

# PNA

A close-up photograph of a welder wearing a mask and gloves, using a MIG torch to weld a metal component. The scene is illuminated with a strong blue light, and a shower of bright orange sparks is visible from the welding point. The background is dark, emphasizing the intense light of the weld.

The Parweld PNA MIG torch range has been designed to improve functionality, durability and operator productivity.

The design allows for rapid adjustment by rotating the neck to any angle, and the handle system offers the user comfort and easy access.

The PNA torch incorporates rotating necks and compact handles for superior accessibility.

## UNCOMPROMISING ENDURANCE

# KEY FEATURES

## SWAN NECKS

Viton high temperature insulated neck offering improved life.

## HANDLE

Maximises user comfort.  
Designed for balance, lightness and strength.  
Enhances wire feeding performance.

## KNUCKLE JOINT

Improved manoeuvrability.  
Small movements of the handle and neck are possible independently of the cable assembly.

## CONTACT TIPS

Manufactured using a harder and higher conductivity copper alloy than the OEM.

## HYPERFLEX™ CABLE SYSTEMS

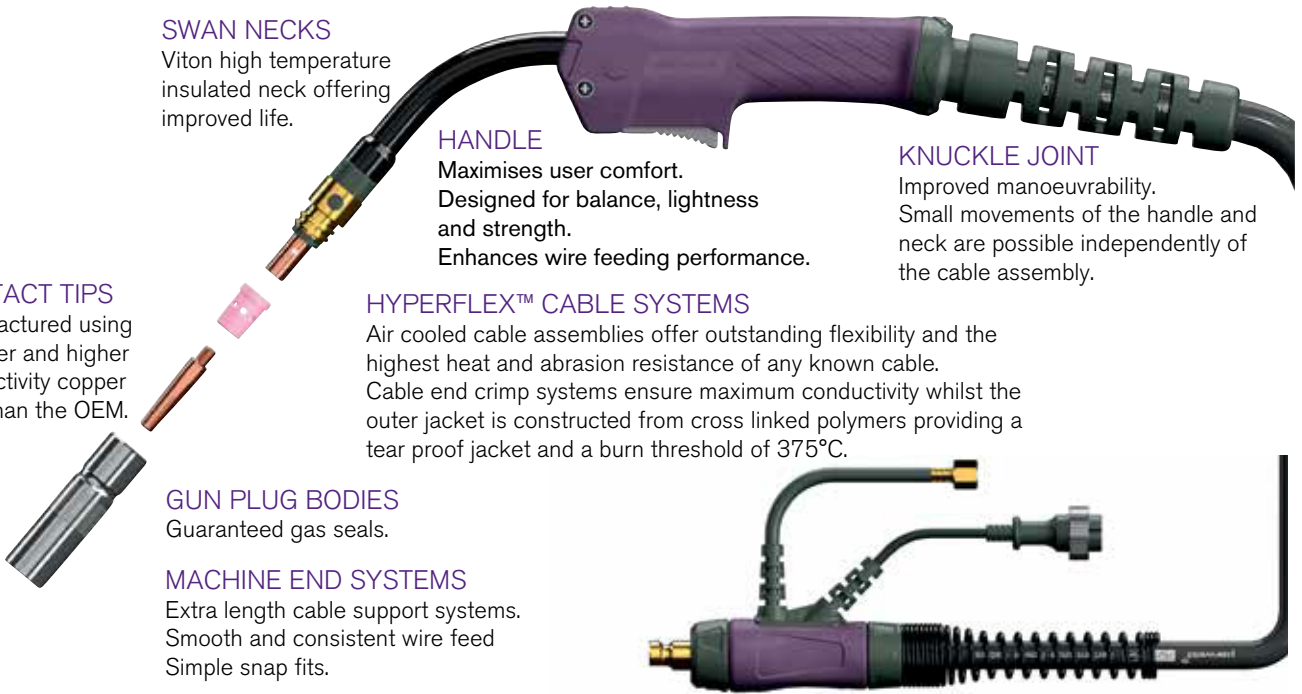
Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable.  
Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C.

## GUN PLUG BODIES

Guaranteed gas seals.

## MACHINE END SYSTEMS

Extra length cable support systems.  
Smooth and consistent wire feed  
Simple snap fits.



		PNA 350A	PNA 500A
STOCK CODE	3M	YT-35CS3	YT-50CS3
	4.5M	YT-35CSM3	YT-50CSM3
	6M	YT-35CSL3	YT-50CSL3
COOLING	Air		Air
RATING	350A CO <sub>2</sub> 300A Mixed Gas @ 60%		500A CO <sub>2</sub> 450A Mixed Gas @ 60%
WIRE SIZE	0.8mm-1.6mm (.030" - 1/16")		1.0mm-1.6mm (.040" - 1/16")

## PNA LINERS

		STOCK CODE	LENGTH	WIRE SIZE	APPLICATION	PNA 350A	PNA 500A
Steel (S121)	A	TDT90001	3m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
		TDT90002	4.5m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
		TDT90003	6m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
Steel (S161)		TDT90004	3m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	
		TDT90005	4.5m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	
		TDT90006	6m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	



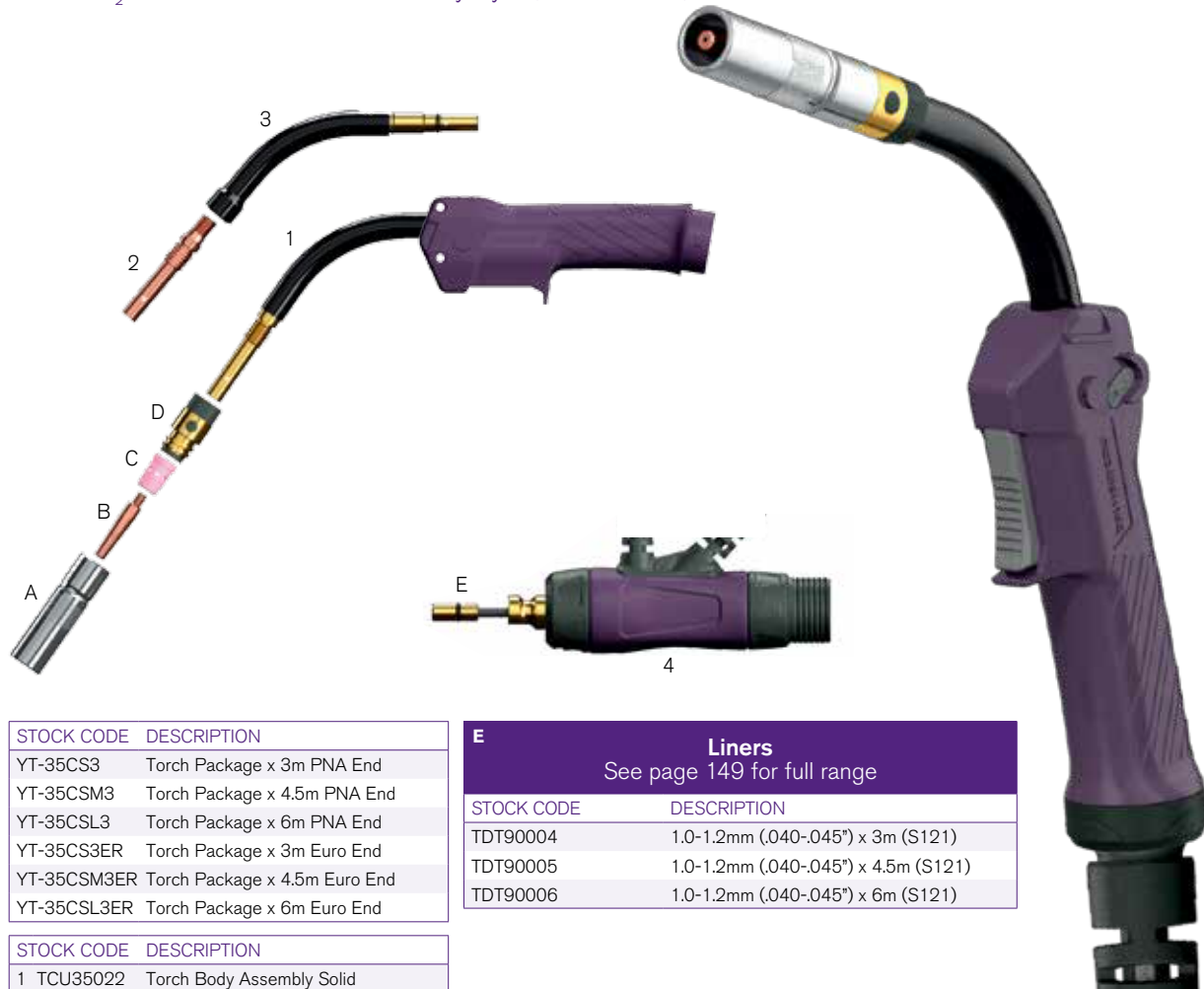
■ Solid Box = Recommended Liner



# PNA 350A

AIR COOLED MIG TORCH

350A CO<sub>2</sub> 300A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.6mm (.030"-1/16") Wires



STOCK CODE	DESCRIPTION
YT-35CS3	Torch Package x 3m PNA End
YT-35CSM3	Torch Package x 4.5m PNA End
YT-35CSL3	Torch Package x 6m PNA End
YT-35CS3ER	Torch Package x 3m Euro End
YT-35CSM3ER	Torch Package x 4.5m Euro End
YT-35CSL3ER	Torch Package x 6m Euro End

STOCK CODE	DESCRIPTION
1 TCU35022	Torch Body Assembly Solid
2 TEB35116	Tip Adaptor Screw On
3 TCU35002	Torch Body Screw On Adaptor Type
4 TSMH0019	PNA Termination Housing c/w Nut

E Liners See page 149 for full range	
STOCK CODE	DESCRIPTION
TDT90004	1.0-1.2mm (.040-.045") x 3m (S121)
TDT90005	1.0-1.2mm (.040-.045") x 4.5m (S121)
TDT90006	1.0-1.2mm (.040-.045") x 6m (S121)

**Nozzle**

**A**

STOCK CODE	BORE
TGN00038	16mm (5/8")

**Contact Tips**

**B**

STOCK CODE	WIRE SIZE	MATERIAL
TET00844	0.8mm (.030")	CuCrZr
TET01072	1.0mm (.040")	CuCrZr
TET12010	1.2mm (.045")	CuCrZr

**Gas Diffuser**

**C**

STOCK CODE
TGR01001

**Insulator**

**D**

STOCK CODE
TFZ35101

\* Denotes standard build

**ROLL MARKING**

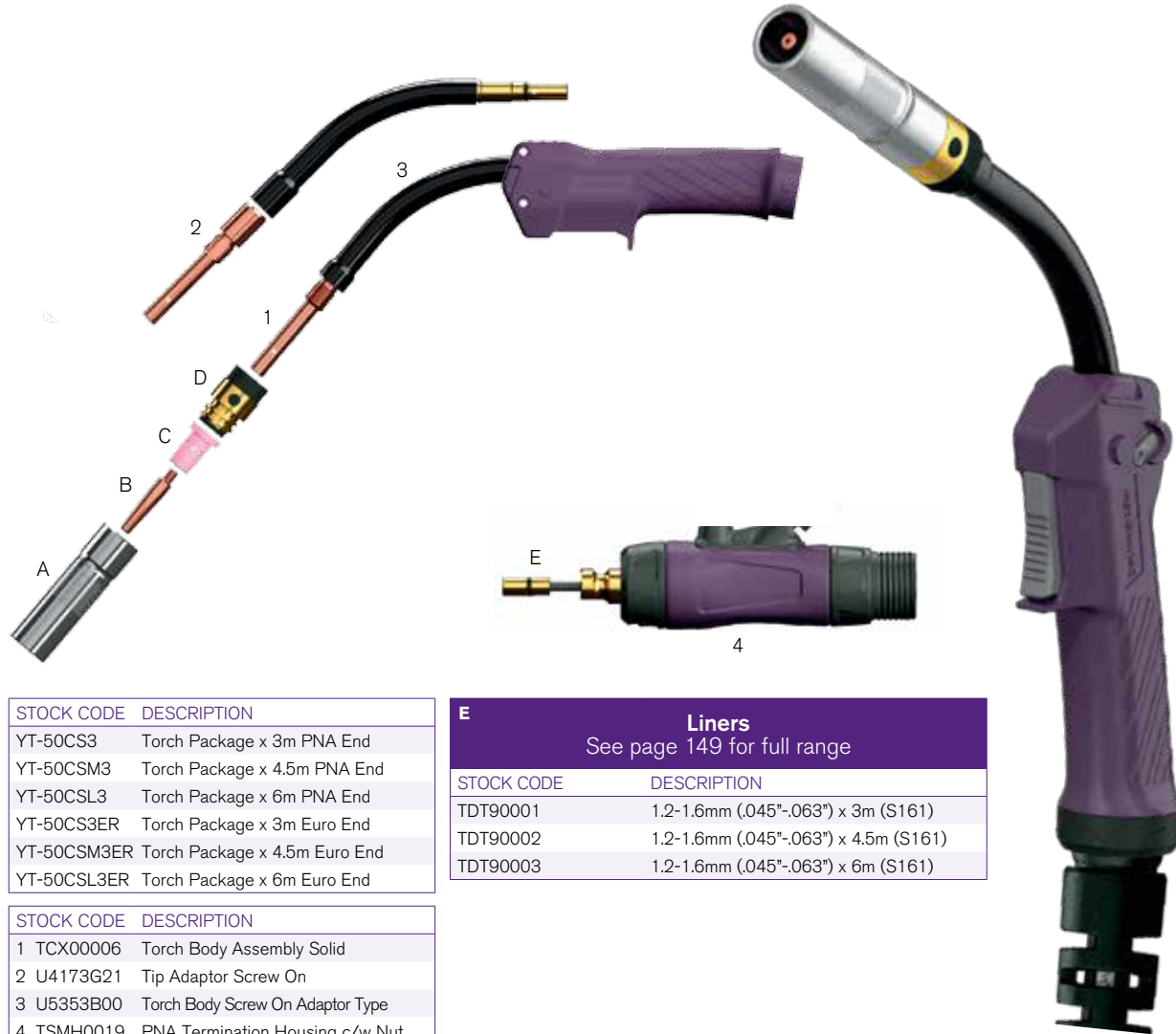
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



# PNA 500A

AIR COOLED MIG TORCH

500A CO<sub>2</sub> 450A mixed gas @ 60% Duty Cycle, EN60974-7, 1.0mm-1.6mm (.040"-1/16") Wires



STOCK CODE	DESCRIPTION
YT-50CS3	Torch Package x 3m PNA End
YT-50CSM3	Torch Package x 4.5m PNA End
YT-50CSL3	Torch Package x 6m PNA End
YT-50CS3ER	Torch Package x 3m Euro End
YT-50CSM3ER	Torch Package x 4.5m Euro End
YT-50CSL3ER	Torch Package x 6m Euro End

STOCK CODE	DESCRIPTION
1 TCX00006	Torch Body Assembly Solid
2 U4173G21	Tip Adaptor Screw On
3 U5353B00	Torch Body Screw On Adaptor Type
4 TSMH0019	PNA Termination Housing c/w Nut

E Liners See page 149 for full range	
STOCK CODE	DESCRIPTION
TDT90001	1.2-1.6mm (.045"-.063") x 3m (S161)
TDT90002	1.2-1.6mm (.045"-.063") x 4.5m (S161)
TDT90003	1.2-1.6mm (.045"-.063") x 6m (S161)

**Nozzle**

**A**

STOCK CODE	BORE
TGN00050	19mm (3/4")

**Contact Tips**

**B**

STOCK CODE	WIRE SIZE	MATERIAL
TET00842	0.8mm (.030")	CuCrZr
TET01068	1.0mm (.040")	CuCrZr
TET01297	1.2mm (.045")	CuCrZr

**Gas Diffuser**

**C**

STOCK CODE
TGR00902

**Insulator**

**D**

STOCK CODE
TFZ50107

\* Denotes standard build

**ROLL MARKING**

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