

CIGWELD

AN ESAB BRAND

BLUEJETTM SABRE



MULTIPURPOSE CUTTING TORCHES

FEATURES & BENEFITS:

- Twin stainless steel tubes offer durability to harsh operating conditions
- Extended length versions are reinforced with soldered brass tube supports to further increase robustness
- Gas identification made simple with colour-coded control valves
- Ideal for piercing, the cutting oxygen valve permits flow control from a gradual bleed to maximum capacity
- Ergonomic stainless steel cutting oxygen lever with lock down latch
- Precision machined head ensures a gas tight seal for use with Type 41 & 44 cutting, heating and gouging nozzles
- Also suits Type 44 Scraper Nozzles (P/N: 206450 & 206451)

MULTIPURPOSE CUTTING TORCH 90° HEAD (530mm)

P/N	DESCRIPTION	FUEL GAS TYPE	LENGTH	HEAD ANGLE	CUTTING CAPACITY	NOZZLE SUITABILITY	HOSE CONNECTIONS		WEIGHT
							Oxygen	Fuel	

204037	BlueJet Sabre Multipurpose Cutting Torch 90° Head (530mm)	Oxygen/Acetylene & Oxygen/LPG	530mm	90°	300mm	Type 41 & Type 44	5/8"-18 UNF RH	5/8"-18 UNF LH	1.4kg
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MULTIPURPOSE CUTTING TORCH STRAIGHT HEAD (920mm)

P/N	DESCRIPTION	FUEL GAS TYPE	LENGTH	HEAD ANGLE	CUTTING CAPACITY	NOZZLE SUITABILITY	HOSE CONNECTIONS		WEIGHT
							Oxygen	Fuel	

204038	BlueJet Sabre Multipurpose Cutting Torch Straight Head (920mm)	Oxygen/Acetylene & Oxygen/LPG	920mm	180°	300mm	Type 41 & Type 44	5/8"-18 UNF RH	5/8"-18 UNF LH	1.8kg
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BLUEJETTM

CIGWELD Data Sheet
BLUEJET SABRE MULTIPURPOSE CUTTING TORCH PDS V1 -2025
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V1-2025

MULTIPURPOSE CUTTING TORCH 90° HEAD (920mm)

P/N	DESCRIPTION	FUEL GAS TYPE	LENGTH	HEAD ANGLE	CUTTING CAPACITY	NOZZLE SUITABILITY	HOSE CONNECTIONS		WEIGHT
							Oxygen	Fuel	
204039	BlueJet Sabre Multipurpose Cutting Torch 90° Head (920mm)	Oxygen/Acetylene & Oxygen/LPG	920mm	90°	300mm	Type 41 & Type 44	5/8"-18 UNF RH	5/8"-18 UNF LH	1.8kg



MULTIPURPOSE CUTTING TORCH 90° HEAD (2000mm)

P/N	DESCRIPTION	FUEL GAS TYPE	LENGTH	HEAD ANGLE	CUTTING CAPACITY	NOZZLE SUITABILITY	HOSE CONNECTIONS		WEIGHT
							Oxygen	Fuel	
204042	BlueJet Sabre Multipurpose Cutting Torch 90° Head (2000mm)	Oxygen/Acetylene & Oxygen/LPG	2000mm	90°	300mm	Type 41 & Type 44	5/8"-18 UNF RH	5/8"-18 UNF LH	2.4kg



MULTIPURPOSE CUTTING TORCH STRAIGHT HEAD (2000mm)

P/N	DESCRIPTION	FUEL GAS TYPE	LENGTH	HEAD ANGLE	CUTTING CAPACITY	NOZZLE SUITABILITY	HOSE CONNECTIONS		WEIGHT
							Oxygen	Fuel	
204050	BlueJet Sabre Multipurpose Cutting Torch Straight Head (2000mm)	Oxygen/Acetylene & Oxygen/LPG	2000mm	180°	300mm	Type 41 & Type 44	5/8"-18 UNF RH	5/8"-18 UNF LH	2.4kg



EXTENSION KIT (1600mm)*

P/N	DESCRIPTION	LENGTH	WEIGHT
204043	BlueJet Sabre Extension Kit (1600mm)	1600mm	2.0kg



*CIGWELD recommends that an extension kit should only be fitted by a CIGWELD accredited service provider.

OPERATING CONDITIONS

Due to the high flow capacity of the BlueJet SABRE Multipurpose Cutting Torch, it's crucial to ensure that the regulators, hoses, and flashback arrestors do not impede the gas flow.

Regulators should be in proper working condition and capable of supplying the required Oxygen and Fuel gases for each cutting nozzle. The hose length should be kept as short as possible, and larger diameter hoses and fittings should be used when necessary.

When installing flashback arrestors, ensure that the units selected are suitable for the required flow conditions of the nozzle being used.

Flow or pressure restrictions may lead to poor nozzle performance or flame instability, potentially resulting in backfiring or flashbacks.