

SECTION 4

GAS EQUIPMENT





GAS KITS – OXY/ACETYLENE

BOSS Cooler Box Oxygen/ Acetylene Cutting & Welding Kit

Part No. 400001

Kit contains:

- Oxygen regulator
- Acetylene regulator
- Torch handle
- Mixer
- Cutting attachment
- Welding tips (size 10, 12 & 15)
- Type 41 Cutting nozzles (size 8, 12 & 15)
- Tip cleaner
- Flint lighter
- Combination spanner
- 10mt twin hose assembly
- Circle & straight cutting guide in BOSS Cooler box.

Manufactured to AS 4267-1995.
1 pc/ctn.



BOSS Cooler Box Oxygen/ Acetylene Cutting & Welding Kit including Flash Back Arrestors

Part No. 400001FBA

All items listed above in 400001 plus 1 x torch & 1 x regulator end twin pack of BOSS flashback arrestors.



GAS KITS – OXY/ACETYLENE

BOSS Oxygen/Acetylene Cutting & Welding Kit

Part No. 400010

Kit contains:

- Oxygen regulator
- Acetylene regulator
- Torch handle
- Mixer
- Cutting attachment
- Welding tips (size 8, 10, 12, 15 & 20)
- Type 41 Cutting nozzles (size 8, 12 & 15)
- Tip cleaner
- Flint lighter
- Cylinder key
- Combination spanner
- 5mt twin hose assembly
- Flip up oxy goggles in black carry case.

Manufactured to AS 4267-1995.
Single or 2 pcs/ctn.



BOSS Oxygen/Acetylene Cutting & Welding Kit including Flashback Arrestors

Part No. 400010FBA

All items listed above in 400010 plus 1 x torch & 1 x regulator end twin pack of BOSS flashback arrestors.





GAS KITS – OXY/LPG

BOSS Oxygen/LPG Cutting & Welding Kit

Part No. 400009

Kit contains:

- Oxygen regulator
- LPG regulator
- Torch handle
- Mixer
- Cutting attachment
- Welding tips (size 8, 10, 12 & 15)
- Type 41 Cutting nozzles (size 8, 12 & 15)
- Tip cleaner
- Flint lighter
- Combination spanner
- 10mt twin hose assembly in a BOSS tool box.

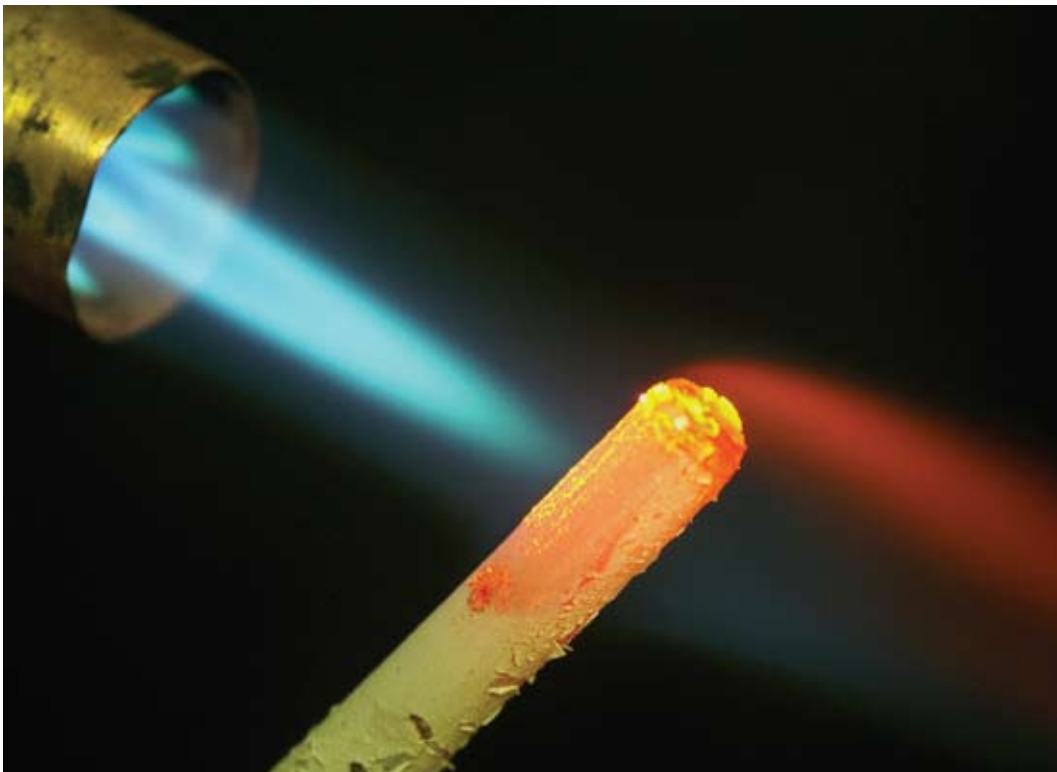
Manufactured to AS 4267-1995.
1 pc/ctn.



BOSS Oxygen/LPG Cutting & Welding Kit including Flashback Arrestors

Part No. 400009FBA

All items listed above in 400009 plus 1 x torch & 1 x regulator end twin pack of BOSS flashback arrestors.





GAS REGULATORS

Oxygen Regulators

AS4267-1995

BOSS Oxygen regulators offer precise & accurate flow control. Quality gas regulators combining safety & rugged design.

Twin gauge models show bottle contents & outlet pressure.

Features include 1000kPa outlet pressure, no soldered joints, angled outlets, tough perspex lens & easy to read gauges.

Type	Part No.
BOSS Oxygen Regulator	400212
BOSS Oxygen Side Entry Regulator	400205

1 pc/box 10 pcs/ctn.

Acetylene Regulators

AS4267-1995

Single stage regulators offer precise delivery of industrial gases. Quality gas regulators combining safety & rugged design.

Twin gauge models show bottle contents & outlet pressure.

Features include 150kPa outlet pressure, no soldered joints, safety relief valve, tough perspex lens & easy to read gauges.

Type	Part No.
BOSS Acetylene Regulator	400213
BOSS Acetylene Side Entry Regulator	400206

1 pc/box 10 pcs/ctn.



GAS REGULATORS

Argon Twin Regulators

AS4267-1995

The BOSS Argon C02 regulators are designed for use with TIG & MIG welding processes. Giving the welder accurate & precise flow control.

Features include no soldered joints, safety relief valve, tough perspex lens & easy to read gauges.

Type	Part No.
BOSS Argon C02 Twin Gauge Regulator	400210
BOSS Argon C02 Twin Gauge Side Entry Regulator	400207

1 pc/box 10 pcs/ctn.

Argon Bobbin Regulators

AS4267-1995

The BOSS Argon C02 regulators are designed for use with TIG & MIG welding processes. Giving the welder accurate & precise flow control.

Features include no soldered joints, safety relief valve, tough perspex lens & easy to read gauges.

Type	Part No.
BOSS Argon C02 Bobbin Type Regulator	400211
BOSS Argon C02 Bobbin Type Side Entry Regulator	400208
BOSS Argon C02 flowmetre 0-25 LPM	400215

1 pc/box 10 pcs/ctn.





GAS REGULATORS

LPG Regulators

AS4267-1995

Single stage regulators offer precise delivery of industrial gases. Quality gas regulators combining safety & rugged design.

Features include no soldered joints, safety relief valve, tough perspex lens & easy to read gauges.

Type	Part No.
BOSS LPG high pressure Regulator	400217



CO2 HEATER

101 FL 240V

Part No. 400218

CO2 gas heater, clamps onto stem of CO2 regulator for warming of CO2 gas, 240 volts.



FLASHBACK ARRESTORS

BOSS by IBEDA flashback arrestors are designed to shut off gas flow in the case of a "flashback". Flashback arrestors should be fitted to the torch & regulator end of gas equipment to provide maximum safety.

Especially useful in confined workplaces &/or where a fire would be hazardous. Recommended for use in all Oxy/fuel gas applications.

Made in Germany, they comply with AS 4603-1999. Testing should be carried out annually & is available on request.

Type	Part No.
A Ibeda Fuel –Torch end	400131
B Ibeda Oxygen – Torch end	400132
Ibida Torch End Twin pack	400133
C Ibeda Fuel – Regulator end	400136
D Ibeda Oxygen – Regulator end	400137
Ibida Regulator end twin pack	400138

1 set/pkt display packed.





EQUIPMENT

BOSS Torch Handle

Part No. 400011
Standard torch handle for use with Oxy/Acetylene, Oxy/LPG & Oxy/Natural gases.
Display packed.



BOSS Cutting Attachment

Part No. 400013
Standard cutting attachment, connects to standard torch handle. Use with Type 41 Acetylene & Type 44 LPG cutting nozzles.
Display packed.



EQUIPMENT

BOSS 3/8 (10mm) Mixer

Part No. 400012
10mm mixing chamber for use with standard torch handle, suitable for Oxy/Acetylene & Oxy/LPG gases.
Display packed.



BOSS 1/2 (13mm) Mixer

Part No. 400008
13mm mixing chamber for use with standard torch handle, suitable for Oxy/Acetylene & Oxy/LPG gases. Connects superheating barrel to standard torch handle.
Display packed.



WELDING TIPS

BOSS Heating Tip Type 551 – Size 8 x 12

Part No. 400020
Attaches directly to 3/8" mixer. For use with Acetylene gas.
Display packed.





WELDING TIPS

BOSS Oxy/Acetylene Welding Tips – Type 551

Size	Plate thickness(mm)	Pressure Oxy(kPa)	Pressure Acet(kPa)	Part No.
6	1.2	50	50	400014
8	2.0	50	50	400015
10	2.3	50	50	400016
12	3.2–4.0	50	50	400017
15	5.0–6.5	50	50	400018
20	8.2–10.0	50	50	400019

Display packed.



BOSS Oxy/LPG Welding Tips – Type 554

Size	Plate thickness(mm)	Pressure Oxy(kPa)	Pressure Acet(kPa)	Part No.
8	2.0	50	50	400022
10	2.3	50	50	400023
12	3.2–4.0	50	50	400024
15	5.0–6.5	50	50	400025
20	8.2–10.0	50	50	400026

Display packed.



CUTTING NOZZLES

BOSS Type 41 Acetylene – Standard Speed

Size	Plate thickness(mm)	Fuel gas flow(kPa)	Oxy gas flow/pressure @ 100kPa	Part No.
6	1–5	2	11(200)	400030
8	5–10	3.5	20(200)	400031
12	10–20	4	38(200)	400032
15	20–50	7	75(350)	400033
20	50–80	9	134(400)	400034
24	150–200	12.5	232(500)	400035
32	225–300	20	420(600)	400036

Display packed.



BOSS Type 44 LPG – Standard Speed

Size	Plate thickness(mm)	Fuel gas flow(kPa)	Oxy gas flow/pressure @ 100kPa	Part No.
6	3–6	2	17(200)	400039
8	6–12	3.5	30(200)	400040
12	12–20	4.5	58(250)	400041
15	25–75	5.5	99(400)	400042
20	100–125	6.5	171(400)	400043
24	150–200	9	256(500)	400044
32	225–300	14	456(600)	400045

Display packed.





CUTTING NOZZLES

BOSS 3 Seat Acetylene – Standard Speed

Size	Plate thickness(mm)	Part No.
00	5	400079
0	5–10	400080
1	10–15	400081
2	15–30	400082
3	30–40	400083
4	40–50	400084
5	50–100	400085
6	100–150	400086

Display packed.

BOSS 3 Seat LPG – Standard Speed

Size	Plate thickness(mm)	Part No.
00	5	400099
0	5–10	400100
1	10–15	400101
2	15–30	400102
3	30–40	400103
4	40–50	400104
5	50–100	400105
6	100–150	400106

Display packed.



GOUGING NOZZLES

BOSS Type 41 Oxy/Acetylene – Bent

Size	Fuel gas flow l/min @ 100kPa	Total oxygen flow & pressure l/min @ 100kPa	Part No.
32GB	15	61(500)	400060
48GB	18	85(600)	400061

Display packed.

BOSS Type 44 LPG – Straight

Size	Fuel gas flow l/min @ 100kPa	Total oxygen flow & pressure l/min @ 100kPa	Part No.
32GS	12	94(500)	400070
32GB	12	94(500)	400071
48GB	13	120(600)	400072

Display packed.



ROLLER GUIDES

Tanjant Roller Guide

Part No. 4TJ1602
Suits all Type 41/44.

Tanjant Circle Cutting Guide

Part No. 4TJ1083
Suits all Type 41/44.

Tanjant Complete Accessory Kit

Part No. 4GP3001
Tanjant complete accessory kit includes: Circle cutting guide, roller guide, magnetic pivot, bevel attachment, radius bar & pivot, stabiliser, fasteners & an instruction book all in a sturdy plastic carry case. Suits all Type 41/44.

BOSS Roller Guide Circle Cutter

Part No. 400350
Handy guide for making straight & bevelled cuts using robust wheels for consistent distance of plates.





HOSE ASSEMBLIES

BOSS Twin Hose Assembly

AS1335-1995

Blue/Red (Oxy/Acetylene) rubber hose with 5mm inside diameter. Ready cut lengths complete with 5/8" brass fittings. Conforms to Australian Standard.

Length	Ctn	Type	Part No.
5mt	20/ctn	Oxy/Acet	400174
10mt	10/ctn	Oxy/Acet	400175
15mt	5/ctn	Oxy/Acet	400176
5mt	20/ctn	Oxy/LPG	400177
10mt	10/ctn	Oxy/LPG	400178
15mt	5/ctn	Oxy/LPG	400179



Retractable Twin Hose Assembly

Encased in heavy duty polypropylene casing, retractable hose assemblies keep the work area safe & tidy. Comes complete with fittings.

Length	Dia	Type	Part No.
20mt	10mm	Air	400180
15mt	5mm	Oxy/Acet	400181
15mt	5mm	Oxy/LPG	400182



BULK RUBBER HOSE

Single Hose 5mm

Rubber hose with 5mm inside diameter. Conforms to Australian Standard. 10mm available on request.

Type	Part No.
LPG-Orange	400165
Acet-Red	400170
Oxy-Blue	400171

Mtr/100 mtr rolls.



Twin Hose 5mm

Twin rubber hose with 5mm inside diameter. Conforms to Australian Standard. 10mm available on request.

Type	Part No.
Oxy & Acet	400172
Oxy & LPG	400173

Mtr/100 mtr rolls.



HOSE FITTINGS

Screw-in Hose Connectors

Screw type connector suitable for 5mm inside diameter hose.

Type	Part No.
BOSS LP112 – RH (Oxygen)	400190
BOSS LP240 – LH (Fuel)	400191

Display packed.



Crimp Hose Connector Kits

Type	Part No.
BOSS Oxy kit RH (Oxy) for 5mm	400197
BOSS Acet kit LH (Fuel) for 5mm	400198
BOSS Oxy kit RH (Oxy) for 10mm	400199
BOSS Acet kit LH (Fuel) for 10mm	400200

Display packed.



Nuts & Tails

Type	Part No.
BOSS 5/8" RH Nut (Oxygen)	400201
BOSS 5/8" LH Nut (Fuel)	400202
BOSS Tail/Nipple 5mm	400203
BOSS Tail/Nipple 10mm	400204



Crimp on Hose Clamps

Type	Part No.
Hose clamp 7/9mm	NCVA.FS.7.9
Hose clamp 9/11mm	NCVA.FS.9.11
Hose clamp 11/13mm	NCVA.FS.11.13
Hose clamp 13/15mm	NCVA.FS.13.15
Hose clamp 15/18mm	NCVA.FS.15.18





HOSE FITTINGS

Hose Joiners

Type	Part No.
LP265 Hose joiner	400192
WB34 Joiner RH 5/8 (Oxygen)	400193
WB35 Joiner LH 5/8 (Fuel)	400194
R121 "Y" Connector RH (Oxygen)	400195
R125 "Y" Connector LH (Fuel)	400196

Display packed.



Barb Kits

Type	Part No.
BOSS 5mm Double ended barb kit	400188
BOSS 10mm Double ended barb kit	400189



ACCESSORIES

BOSS Tip Cleaners

Housed in a sturdy metal case, these wires remove carbon build up & loose slag from Type 41 Acetylene & Type 44 LPG nozzles & tips. The long tip cleaner is suitable for 3 seat tips.

Type	Part No.
Short 71mm	400140
Long 100mm	400141

Display packed.



BOSS Spark Lighter Single Flint

The cup type lighter allows for fast, easy ignition. Flint is replaceable.

Type	Pkt	Part No.
Spark lighter single flint	10pce/pkt	400142
Replacement flints	10pce/pkt	400143

Display packed.



BOSS Spark Lighter Triple Flint

Ergonomic design, hard wearing file & rigid arm allows for faster ignition. Flints can be rotated & are replaceable.

Type	Pkt	Part No.
Spark lighter triple flint		400145
Replacement flints	4pce/pkt	400146

Display packed.





ACCESSORIES

BOSS Cylinder Key

Part No. 400148
For use with industrial gas cylinders.



BOSS Combination Spanner

Part No. 400149
Handy spanner for fitting regulators, torches & nozzles.



BOSS 1/2 (13mm) Mixer

Part No. 400008
13mm mixing chamber for use with standard torch handle, suitable for Oxy/Acetylene & Oxy/LPG gases. Connects superheating barrel to standard torch handle.
Display packed.



SUPERHEATING EQUIPMENT

Superheating Barrel

Part No. 400220
Connects directly onto 13mm mixer for using superheating tips – 450mm long.



Superheating Tips

Size	Gas	Heat output MJ/hr	Pressure (kPa)		Flow – LPM		Part No.
			Oxy	Fuel	Oxy	Fuel	
8x12	Acet	180	150	100	45-58	41-55	400225
12x12	Acet	215	200	100	74	65	400226
18x12	LPG	280	500	100	200	50	400227
36x12	LPG	420	600	100	300	75	400228
48x12	LPG	560	600	100	400	100	400229





GAS TROLLEYS

BOSS Cylinder Trolley "D" size

Part No. 400150

Securely holds two gas cylinders with a holding chain. Sturdy, solid rubber wheels allow for easy maneuverability.



BOSS Cylinder Trolley "E" size

Part No. 400151

Securely holds two gas cylinders with a holding chain. Sturdy, solid rubber wheels allow for easy manoeuvrability.



GAS TROLLEYS

BOSS Cylinder Trolley "G" size

Part No. 400152

Securely holds two gas cylinders with a holding chain. Sturdy, solid rubber wheels allow for easy manoeuvrability.



BOSS Cylinder Trolley "G" size with 200mm "Pump up" Tyres

Part No. 400152P

Securely holds two gas cylinders with a holding chain. "Pump up" tyres (200mm) allow for easy use on rough terrain.





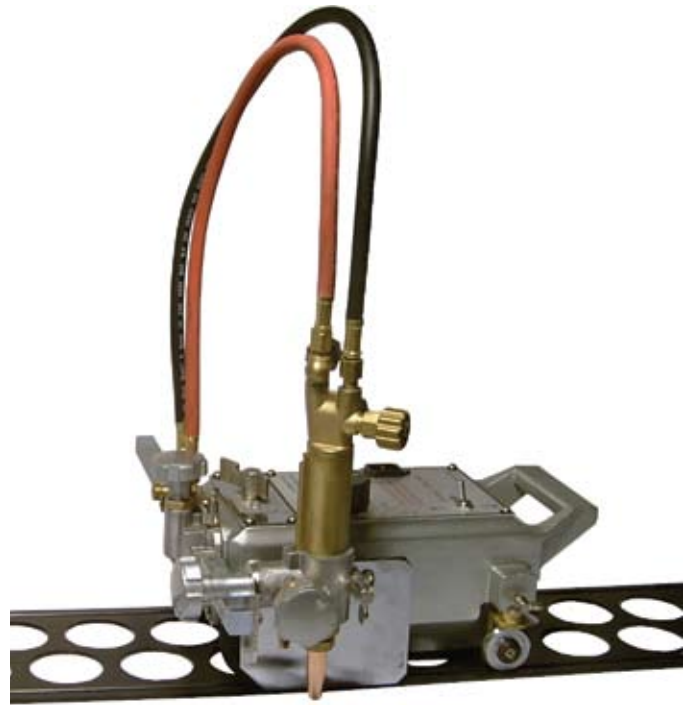
FLAME CUTTING MACHINES

BOSS Plate Cutter with 1.8mt Rail

Part No. 4CG30

This plate cutter is capable of cutting thicknesses of 5mm to 50mm. Complete with a 1.8mt rail & LPG cutting tips. Can cut straight lines, bevels & circles. Weighing 10Kg, this machine has an adjustable speed control & fan cooling system. 1.8mt rail also available separately. Multiple rails can be interlocked to create any required cutting length. Heavy duty model cuts up to 250mm. See below for cutting tips.

Type	Part No.
Plate cutter with 1.8mt rail	4CG30
Two head with rail	4CG30-II
Heavy duty two head with rail	4CG100
Rail – 1.8mt	4CG-R



FLAME CUTTING MACHINES

BOSS Pipe Cutter with Chain

Part No. 4SG-30

This pipe cutter is able to cut through pipes with a thickness of up to 50mm & a diameter of 100mm to 600mm. Simple to use, this machine can cut both straight & bevel edges & adjusts easily to accommodate differing pipe diameters. Weighing just 9Kg, it comes complete with chain & cutting tips. Accessories: additional 3mt chain.

Type	Part No.
Pipe cutter with chain	4SG-30
Chain (3mt to suit 4SG-30)	4SG-30C



TIPS TO SUIT FLAME CUTTING MACHINES

BOSS 3 Seat Acetylene – Standard Speed

Size	Plate thickness(mm)	Part No.
00	5	400079
0	5-10	400080
1	10-15	400081
2	15-30	400082
3	30-40	400083
4	40-50	400084
5	50-100	400085
6	100-150	400086

Display packed.

BOSS 3 Seat LPG – Standard Speed

Size	Plate thickness(mm)	Part No.
00	5	400099
0	5-10	400100
1	10-15	400101
2	15-30	400102
3	30-40	400103
4	40-50	400104
5	50-100	400105
6	100-150	400106

Display packed.

