discrete reset that eliminates accidental lost of data. Both record hours, minutes and seconds for accurate record keeping.

Operation and installation are simple. Route one of the welding cables through the hole provided and strike and arc. Can be used on all welding applications to include Plasma and TIG (Pulsed AC TIG is not recommended).



JAT-ATCOC and JAT-ATVC

The Just Arc **JAT-ATCOC** and **JAT-ATVC** both activate at ninety-five Amps DC. Small size and rouged ABS enclosures make them ideal for the welding environment. These timers offer discrete resets that eliminate accidental lost of data. The **JAT-ATCOC** collects accumulated time and arc starts, while the **JAT-ATVC** simply tracks arc time. Both record hours, minutes and seconds for accurate record keeping.

Operation and installation are simple. Place the non-conductive clamp onto one of the welding cables and strike an arc. Each device has a four-foot long cable and a powerful magnet mounted on the back of the box for convenient placement of the timer anywhere on your power supply or feeder. Can be used on all welding applications to include Plasma and TIG (Pulsed AC TIG is not recommended).

Amphenol/AMP/Hubbel Plugs

Amphenol products

3 Pin

054201	Plug
054202	Connector
054203	Panel mount
054801	Plug

4 Pin

054601	Plug
054602	Connector
054603	Panel mount
054204	Plug W/socket

5 Pin

054802	Plug
054803	Connector
054604	Plug
054605	Connector
054606	Panel Mount
054205	Plug
053001	Plug
053002	Connector
053003	Panel Mount
052001	Socket w/nut

6 Pin

054206	Plug
054207	Connector
054208	Plug
054209	Connector
054210	Panel Mount
054211	Plug W/Soc
054212	Connector
054213	Panel Mount

7 Pin

054804	Plug
054805	Connector
054806	Panel mount
054807	Plug
054808	Connector
054809	Panel Mount

8 Pin

054607	Plug
054608	Connector
054609	Panel Mount
054610	Plug
054611	Connector
054612	Panel Mount
054613	Plug
054614	Connector
054615	Panel Mount

9 Pin

054214	Plug
054215	Connector w/Pins
054216	PM w/Pins
054217	PS w/Nut
054218	Connector
054219	Panel Mount
054220	Plug Socket w/ Nut
054221	Connector w/ Pins
054222	Panel Mount w/Pins

10 Pin

054223	Plug
054224	Connector
054225	Panel Mount
053004	Plug
053005	Connector
054616	Plug (X)

14 Pin

054617	Plug
054618	Connector
054619	Panel Mount
044601	Plug
054226	Plug
054227	Connector
054228	Panel Mount

17 Pin

058101	Plug
058102	Connector
058103	Panel Mount

19 Pin

057001	Plug
057002	Connector
057003	Panel Mount

Amp Connectors

4 Pin

044602	Plug
044603	Plug

7 Pin

047001	Plug
047002	Plug w/Socket

14 Pin

048101	Plug
044601	Plug

Hubble

030001	Male
030002	Female

3 Pin

030005	Male T/L
030006	Female T/L

2 Pin Twist Lock

030007	Male
030008	Female

For more information and pictures, please visit us at our web site www.JustArc.com

All brand and machine names listed in this catalog, are trademarked by the named companies or their parent organizations.



PO Box 223

DuPont, Washington 98327

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Phone: 253-820-9722, Fax: 253-964-2249, www.JustArc.com