

# CIGWELD

AN ESAB BRAND

## BLUEVENOM PULSEMATE

SINGLE & DOUBLE PULSE ADD-ON

Step up to MIG SINGLE & DOUBLE  
PULSE with the optional PulseMate™.

SimplePulse™ Technology.  
Set SINGLE & DOUBLE PULSE  
from just 4 Easy Steps!



MIG

DESIGNED  
& TESTED  
IN AUSTRALIA  
FOR OVER 100 YEARS



DESIGNED, DEVELOPED & TESTED  
IN AUSTRALIA!

OK, so you have in your possession  
the All-New, ever so versatile,  
BlueVenom™ XF252 or XF353  
Power Source and/or 4R-ROVER and  
now you're thinking

**"How do I get TIG like  
welds from this beast?"**

the answer: with the new  
BlueVenom™ PulseMate™  
pendant, you can!

You can connect the hand-held  
PulseMate™ pendant equipped  
with 8m of lead into either the XF252 or XF353 Power Source, or  
4R-ROVER™ to activate MIG Single and Double Pulse giving you TIG  
like looking welds through our simple yet intuitive SimplePulse™  
MIG system!

### SimplePulse™

#### Single Pulse MIG in 4 Easy Steps:

- 1 STEP 1: Choose 'Single Pulse'
- 2 STEP 2: Select the Job (CS/SS/AL/BZ) you want to work with from the rear list
- 3 STEP 3: Select the Plate Thickness you are welding using 'PEAK' adjustment
- 4 STEP 4: Use 'Trim' to adjust Arc Length (if required)



### SimplePulse™

#### Double Pulse MIG in 7 Easy Steps:

- 1 STEP 1: Choose 'Double Pulse'
- 2 STEP 2: Select the Job (CS/SS/AL/BZ) you want to work with from the rear list
- 3 STEP 3: Select the Plate Thickness you are welding using 'PEAK' adjustment
- 4 STEP 4: Adjust the 'BASE' Current %
- 5 STEP 5: Adjust 'Double Pulse Frequency' (Pulse Speed)
- 6 STEP 6: Adjust 'Double Pulse Width' (Ripple Gap)
- 7 STEP 7: Use 'TRIM' to adjust Arc Length (If required)



CIGWELD Data Sheet BlueVenom PulseMate V2-2024  
CIGWELD Pty Ltd An ESAB Brand.  
[www.cigweld.com.au](http://www.cigweld.com.au)

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## DESCRIPTION

Equipped with all the required items to start welding Aluminium, the PulseMate kit also comes with the 'MAG-STAND' – a robust magnetic base stand that allows the user to place their PulseMate along their work piece or work bench for easy control over their welding parameters.

The PulseMate has been programmed to control the following features:

- Plate Thickness control with Synergic lines
- Wirefeed Speed
- Voltage Trim
- Pre and Post Gas Time
- Hot Start Strength
- Hot Start Time
- Peak Current
- Base Current
- Crater Time
- Burnback
- Double Pulse Frequency (Pulse Speed)
- Double Pulse Width (Ripple Gap)
- Wire Inch
- 5x User customizable Memory Settings



## WARRANTY PERIOD

2-Year conditional warranty. See terms and conditions at [cigweld.com.au](http://cigweld.com.au) or in the Operating Manual, included with the machine.



## GET THE WHOLE PACKAGE:

BLUEVENOM XF252 BLUEVENOM XF353 BLUEVENOM PULSEMATE

### PULSEMATE PACKAGE CONTENTS

- BlueVenom™ PulseMate™ Single & Double Pulse Pendant with 8m Lead
- PulseMate 'MAG-STAND' Holder
- Nylon Inlet Guide + Nylon Intermediate Guide
- Nylon Multiliner Kit, 4.5m
- Contact Tips: 1.2A (1.4mm) M8, Qty 5
- Feed Rolls x2: 1.0/1.2mm U Groove
- Carry Case
- Operating Manual



### ORDERING DETAILS

BlueVenom™ PulseMate™

**P/N: W4200PM1**

### Get the Full Package (sold separately):

BlueVenom™ XF252 Power Source - **P/N: W1400252**  
BlueVenom™ XF353 Power Source - **P/N: W1400353**  
BlueVenom™ 4R-ROVER™ Wirefeeder - **P/N: W3200401**  
BZL36 Push-Pull Gun, 8m - **P/N: W52BP36E8**  
BZL24 Spool Gun, 6m - **P/N: W52BS24E6**



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