

BERNARD®
TECHNOLOGY



WATER AND AIR-COOLED

EuroGun

MIG Guns and Accessories



Index

| | |
|---|---|
| EuroGun Model Variations | 3 |
| Replacement Parts A-300(R) Series | 4 |
| Replacement Parts W-500(R) Series | 8 |

About EuroGun Series

The Miller® EuroGun Series utilizes BERNARD® Technology

The EuroGun have been designed to perfectly match the Miller® MIG equipment and to ensure that the welder can fully benefit from its superior arc quality. Built for performance and durability.

TOUGH LOCK® front end consumables help to reduce your consumables cost and related downtime. The precision made dual taper technology creates a more secure fit between the retaining head and the contact tip. Greater surface contact minimizes the contact tip temperature resulting in reduced tip wear and reduced cost of operation and use.

With a perfectly balanced and sized handle there is less operator fatigue and the design ensures a perfect grip. The EuroGun has been developed to withstand the toughest industrial environment, offering high duty cycle and secure connections for both power and water connections.

Both the air and the water-cooled models use the same superior TOUGH LOCK® consumables and both models can be supplied with a built-in remote control for adjustment of the wire feed speed and the voltage during or between welds.



UK
CA | CE

All the guns are UKCA & CE-compliant

EuroGun Model Variations

| Stock No. | EuroGun | Water | Air | Euro connector | Water quick connect | Remote WFS and Volts control on gun | 3 meter | 4.5 meter | Rating CO ₂ gas (A) | Rating Mix gas (A) | Duty cycle (%) |
|-----------|---------|-------|-----|----------------|---------------------|-------------------------------------|---------|-----------|--------------------------------|--------------------|----------------|
| 058023005 | A-300 | - | ● | ● | - | - | ● | - | 300 | 250 | 100 |
| 058023006 | A-300 | - | ● | ● | - | - | - | ● | 300 | 250 | 100 |
| 058023007 | A-300R | - | ● | ● | - | ● | ● | - | 300 | 250 | 100 |
| 058023008 | A-300R | - | ● | ● | - | ● | - | ● | 300 | 250 | 100 |
| 058023001 | W-500 | ● | - | ● | ● | - | ● | - | 500 | 400 | 100 |
| 058023002 | W-500 | ● | - | ● | ● | - | - | ● | 500 | 400 | 100 |
| 058023003 | W-500R | ● | - | ● | ● | ● | ● | - | 500 | 400 | 100 |
| 058023004 | W-500R | ● | - | ● | ● | ● | - | ● | 500 | 400 | 100 |

Example:

EuroGun W-500R

EuroGun W - 500 R

| NO. | DESCRIPTION |
|------------------|-------------|
| WATER/AIR COOLED | |
| W | WATER ← |
| A | AIR |
| AMPERS | |
| 500 | AMPS ← |

| NO. | DESCRIPTION |
|-----------------|---------------------------------|
| CURRENT CONTROL | |
| R | REMOTE CURRENT CONTROL ON GUN → |

The Miller® MigMatic® inverter series combined with the EuroGun is ideal for industrial welding on mild steel, stainless and aluminium. Choose between pulsed and non-pulsed power sources, with or without water cooling.



All Miller® EuroGun models are configured with front end consumables and liners intended for 1.2 mm steel welding wires. For other wire diameters and aluminium applications please refer to the list of replacement parts.



MILLER'S ERGONOMICS

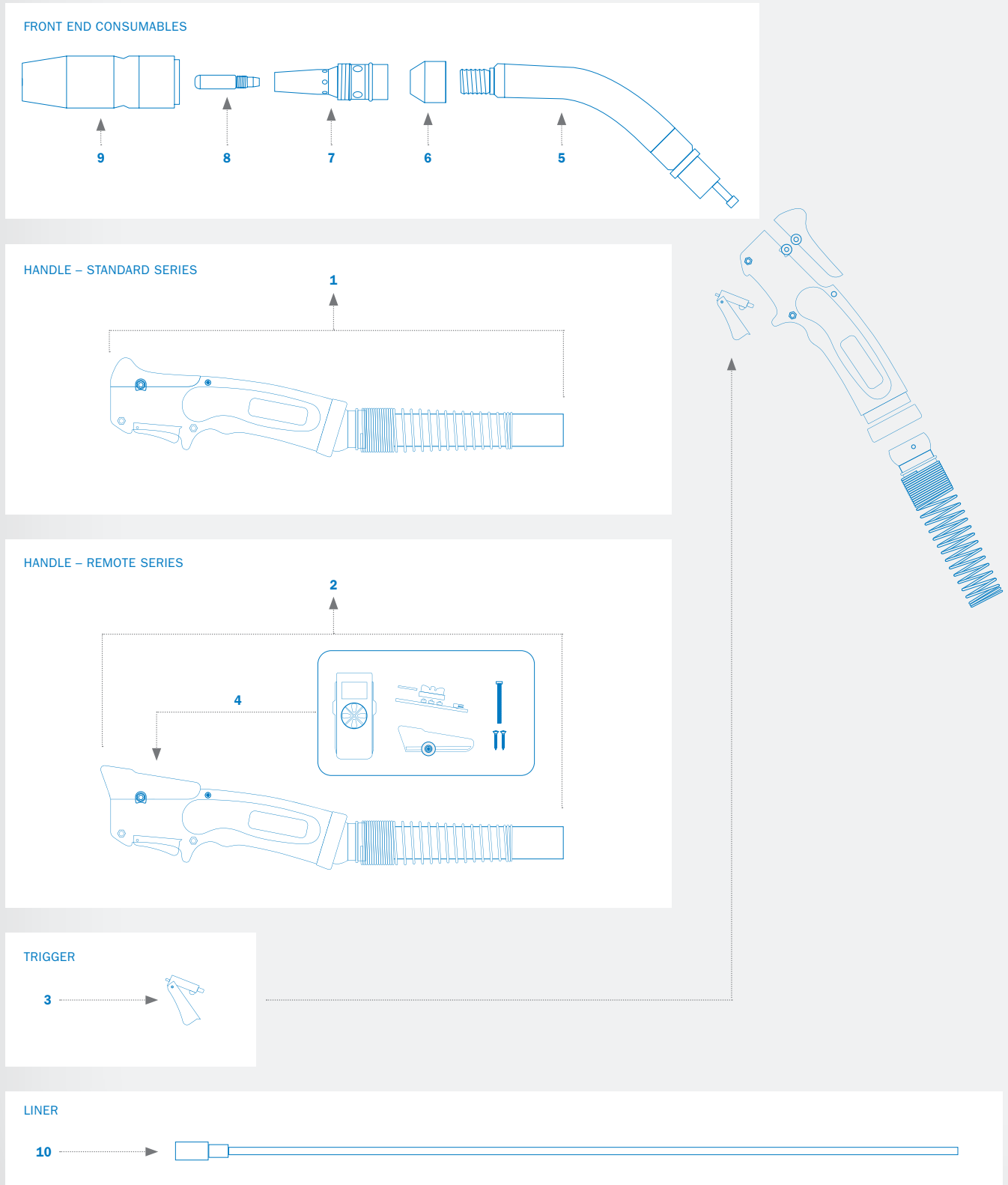
Full control at your fingertips with the Miller® EuroGun

The remote-control option allows for seamless adjustment of both the wire feed speed and the voltage during or between welds.

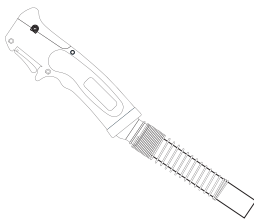
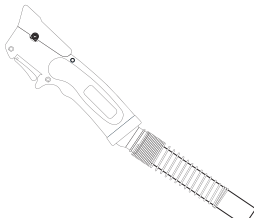

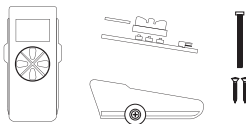
A-300(R) Serie

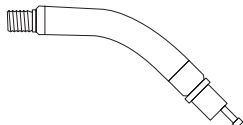
A-300(R) AIR-COOLED


Rated Output: 300 A (CO₂), 250 A (mix), 100% Duty Cycle



A-300(R) Serie

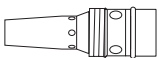

| HANDLE AND TRIGGER | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|--------------------------------|--------------|---------|
|  | 056023003 | HANDLE WITH TRIGGER | A-300 | 1 |
|  | 056023004 | HANDLE WITH TRIGGER AND REMOTE | A-300R | 1 |
|  | 056023005 | TRIGGER SWITCH ASSEMBLY | A-300/A-300R | 1 |
|  | 056023006 | REMOTE CONTROL ASSEMBLY | A-300R | 1 |


| GOOSE NECK | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|----------------------------------|--------------|---------|
|  | 056023002 | GOOSE NECK 45° ANGLE, AIR-COOLED | A-300/A-300R | 1 |

| INSULATORS | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|-------------|--------------|---------|
|  | 402-11-02 ● | INSULATOR | A-300/A-300R | 2 |

- Delivered as standard
- Delivered as standard, depending on the selected length

A-300(R) Serie

| RETAINING HEAD AND CONTACT TIPS | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---------------------------------|---|-----------------|---------------------------|--------------|---------|
| 7 |  | 404-26 ● | RETAINING HEAD | A-300/A-300R | 100 |
| | | 404-26-25 | RETAINING HEAD | A-300/A-300R | 25 |
| | | 404-26-02 | RETAINING HEAD | A-300/A-300R | 2 |
| 8 |  | 403-20-1.0-25 ● | 1.0 mm HD CONTACT TIP | A-300/A-300R | 25 |
| | | 403-20-45-25 | 1.2 mm HD CONTACT TIP | A-300/A-300R | 25 |
| | | 403-20-364-25 | 1.2 mm HD CONTACT TIP ALU | A-300/A-300R | 25 |
| | | 403-20-52-25 | 1.3 mm HD CONTACT TIP | A-300/A-300R | 25 |
| | | 403-20-1.4-25 | 1.4 mm HD CONTACT TIP | A-300/A-300R | 25 |
| | | 403-20-116 | 1.6 mm HD CONTACT TIP | A-300/A-300R | 100 |
| | | 403-20-116-25 | 1.6 mm HD CONTACT TIP | A-300/A-300R | 25 |

| GAS NOZZLES | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|-------------|---|-------------|--|--------------|---------|
| 9 |  | 401-6-62 ● | 16 mm BORE, 3.2 mm TIP RECESS, COPPER, SHORT TAPER | A-300/A-300R | 10 |
| | | 401-6-75 | 19 mm BORE, 3.2 mm TIP RECESS, COPPER, SHORT TAPER | A-300/A-300R | 10 |
| | | 401-5-62 | 16 mm BORE, 6.4 mm TIP RECESS, COPPER, SHORT TAPER | A-300/A-300R | 10 |
| | | 401-5-75 | 19 mm BORE, 6.4 mm TIP RECESS, COPPER, SHORT TAPER | A-300/A-300R | 10 |

| LINERS | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|--------|---|-------------|--|--------------|---------|
| 10 |  | 056023009 ○ | STEEL LINER FOR 1.0 - 1.2 mm WIRE, 3 m | A-300/A-300R | 1 |
| | | 056023010 ○ | STEEL LINER FOR 1.0 - 1.2 mm WIRE, 4.5 m | A-300/A-300R | 1 |
| | | 056023011 | STEEL LINER FOR 1.4 - 1.6 mm WIRE, 3 m | A-300/A-300R | 1 |
| | | 056023012 | STEEL LINER FOR 1.4 - 1.6 mm WIRE, 4.5 m | A-300/A-300R | 1 |
| | | 056023013 | COMBI LINER FOR SS AND AL 1.0 - 1.2 mm WIRE, 4.5 m | A-300/A-300R | 1 |
| | | 056023014 | COMBI LINER FOR SS AND AL 1.4 - 1.6 mm WIRE, 4.5 m | A-300/A-300R | 1 |

- Delivered as standard
- Delivered as standard, depending on the selected length

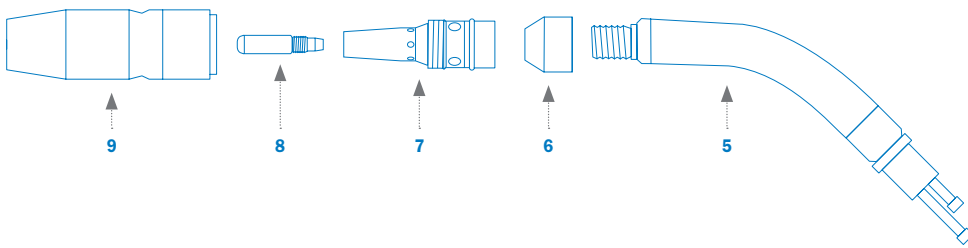


W-500(R) Serie

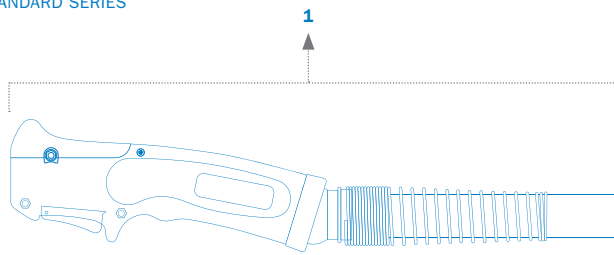
W-500(R) WATER-COOLED

Rated Output: 500 A (CO₂), 400 A (mix), 100% Duty Cycle

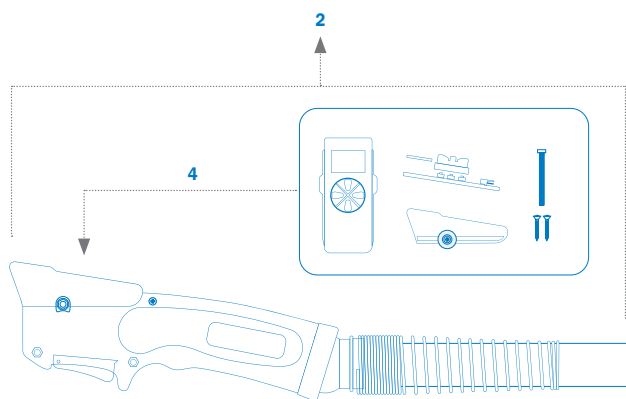
FRONT END CONSUMABLES



HANDLE – STANDARD SERIES



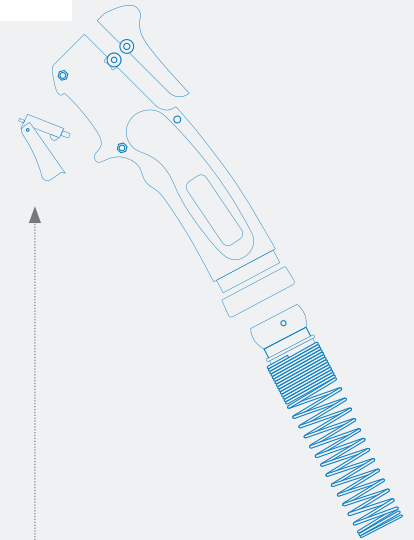
HANDLE – REMOTE SERIES



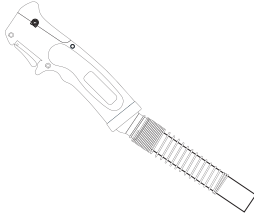
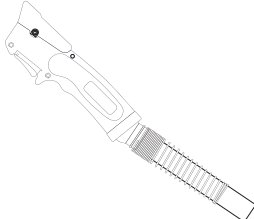

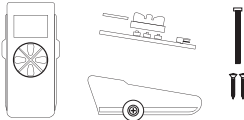
TRIGGER

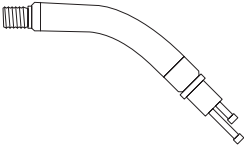



LINER



W-500(R) Serie

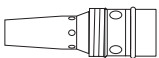

| HANDLE AND TRIGGER | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|--------------------------------|--------------|---------|
|  | 056023007 | HANDLE WITH TRIGGER | W-500 | 1 |
|  | 056023008 | HANDLE WITH TRIGGER AND REMOTE | W-500R | 1 |
|  | 056023005 | TRIGGER SWITCH ASSEMBLY | W-500/W-500R | 1 |
|  | 056023006 | REMOTE CONTROL ASSEMBLY | W-500R | 1 |


| GOOSE NECK | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|------------------------------------|--------------|---------|
|  | 056023001 | GOOSE NECK 45° ANGLE, WATER-COOLED | W-500/W-500R | 1 |

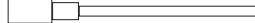
| INSULATORS | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---|-------------|-------------|--------------|---------|
|  | 402-11-02 ● | INSULATOR | W-500/W-500R | 2 |

- Delivered fitted as standard
- Delivered fitted as standard, depending on the selected length

W-500(R) Serie

| RETAINING HEAD AND CONTACT TIPS | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|---------------------------------|---|----------------|---------------------------|--------------|---------|
| 7 |  | 404-26 ● | RETAINING HEAD | W-500/W-500R | 100 |
| | | 404-26-25 | RETAINING HEAD | W-500/W-500R | 25 |
| | | 404-26-02 | RETAINING HEAD | W-500/W-500R | 2 |
| 8 |  | 403-20-1.0-25 | 1.0 mm HD CONTACT TIP | W-500/W-500R | 25 |
| | | 403-20-45-25 ● | 1.2 mm HD CONTACT TIP | W-500/W-500R | 25 |
| | | 403-20-364-25 | 1.2 mm HD CONTACT TIP ALU | W-500/W-500R | 25 |
| | | 403-20-52-25 | 1.3 mm HD CONTACT TIP | W-500/W-500R | 25 |
| | | 403-20-1.4-25 | 1.4 mm HD CONTACT TIP | W-500/W-500R | 25 |
| | | 403-20-116 | 1.6 mm HD CONTACT TIP | W-500/W-500R | 100 |
| | | 403-20-116-25 | 1.6 mm HD CONTACT TIP | W-500/W-500R | 25 |

| GAS NOZZLES | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|-------------|---|-------------|--|--------------|---------|
| 9 |  | 401-6-62 ● | 16 mm BORE, 3.2 mm TIP RECESS, COPPER, SHORT TAPER | W-500/W-500R | 10 |
| | | 401-6-75 | 19 mm BORE, 3.2 mm TIP RECESS, COPPER, SHORT TAPER | W-500/W-500R | 10 |
| | | 401-5-62 | 16 mm BORE, 6.4 mm TIP RECESS, COPPER, SHORT TAPER | W-500/W-500R | 10 |
| | | 401-5-75 | 19 mm BORE, 6.4 mm TIP RECESS, COPPER, SHORT TAPER | W-500/W-500R | 10 |

| LINERS | | PART NUMBER | DESCRIPTION | GUN TYPE | PKG QTY |
|--------|---|-------------|--|--------------|---------|
| 10 |  | 056023009 ○ | STEEL LINER FOR 1.0 - 1.2 mm WIRE, 3 m | W-500/W-500R | 1 |
| | | 056023010 ○ | STEEL LINER FOR 1.0 - 1.2 mm WIRE, 4.5 m | W-500/W-500R | 1 |
| | | 056023011 | STEEL LINER FOR 1.4 - 1.6 mm WIRE, 3 m | W-500/W-500R | 1 |
| | | 056023012 | STEEL LINER FOR 1.4 - 1.6 mm WIRE, 4.5 m | W-500/W-500R | 1 |
| | | 056023013 | COMBI LINER FOR SS AND AL 1.0 - 1.2 mm WIRE, 4.5 m | W-500/W-500R | 1 |
| | | 056023014 | COMBI LINER FOR SS AND AL 1.4 - 1.6 mm WIRE, 4.5 m | W-500/W-500R | 1 |

- Delivered as standard
- Delivered as standard, depending on the selected length



BERNARD[®] TECHNOLOGY

- ✓ TOUGH LOCK[®] consumables
- ✓ Ergonomic design
- ✓ Air/Water cooled
- ✓ 300/500 A
- ✓ Remote current control from the handle as option
- ✓ 3/4.5 m
- ✓ Euroconnector



✓ The Professional Choice



▶ To learn more about EuroGun welding guns and accessories,
contact your Miller sales rep or visit [MillerWelds.com/europe](https://www.millerwelds.com/europe)

© 2021 Miller Electric Mfg. LLC
Miller, the Miller logo, The Power of Blue and Bernard
are registered trademarks of Illinois Tool Works, Inc.

 **Miller**
The Power of Blue[®]