

CLEAN AIR E™ FUME EXTRACTION MIG GUN

P/N: BEE3015AJ5EEC - Clean Air E™ Fume Extraction 300A Gun- 4.57m, 45 Degree Euro
P/N: BEE3015AJ5EMC - Clean Air E™ Fume Extraction 300A Gun- 4.57m, 45 Degree Miller
P/N: BEE4015AK5EEC - Clean Air E™ Fume Extraction 400A Gun- 4.57m, 45 Degree Euro
P/N: BEE4015AK5EMC - Clean Air E™ Fume Extraction 400A Gun- 4.57m, 45 Degree Miller

High-efficiency fume extraction, ergonomic design, and rugged durability come together to create a cleaner and more productive workspace, while maintaining exceptional weld quality.

Purpose-built for the demands of industrial welding.



WARRANTY INFORMATION

Bernard® Clean Air E™ Fume Extraction MIG Guns: **180 Days** on gun cable assembly; **30 days** on hose and hose components, adapters, front end parts and accessories.

Issue Date: 30th March 2026

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Bernard® Clean Air E™ Fume Extraction MIG Guns capture up to 95% of welding fumes at the source, helping users maintain compliance and a cleaner welding environment. Built with a robust, ergonomic design, these guns support extended use while minimising operator fatigue and reducing downtime.

Clean Air E™ MIG guns utilise AccuLock™ consumables for reliable wire feeding and fewer consumable changes - ultimately driving down maintenance costs. The result is a versatile fume extraction solution that meets the demands of heavy industrial applications, delivers consistent weld quality, and promotes higher productivity without compromising on comfort or performance.

- Compatible weight and handle size to standard air-cooled MIG guns.
- Compatible with vacuum systems from most major manufacturers.
- Removes fumes directly at the source for cleaner air and reduced visible fume.
- Built for long-lasting performance in demanding environments.
- Ease of maintenance.

SUPERIOR FUME CONTROL RIGHT AT THE SOURCE

With up to 95% source fume capture efficiency, the Clean Air E™ minimises airborne contaminants, protects your team, and improves visibility on every weld, helping you meet stringent compliance standards without compromise.

IMPROVED FLEXIBILITY REDUCED WRIST FATIGUE

Reduce wrist and hand fatigue with hose swivel.

EFFORTLESS ERGONOMICS FOR EXTENDED USE

Designed for welders, the Clean Air E™ features a balanced build, optimised handle design, and a ball swivel for added flexibility, reducing strain and improving control. With a focus on comfort and efficiency, it helps welders stay productive through long shifts.

INDUSTRIAL-GRADE DURABILITY, REDUCED DOWNTIME

Built for heavy-duty use, the Clean Air E™ is engineered to last. Its rugged design, combined with long-life consumables, reduces maintenance demands and lowers total costs, keeping your team welding without interruption.

ENHANCED VISIBILITY FOR PRECISE WELDS

Clearer sightlines mean better welds. The Clean Air E™ is designed to minimise arc obstructions, providing improved visibility and weld access. With a better view of the weld puddle, welders can work with greater accuracy, control, and consistency.

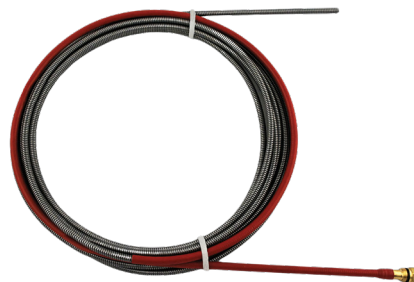
POWERING PRODUCTIVITY AND PRECISION IN EVERY WELD

The Clean Air E™ fume extraction MIG Gun is trusted by industries that need results without disruption. From truck and trailer manufacturing to heavy equipment and fabrication, this gun is designed to support welders, protect workplaces, and improve productivity.

E-Z FEED™ REAR LOAD LINERS

E-Z Feed™ Rear Load Liners feature a unique profile and protective coating that improves wire feedability through the MIG gun. Its design shields the wire from moisture and humidity while reinforcing rigidity for better wire support.

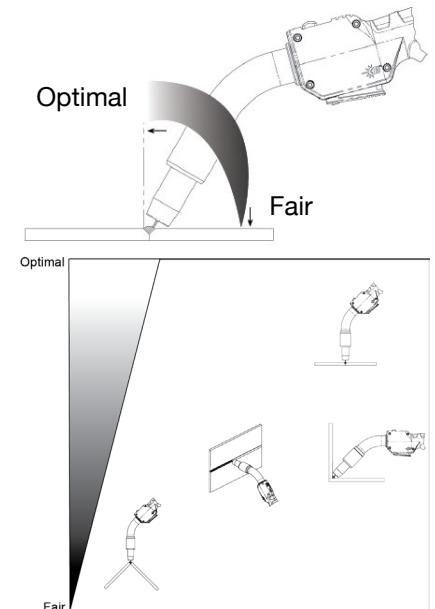
The E-Z Feed™ Liner Technology is especially effective for feeding hard to feed wires like metal-cored and stainless steel.



FUME CAPTURE OPTIMISATION

Follow the diagram below for optimising the efficiency of fume capture from your fume extraction MIG gun. The joints and positions of welds will affect the efficiency of fume capture.

Optimal capture efficiency is achieved when the fume gun is positioned directly above the weld puddle.



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INDUSTRIAL APPLICATIONS

Heavy Equipment

General Manufacturing & Fabrication

Commercial Truck & Trailer

PROCESSES

MIG (GMAW) Welding

Flux-Cored (FCAW) Welding

PRODUCT SPECIFICATIONS

Rated Output	Wire Size	Cable Length	Duty Cycle
300 A, 400 A	0.8 - 2.0 mm	4.57 m	60% with mixed gases

PRODUCT PART NUMBERS

300A
4.57 m Cable

400A
4.57 m Cable

BEE3015AJ5EEC
BEE3015AJ5EMC

BEE4015AK5EEC
BEE4015AK5EMC

ORDERING INFORMATION

Amp	Cable Length	Handle and Trigger Option	Neck	Consumables	Wire Size	Power Pin	Liner Type
E30 300 Amp Max. Wire Size 1.2 mm	4.57 m	A Lever Switch Trigger on Bottom	J Med 45° K Med. 60°	5 AccuLock™ S, Large, Rear Load*	E 1.2 mm	E Euro^ M Miller®	C Rear Load Liner*
E40 400 Amp Max. Wire Size 1.6 mm							

Brand and product names shown above are trademarks of their respective owners. ^Available with rear load liner only. *Consumable compatible with rear load liners

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Subject to change - the information presented in this spec sheet is accurate to the best of our knowledge at the time of printing.

Please visit bernardtregaskiss.com for the most up-to-date information.

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ACCULOCK™ S CONSUMABLES SERIES

Contact Tips

0.8 mm	BET-A030CH
0.9 mm	BET-A035CH
1.2 mm	BET-A045CH
1.4 mm	BET-A052CH
1.6 mm	BET--A062CH
1.8 mm	BET-A072CH
2.0 mm	BET-A078CH

Aluminium-Specific Contact Tips

0.9 mm	BET-A035AL
1.2 mm	BET-A047AL
1.6 mm	BET-A062AL

Nozzles - Large

15.8 mm Bore, Flush, Copper	BEN-A5800C
15.8 mm Bore, 3.1 mm Recess, Copper	BEN-A5818C
15.8 mm Bore, 6.35 mm Recess, Copper	BEN-A5814C

Nozzles - Small

15.8 mm Bore, Flush, Copper	BENS-A5800C
15.8 mm Bore, 3.1 mm Recess, Copper	BENS-A5818C

Diffusers for use with Rear Load Liners

Large, Brass, Thread-On	BED-A1-C
Small, Brass, Thread-On	BEDS-A1-C

LINERS

Rear Load Liner

	Part No.
For 0.8 mm - 0.9 mm Wire	BEL2A-15
For 0.9 mm - 1.2 mm Wire (E-Z Feed™ Liner Technology)	BELD3A-15
For 1.2 mm - 1.6 mm Wire (E-Z Feed™ Liner Technology)	BELD4A-15
For 2.0 mm Wire	BEL6A-15

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FRONT END PARTS

Necks	Part No.
45° Neck	BEN-345
60° Neck	BEN-360

Neck Tubes	Part No.
45° Neck Tube	BENT-45
60° Neck Tube	BENT-60

Extraction Shrouds	Part No.
Extraction Shroud, Short Length, Small (Shroud with Straight Knurl)	BES-L1S
Extraction Shroud, Medium Length, Small (Shroud with Straight Knurl)	BES-L2S
Extraction Shroud, Long Length, Small (Shroud with Straight Knurl)	BES-L3S
Extraction Shroud, Short Length, Large (Shroud with Diamond Knurl)	BES-L1
Extraction Shroud, Medium Length, Large (Shroud with Diamond Knurl)	BES-L2
Extraction Shroud, Long Length, Large (Shroud with Diamond Knurl)	BES-L3

POWER PINS

Miller®	Part No.
Strain Relief	BE2520111
Power Pin (Includes O-Rings)	BE2200137
Power Pin Insulator	BE414-400-20
Power Pin Tip for 0.5 mm - 1.6 mm	BE214-116
Power Pin Tip for 2.0 mm - 2.4 mm	BE214-332
Trigger Control Plug	BEGN2021

Euro™	Part No.
Strain Relief	BE2520069
Euro Kit	BEPK-E

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ACCESSORIES

6-Foot Jacket (Installed On Build)	BEJK-6
300 Amp Y Connector Kit	BEYK-3
400 Amp Y Connector Kit	BEYK-4
15 Foot Hose Kit	BEHK-15
Lever Hand Kit*	BEHK-L

*Handle kits include hardware, activation switch and handle parts.