# BT WELD EX-1 TORCH FUME EXTRACTION UNIT

2 YEAR LIMITED WARRANTY

**Designed to significantly reduce exposure to harmful welding fumes directly at the source. Specialized extraction system that efficiently draws in fumes directly from the torch head, minimising exposure to harmful pollutants, providing a safer and healthier welding environment.**

## FEATURES

- Easy Connect with Fume Extraction MIG Torches
- 240V, 10A Plug
- 200±10m³/h air volume
- 1.2 kw motor power
- Digital Display
- Air Volume Adjustment
- Replaceable Cartridge
- 360° Swivel Casters




## STANDARD INCLUSIONS

- EX-1 Torch Fume Extraction
- Tube
- Clamp
- Spanner



## DIRECT FUME CAPTURE FROM TORCH HEAD








**Cartridge**
P/N: 681011

## SPECIFICATIONS

| | |
|---|---|
| **FILTER** | |
| Filter Material | PET |
| Fiterable Fume Size | 0.3 µm |
| Filterability | 99.90% |
| Filter Cartridge | Ø 230 x 176 mm |
| Filter Area | 6 m² |
| Control System | Delixi |
| **TECHNICAL DATA** | |
| Aspirating Volume | 200+10m³/h |
| Motor Power | 1.2 kW |
| Power Supply | 240V/50Hz |
| Blower Loading Pressure | 26000 Pa |
| Dust Outlet Diameter | 50 mm |
| Air Compression | 0.5~0.6 Mpa |
| Noise dB | ≤70±5 dB (A) |
| Fume Removal Method | Manual |
| Fume Cartridge Volume | 5L |
| Dimensions | 600 x 285 x 527 mm |
| Weight | 24 kg |
| Part Number | **681010** |




Torch & Inverter Welder
Sold Separately

# 36 STYLE FUME EXTRACTION MIG TORCH

**Designed for use in conjunction with EX-1 Torch Fume Extraction. This torch effectively removes welding fumes at the source, directly through the torch nozzle, minimising exposure to harmful particulate and gases.**

## FEATURES

- **Absorb Fume from Nozzle**
- **LED Light**
- **Gun Handle Option**
- **Euro Connector**
- **Length: 4m**



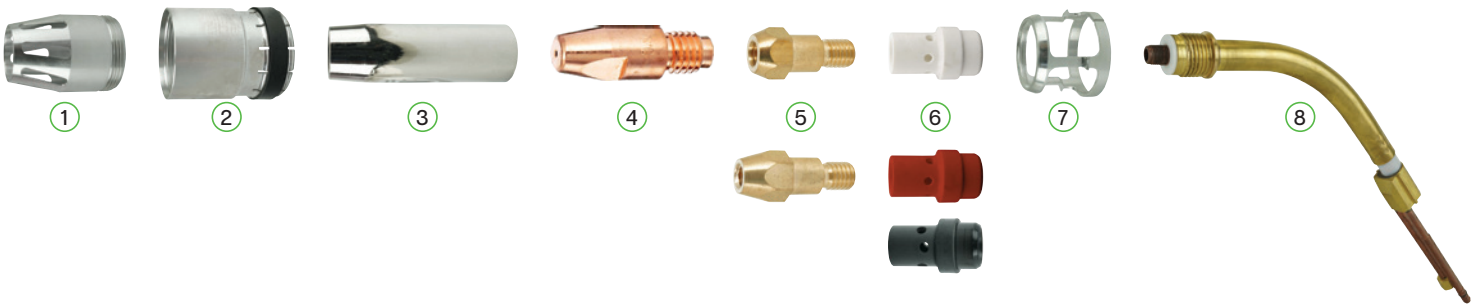
## SPECIFICATIONS

| | |
|---|---|
| Current | 340 Amps |
| Duty Cycle @ 40°C | 60% @ 340Amp CO2<br>60% @ 300Amp MIX |
| Cooling | Air |
| Wire Size | 0.8 – 1.6mm |
| Part Number - 4mt<br>- 5mt | **92.FE.36.4**<br>**92.FE.36.5** |

# 36 STYLE FUME EXTRACTION MIG TORCH SPARES

| | TYPE | PART NUMBER |
|---|---|---|
| 1 | BT Fume Extraction Nozzle for MIG Torch 340A & 500A | **92.02.36.501.FE** |
| 2 | BT Fume Extraction Nozzle Holder for MIG Torch 340A & 500A | **92.03.36.501.FE** |
| 3 | BT Fume Extraction Shield Nozzle for MIG Torch 340A | **92.07.36.FE** |
| 4 | **Binzel M6 & M8 Style Contact Tip (Pkt 10)** | |
| | 0.6mm M6 HD (8mm dia x 28mm long) | **92.01.25.06** |
| | 0.8mm M6 HD (8mm dia x 28mm long) | **92.01.25.08** |
| | 0.9mm M6 HD (8mm dia x 28mm long) | **92.01.25.09** |
| | 1.0mm M6 HD (8mm dia x 28mm long) | **92.01.25.10** |
| | 1.2mm M6 HD (8mm dia x 28mm long) | **92.01.25.12** |
| | 1.4mm M6 HD (8mm dia x 28mm long) | **92.01.25.14** |
| | 1.6mm M6 HD (8mm dia x 28mm long) | **92.01.25.16** |
| | 0.9mm M6 Aluminium (8mm dia x 28mm long) | **92.01.M6A09** |
| | 1.0mm M6 Aluminium (8mm dia x 28mm long) | **92.01.M6A10** |
| | 1.2mm M6 Aluminium (8mm dia x 28mm long) | **92.01.M6A12** |
| | 0.8mm M8 HD (10mm dia x 30mm long) | **92.01.M83008** |
| | 0.9mm M8 HD (10mm dia x 30mm long) | **92.01.M83009** |
| | 1.0mm M8 HD (10mm dia x 30mm long) | **92.01.M83010** |
| | 1.2mm M8 HD (10mm dia x 30mm long) | **92.01.M83012** |
| | 1.4mm M8 HD (10mm dia x 30mm long) | **92.01.M83014** |
| | 1.6mm M8 HD (10mm dia x 30mm long) | **92.01.M83016** |
| 5 | **Binzel Style BZ36 Tip Holder M6 & M8 (Pkt 2)** | |
| | M6 Long (32mm) | **92.03.36.M6L** |
| | M6 Short (28mm) | **92.03.36.M6S** |
| | M8 Long (32mm) | **92.03.36.M8L** |
| | M8 Short (28mm) | **92.03.36.M8S** |
| 6 | Binzel 36 Style White Gas Diffuser (Pkt 2) | **92.05.36** |
| | Binzel 36 Style Gas Diffuser Red Heat Resistant Rubber (Pkt 2) | **92.05.36R** |
| | Binzel Style Gas Diffuser Bakelite Suits 36KD Torch | **92.05.36B** |
| 7 | BT Fume Extraction Tube Fixture for MIG Torch 340A & 500A | **92.03.36.501.FEN** |
| 8 | BT Fume Extraction Swan Neck for MIG Torch 340A | **92.06.36.FE** |





# BT WELD EX-1 TORCH FUME EXTRACTION UNIT

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- 240V, 10A Plug
- 200±10m³/h air volume
- 1.2 kw motor power
- Digital Display
- Air Volume Adjustment
- Replaceable Cartridge
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## STANDARD INCLUSIONS

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**Cartridge**
P/N: 681011

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| Control System | Delixi |
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| Motor Power | 1.2 kW |
| Power Supply | 240V/50Hz |
| Blower Loading Pressure | 26000 Pa |
| Dust Outlet Diameter | 50 mm |
| Air Compression | 0.5~0.6 Mpa |
| Noise dB | ≤70±5 dB (A) |
| Fume Removal Method | Manual |
| Fume Cartridge Volume | 5L |
| Dimensions | 600 x 285 x 527 mm |
| Weight | 24 kg |
| Part Number | **681010** |




Torch & Inverter Welder
Sold Separately

# 501 STYLE FUME EXTRACTION MIG TORCH

**Designed for use in conjunction with EX-1 Torch Fume Extraction. This torch effectively removes welding fumes at the source, directly through the torch nozzle, minimizing exposure to harmful particulate and gases.**

## FEATURES

- **Absorb Fume from Nozzle**
- **LED Light**
- **Gun Handle Option**
- **Euro Connector**
- **Length: 4m**





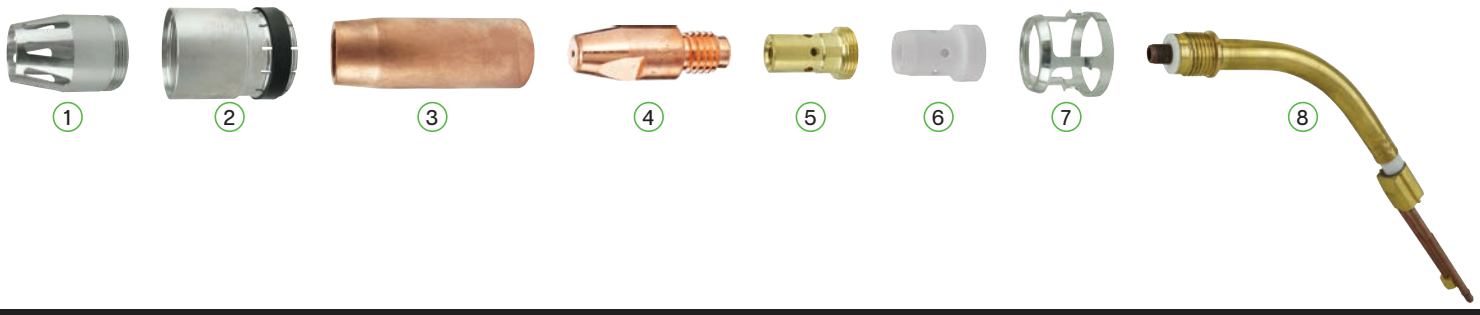

## SPECIFICATIONS

| | |
|---|---|
| Current | 500 Amps |
| Duty Cycle @ 40°C | 60% @ 500Amp CO2<br>60% @ 450Amp MIX |
| Cooling | Water |
| Wire Size | 1.0 – 1.6mm |
| Part Number | **92.FE.501.4** |

## 501 STYLE FUME EXTRACTION MIG TORCH SPARES

| | TYPE | PART NUMBER |
|---|---|---|
| 1 | BT Fume Extraction Nozzle for MIG Torch 340A & 500A | **92.02.36.501.FE** |
| 2 | BT Fume Extraction Nozzle Holder for MIG Torch 340A & 500A | **92.03.36.501.FE** |
| 3 | BT Fume Extraction Shield Nozzle for MIG Torch 500A | **92.07.501.FE** |
| 4 | **Binzel M8 Style Contact Tip (Pkt 10)** | |
| | 0.8mm HD (10mm dia x 30mm long) | **92.01.M83008** |
| | 0.9mm HD (10mm dia x 30mm long) | **92.01.M83009** |
| | 1.0mm HD (10mm dia x 30mm long) | **92.01.M83010** |
| | 1.2mm HD (10mm dia x 30mm long) | **92.01.M83012** |
| | 1.4mm HD (10mm dia x 30mm long) | **92.01.M83014** |
| | 1.6mm HD (10mm dia x 30mm long) | **92.01.M83016** |
| 5 | BT Fume Extraction Tip Holder for MIG Torch 500A | **92.03.501.FE** |
| 6 | BT Fume Extraction Diffuser for MIG Torch 500A | **92.05.501.FE** |
| 7 | BT Fume Extraction Tube Fixture for MIG Torch 340A & 500A | **92.03.36.501.FEN** |
| 8 | BT Fume Extraction Swan Neck for MIG Torch 500A | **92.06.501.FE** |





# BZ36 BINZEL STYLE TORCH

| BZ36 TORCH | |
|---|---|
| Current | 340 Amps |
| Duty Cycle @ 40°C | 60% @ 340Amp CO2<br>60% @ 300Amp MIX |
| Cooling | Air |
| Wire Size | 0.8mm > 1.6mm |



| | Part No. | Description |
|---|---|---|
| | 92.ER.36.3 | Binzel Style BZ36 Complete MIG Torch Ergon 3Mt |
| | 92.ER.36.4 | Binzel Style BZ36 Complete MIG Torch Ergon 4Mt |
| | 92.ER.36.5 | Binzel Style BZ36 Complete MIG Torch Ergon 5Mt |
| 1 | 92.02.36.12 | ø 12mm Adjustable Tapered Nozzle |
| 2 | 92.02.36.CO | ø 16mm Adjustable Conical Nozzle |
| 3 | 92.02.36.CL | ø 20mm Adjustable Cylindrical Nozzle |
| 4 | 92.01.25.06 | Contact Tip Heavy Duty 0.6mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.08 | Contact Tip Heavy Duty 0.8mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.09 | Contact Tip Heavy Duty 0.9mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.10 | Contact Tip Heavy Duty 1.0mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.12 | Contact Tip Heavy Duty 1.2mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.14 | Contact Tip Heavy Duty 1.4mm x M6 x 8mm dia x 28mm long |
| | 92.01.25.16 | Contact Tip Heavy Duty 1.6mm x M6 x 8mm dia x 28mm long |
| 5 | 92.01.M6A09 | Contact Tip 0.9mm x M6 Aluminium x 8mm dia x 28mm long |
| | 92.01.M6A10 | Contact Tip 1.0mm x M6 Aluminium x 8mm dia x 28mm long |
| | 92.01.M6A12 | Contact Tip 1.2mm x M6 Aluminium x 8mm dia x 28mm long |
| 6 | 92.01.M83008 | Contact Tip 0.8mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83009 | Contact Tip 0.9mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83010 | Contact Tip 1.0mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83012 | Contact Tip 1.2mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83014 | Contact Tip 1.4mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83016 | Contact Tip 1.6mm x M8 x 10mm dia x 30mm long |
| 7 | 92.03.36.M6S | Tip Holder M6 Short 28mm |
| | 92.03.36.M8S | Tip Holder M8 Short 28mm |
| 8 | 92.03.36.M6L | Tip Holder M6 Long 32mm |
| | 92.03.36.M8L | Tip Holder M8 Long 32mm |
| 9 | 92.05.36 | Gas Diffuser White |
| 10 | 92.06.36 | Swan Neck |
| 11 | 92.09.HANDLE | Ergonomic handle with screws |
| 12 | 92.09.BWT | Trigger |
| 13 | 92.04.B3 | Blue Steel Liner 0.6—0.8mm 3Mt |
| | 92.04.B4 | Blue Steel Liner 0.6—0.8mm 4Mt |
| | 92.04.B5 | Blue Steel Liner 0.6—0.8mm 5Mt |
| 14 | 92.04.R3 | Red Steel Liner 0.9—1.2mm 3Mt |
| | 92.04.R4 | Red Steel Liner 0.9—1.2mm 4Mt |
| | 92.04.R5 | Red Steel Liner 0.9—1.2mm 5Mt |
| 15 | 92.04.Y3 | Yellow Steel Liner 1.2—1.6mm 3Mt |
| | 92.04.Y4 | Yellow Steel Liner 1.2—1.6mm 4Mt |
| | 92.04.Y5 | Yellow Steel Liner 1.2—1.6mm 5Mt |
| 16 | 92.04.BT3 | Blue Teflon Liner 0.6—0.9mm 3Mt |
| | 92.04.BT4 | Blue Teflon Liner 0.6—0.9mm 4Mt |
| 17 | 92.04.RT3 | Red Teflon Liner 0.9—1.2mm 3Mt |
| | 92.04.RT4 | Red Teflon Liner 0.9—1.2mm 4Mt |
| | 92.04.RT5 | Red Teflon Liner 0.9—1.2mm 5Mt |
| 18 | 92.04.YT3 | Yellow Teflon Liner 1.2—1.6mm 3Mt |
| | 92.04.YT4 | Yellow Teflon Liner 1.2—1.6mm 4Mt |
| 19 | 92.04.U5 | Universal Liner 0.9—1.2mm 4Mt |
| 20 | 92.04.BNL12 | Brass Swan Neck Liner 1.2mm 250mm |
| | 92.04.BNL16 | Brass Swan Neck Liner 1.6mm 250mm |



# BZ501 BINZEL STYLE TORCH

| BZ501 TORCH | |
|---|---|
| Current | 500 Amps |
| Duty Cycle @ 40°C | 100% @ 500 Amps |
| Cooling | Water |
| Wire Size | 0.8mm > 1.6mm |



| | Part No. | Description |
|---|---|---|
| | 92.ER.501.3 | Binzel Style BZ 501 Water cooled MIG torch 3Mt |
| | 92.ER.501.4 | Binzel Style BZ 501 Water cooled MIG torch 4Mt |
| 1 | 92.02.501.14 | ø 12mm Adjustable Tapered Nozzle |
| 2 | 92.02.501.CL | ø 16mm Adjustable Conical Nozzle |
| 3 | 92.02.501.CO | ø 20mm Adjustable Cylindrical Nozzle |
| 4 | 92.01.M83008 | Contact Tip 0.8mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83009 | Contact Tip 0.9mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83010 | Contact Tip 1.0mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83012 | Contact Tip 1.2mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83014 | Contact Tip 1.4mm x M8 x 10mm dia x 30mm long |
| | 92.01.M83016 | Contact Tip 1.6mm x M8 x 10mm dia x 30mm long |
| 5 | 92.05.501.GD | Binzel Style BZ501 Gas Diffuser White |
| 6 | 92.03.501.M8S | Binzel Style BZ501 Tip Holder M8 Short (28mm) |
| 7 | 92.06.501.1 | Binzel Style BZ501 Insulator (Pkt 2) |
| 8 | 92.06.501 | Swan Neck |
| 9 | 92.09.HANDLE | Ergonomic handle with screws |
| 10 | 92.09.BWT | Trigger |
| 11 | 92.04.B3 | Blue Steel Liner 0.6—0.8mm 3Mt |
| | 92.04.B4 | Blue Steel Liner 0.6—0.8mm 4Mt |
| | 92.04.B5 | Blue Steel Liner 0.6—0.8mm 5Mt |
| 12 | 92.04.R3 | Red Steel Liner 0.9—1.2mm 3Mt |
| | 92.04.R4 | Red Steel Liner 0.9—1.2mm 4Mt |
| | 92.04.R5 | Red Steel Liner 0.9—1.2mm 5Mt |
| 13 | 92.04.Y3 | Yellow Steel Liner 1.2—1.6mm 3Mt |
| | 92.04.Y4 | Yellow Steel Liner 1.2—1.6mm 4Mt |
| | 92.04.Y5 | Yellow Steel Liner 1.2—1.6mm 5Mt |
| 14 | 92.04.BT3 | Blue Teflon Liner 0.6—0.9mm 3Mt |
| | 92.04.BT4 | Blue Teflon Liner 0.6—0.9mm 4Mt |
| 15 | 92.04.RT3 | Red Teflon Liner 0.9—1.2mm 3Mt |
| | 92.04.RT4 | Red Teflon Liner 0.9—1.2mm 4Mt |
| | 92.04.RT5 | Red Teflon Liner 0.9—1.2mm 5Mt |
| 16 | 92.04.YT3 | Yellow Teflon Liner 1.2—1.6mm 3Mt |
| | 92.04.YT4 | Yellow Teflon Liner 1.2—1.6mm 4Mt |
| 17 | 92.04.U5 | Universal Liner 0.9—1.2mm 4Mt |
| 18 | 92.04.BNL12 | Brass Swan Neck Liner 1.2mm 250mm |
| | 92.04.BNL16 | Brass Swan Neck Liner 1.6mm 250mm |

