

# WTT2 9 WTT2 17 WTT2 26

# Instructions for safety, use and maintenance

### Ergonomic Range \_

WTT2	4 m	8 m		
9 EB S	W000278877	W000278929	1	
17 EB S	W000278881	W000278920		T
26 EB S	W000278886	W000278916	EB	S
9 EB C5B	W000278875	-	0	
17 EB C5B	W000278882	W000278919		
26 EB C5B	W000278887	W000278915	M	
17 EB S/C5B FLEX	W000382782	W000382783	g	
26 EB S/C5B FLEX	W000382784	W000382785	EB	C5B

### Safety instructions

We thank you for your trust in our company by purchasing this equipment which will provide you with complete satisfaction if you comply with its conditions for use and maintenance.

CAUTION: The company declines all responsibility in case of modification, addition of components or subassemblies, or any transformation of the equipment carried out by the customer or a thirdparty, without prior specific written agreement from the company.

Arc welding and plasma cutting may be dangerous for the operator and persons close to the work area. Read the operating manual and safety instructions W000261712. See <u>www.weldline.eu</u>.

#### A) Maintenance / Troubleshooting

Before any internal verifications and repair work, make sure that the equipment is separated from the electric installation by electrical isolation (by electrical isolation is meant a group of operations designed to separate and keep the equipment de-energized).

At least every six months, you must check the proper condition of the insulation and connections of the electric equipment and accessories such as plugs, flexible wires, ducts, connectors, extension leads, partholders, electrode-holders, or torches...

Maintenance and repair work on the jackets and insulating ducts must be carried out extremely carefully.

Have defective parts repaired by a specialist, or better still, have them replaced.

Routinely check the proper tightening and cleanliness of the electric connections.

#### B) Work-station

Use only electrode holders and torches which are perfectly insulated.

The operator must be insulated from the ground-surface and the workpiece (gloves, safety shoes, dry clothes, leather apron, and so forth...).

Do not touch the electrode wire and the part (or the nozzle) simultaneously.

#### French lever range

WTT2	4 m	8 m		
9 RL S	W000278878	W000278923	/	
17 RL S	W000278883	W000278918		7
26 RL S	W000278888	W000278914	RL	S
9 RL C5B	W000278879	W000278922	/	
17 RL C5B	W000278884	W000278917	A	
26 RL C5B	W000278890	W000278913	RL	C5B

#### C) Protection

It is absolutely essential that your protect your eyes from blinding glare (glare of arc invisible light and infrared and ultraviolet radiation).

The welding mask, without or with helmet, must always be equipped with a protective filter whose gradation depends on the welding arc current intensity (EN 169 Standard).

Fumes emitted during welding operations may be dangerous. Use adequate protection means (fumes extraction, ventiled masks...)

## Technical data \_

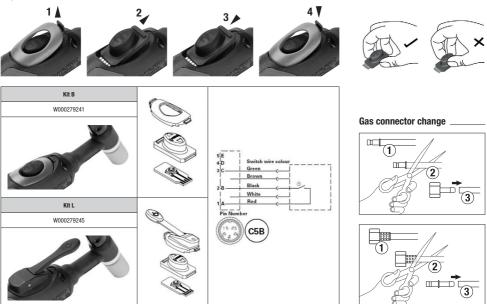
TIG manual torch with natural cooling

WTT2		9	17	26		
Curent	Duty cycle 35%	110 A	135 A	180 A		
Curent	Duty cycle 60%	80 A	100 A	130 A		
Light alloy welding,	reduce the duty cy	rcle about 30%				
Voltage class		L - 113 V				
Gas flow		Mini : 7 I/mn - Maxi : 13 I/mn				
Using electrodes		Ø 1.0 / 3.2 mm	Ø 1.0 / 3.2 mm	Ø 1.0 / 4.0 mm		
	Back Cap	Long	Long	Long		
Origin equipment fitted	васк сар	Long	Long	Long		
to the torch	Nozzle	Ø 10 mm	Ø 10 mm	Ø 12 mm		
	Electrode	Ø 1.6 L	Ø 2.0 L	Ø 2.4 L		



# Trigger simple commands \_

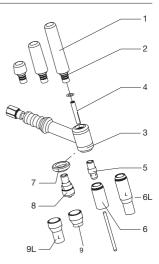
Simplified maintenance.



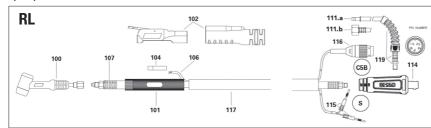
### Wear parts \_

REP     WTT2 9     WTT2 12     0     Wear parts       1     W000306398     W000306393     //     Short back cap       1     W000306400     //     //     Medium back cap       2     W000306402     W000306403     //     Back cap       3     W000306404     W000306405     //     Back cap       4     W000306404     W000306411     1.0       7     W000306408     W000306412     1.6       7     W000306401     W000306415     2.0       7     W000306401     W000306416     2.0       7     W000306410     W000306416     2.0       7     W000306410     W000306416     2.0       7     W00030637     W00030632     2.4       W000306378     W000306332     2.4       W000306417     W000306332     2.4       W000306417     W00030633     3.2       7     W000306417     W00030642     4.0       W000306417     W00030642     4.0       W000306417					
1     W000306400     /     //     Medium back cap       2     W000306402     W000306403     //     Long back cap       3     W000306404     W000306405     //     Back cap       3     W000306404     W000306405     //     Back cap       4     W000306404     W000306405     1/     Back cap       5     W000306404     W000306411     1.0       W000306407     W000306413     2.0        W000306409     W000306414     2.4        W000306407     W000306416     3.0        //     W000306378     W00030638     1.0       W000306379     W000306383     1.6        W000306479     W000306383     3.2        //     W000306379     W000306383     3.2       //     W000306425     W000306428     4.0       W000306419     W000306428     6.4       W000306419     W000306425     8.0       W000306419     W000306425     8.0	REP	WTT2 9		Ø	Wear parts
Woodserver     Woodserver       Woodserver     Woodserver     Long back cap       Woodserver     Woodserver     Long back cap       Woodserver     Woodserver     Sealing ring       Woodserver     Woodserver     Long back cap       Woodserver     Woodserver     Long back cap       /     Woodserver     Long back cap       /     Woodserver     Long back cap       // Woodserver     Woodserver     Long ba		W000306398	W000306399	//	Short back cap
2     W000306404     W000306405     //     Back cap       3     W000306396     W000306405     //     Back cap       4     W000306406     W000306407     1.0     Sealing ring       4     W000306406     W000306411     1.0        4     W000306407     W000306413     2.0        1     W000306401     W000306413     2.0        1     W000306401     W000306413     2.0        1     W000306401     W000306313     2.0        1     W000306376     W000306303     1.0        1     W000306377     W00030633     1.0        1     W000306475     W000306423     2.4        1     W000306475     W000306423     2.4        1     W000306475     W000306423     2.4        1     W000306414     W000306424     8.0        1     W000306419     W000306425     1.6       W000306421	1	W000306400	/	//	Medium back cap
3     W000306396     W000306397     //     Sealing ring       4     W000306406     W000306411     1.0       W000306407     W000306412     1.6       W000306408     W000306413     2.0       W000306409     W000306414     2.4       W000306409     W000306415     3.2       //     W000306416     4.0       //     W000306378     W00030630     1.0       W000306377     W000306331     1.6       W000306455     W000306383     2.4       W000306477     W000306424     8.0       //     W000306428     8.0       //     W000306418     W000306424     8.0       W000306419     W000306425     16.0       W000306420     W000306425     1.6       W000306421     W000306426     1.2       W000306421     W000306425     1.6       W000306421     W000306425     1.6		W000306402	W000306403	//	Long back cap
W000306406     W000306411     1.0       W000306407     W000306412     1.6       W000306408     W000306413     2.0       W000306409     W000306413     2.0       W000306410     W000306415     3.2       /     W000306416     4.0       W000306377     W000306380     1.0       W000306378     W000306382     2.4       W000306379     W000306333     2.2       /     W000306333     2.0       /     W000306333     2.4       /     W000306419     W000306425       /     W000306425     8.6       W000306419     W000306425     9.6       W000306420     W000306425     9.6       W000306421     W000306425     9.6       W000306420     W000306425     9.6       W000306421     W000306425     9.6       W000306421     W000306425     1.2       W000306421     W000306425     9.6       W000306421     W000306425     1.2       W000306421     W000306425	2	W000306404	W000306405	//	Back cap
W000306407     W000306412     1.6       W000306408     W000306413     2.0       W000306409     W000306414     2.4       W000306409     W000306414     2.4       //     W000306415     3.2       //     W000306403     1.0       //     W000306370     W000306381     1.6       W000306379     W000306383     2.0       //     W000306379     W000306383     2.0       //     W000306417     W000306424     8.0       //     W000306418     W000306425     8.0       //     W000306418     W000306425     8.0       //     W000306418     W000306425     8.0       //     W000306419     W000306425     8.0       W000306419     W000306425     1.2     W002306421       W000306420     W000306425     1.2     W02306421       W000306421     W000306425     1.2     W02306421       W000306421     W000306425     1.2     W02306421       W000306422     W000306425     1.2 <td>3</td> <td>W000306396</td> <td>W000306397</td> <td>//</td> <td>Sealing ring</td>	3	W000306396	W000306397	//	Sealing ring
W000306408     W000306413     2.0       W000306409     W000306414     2.4       W000306409     W000306414     2.4       W000306409     W000306415     3.2       /     W00030630     1.0       W000306377     W000306380     1.6       W000306455     W000306382     2.4       W000306379     W000306334     4.0       W000306417     W000306333     3.2       //     W000306417     W000306425     6.4       W000306417     W000306428     6.4       W000306418     W000306426     1.2       //     W000306421     W000306427     Nozzle       W000306419     W000306427     1.2       W000306421     W000306427     1.2       W000306422     W000306427     1.2       W000306422     W000306427     1.2 <		W000306406	W000306411	1.0	
4     W000306409     W000306414     2.4       W000306401     W000306415     3.2       /     W000306376     W000306300     1.0       W000306377     W000306301     1.6       W000306378     W000306331     1.6       W000306378     W00030632     2.4       W000306455     W000306383     3.2       //     W000306452     W000306382     3.4       W000306471     W000306424     8.0       W000306418     W000306425     9.6       W000306419     W000306425     9.6       W000306420     W000306426     1.1       W000306421     W000306425     16.0		W000306407	W000306412	1.6	
W000306409     W000306414     2.4       W000306400     W000306416     3.2       /     W000306370     W000306380     1.0       W000306370     W000306381     1.6     M000306415     3.2       //     W000306370     W000306381     1.6     M000306370     M000306383     3.2       //     W000306379     W000306383     3.2     ////////////////////////////////////		W000306408	W000306413	2.0	Collet
V000306416     4.0       //     W000306376     W000306380     1.0       W000306377     W000206381     1.6       W000306375     W00027078     2.0       //     W000306379     W000306383     3.2       //     W000306379     W000306383     4.0       //     W000306417     W000306424     8.0       W000306419     W000306425     9.6       W000306420     W000306425     1.2       W000306421     W000306425     1.2       W000306420     W000306425     1.2       W000306421     W000306425     1.2       W000306422     W000306425     1.2	4	W000306409	W000306414	2.4	GOILEL
W000306376     W000306380     1.0       W000306377     W000306381     1.6       W000306378     W000270781     2.0       W000306379     W000306382     2.4       W000306379     W000306384     4.0       W000306417     W000306384     4.0       W000306417     W000306423     6.4       W000306418     W000306424     8.0       W000306419     W000306425     9.6       W000306420     W000306426     1.2       W000306421     W000306427     12.8       W000306422     W000306427     12.8       W000306422     W000306424     16.0		W000306410	W000306415	3.2	
W000306377     W000306381     1.6       W000306378     W000306381     2.0       W000306455     W000306382     2.4       W000306455     W000306383     3.2       /     W00030645     W000306423       /     W000306417     W000306423       W000306417     W000306424     8.0       W000306418     W000306425     9.6       W000306419     W000306426     1.2       W000306421     W000306427     12.8       W000306421     W000306427     12.8       W000306422     W000306427     12.8		/	W000306416	4.0	
W000306378     W000270781     2.0       W000306455     W000306382     2.4       //     W000306379     W000306383     3.2       //     W000306424     4.0       //     W000306424     6.4       //     W000306424     8.0       //     W000306424     8.0       //     W000306425     9.6       //     W000306426     1.1.2       //     W000306427     12.8       //     W000306427     12.8       //     W000306428     16.0		W000306376	W000306380	1.0	
5     W000306455     W000306332     2.4       W000306455     W000306333     3.2       /     W000306471     W000306423     6.4       W000306417     W000306423     6.4       W000306418     W000306425     9.6       W000306420     W000306426     1.2       W000306421     W000306426     1.2       W000306421     W000306422     1.2       W000306422     W000306422     1.2		W000306377	W000306381	1.6	
W000306455     W000306320     2.4       W000306379     W000306383     3.2       /     W000306344     4.0       W000306417     W000306428     6.4       W000306418     W000306424     8.0       W000306419     W000306426     9.6       W000306421     W000306426     11.2       W000306421     W000306427     12.8       W000306422     W000306426     11.2	-	W000306378	W000270781	2.0	Collet body
/     W000306384     4.0       W000306417     W000306423     6.4       W000306418     W000306424     8.0       W000306419     W0000306425     9.6       6     W000306420     W000306426     11.2       W000306421     W000306427     12.8       W000306422     W000306428     16.0	5	W000306455	W000306382	2.4	Collet Douy
W000306417     W000306423     6.4       W000306418     W000306424     8.0       W000306419     W000306425     9.6       6     W000306420     W000306426     11.2       W000306421     W000306427     12.8       W000306422     W000306427     12.8       W000306422     W000306428     16.0		W000306379	W000306383	3.2	
W000306418     W000306424     8.0       W000306419     W000306425     9.6       M000306420     W000306426     11.2       W000306421     W000306427     12.8       W000306422     W000306428     16.0		/	W000306384	4.0	
W000306419     W000306425     9.6       6     W000306420     W000306426     11.2       W000306421     W000306427     12.8       W000306422     W000306428     16.0		W000306417	W000306423	6.4	
6 W000306420 W000306426 11.2 Nozzle W000306421 W000306427 12.8 W000306422 W000306428 16.0		W000306418	W000306424	8.0	
W000306421     W000306427     12.8       W000306422     W000306428     16.0		W000306419	W000306425	9.6	
W000306422 W000306428 16.0	6	W000306420	W000306426	11.2	Nozzle
		W000306421	W000306427	12.8	
/ W000306461 19.2		W000306422	W000306428	16.0	
		/	W000306461	19.2	

REP	WTT2 9	WTT2 17 WTT2 26	Ø	Wear parts	
	W000306456	/	4.8		
	W000306457	W000306462	6.4	1	
6L	W000306458	W000306463	8.0	Long Nozzle	
	W000306459	W000306464	9.6		
	/	W000306465	11.2	1	
7	/	W000306466	//	Gas Lens sealing ring	
	W000306385	W000306389	1.0		
	W000306386	W000306390	1.6		
8	W000306460	/	2.0	Gas Lens	
8	W000306387	W000306391	2.4	collet body	
	W000306388	W000306392	3.2		
	/	W000306393	4.0		
	W000306429	W000306434	6.4		
	/	W000306435	8.0	1	
9	W000306431	W000306436	9.6	Gas Lens nozzle	
9	W000306432	W000306437	11.2	Gas Lens nozzie	
	W000306433	W000306438	12.8	1	
		W000306438	16.0	1	
	/	W000306467	8.0		
91	/	W000306468	9.6	Long Gas Lens	
9L	/	W000306469	11.2	nozzle	
	/	W000306470	12.8	1	

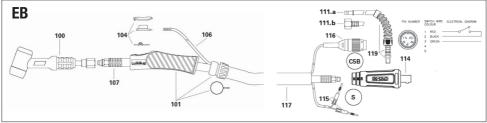


#### Spare parts RL



Rep	Item number	WTT	Spare parts	[	Rep	Item number	w	п	Spare parts		Rep	Item number	WTT	Spare parts
	W000306471	9			104	W000279233	9-17	-26	Microswitch	ĺ	111.b	W000270829	9-17-26	Female connection M12x1
100	W000306492	17	Torch body	[	106	W000352104	9-17	-26	Trigger cable 2 wires	ĺ	114	W000279266	9-17-26	Gas S connection
	W000306497	26				W000279268	9-17	4 m		ſ	115	W000270832	S	Trigger male connection
101	W000279230	9-17	RI handle		107	W000279269	9-17	8 m	Gas Power cable	[	116	W000270833	C5B	Plug 5 pins
101	W000279231	26	nic natione		107	W000279270	26	4 m	das rower cable		117	W000279284	9-17	Neoprene Sheath
102	W000279227	9-17	Switch box + Sleeve			W000279273	20	8 m			117	W000352112	26	Neuprene Sneath
102	W000279229	26	SWITCH DOX + SIEEVE		111.a	W000141831	9-17	-26	Quick connection gas	[	119	W000279422	9-17-26	Gas inlet pipe

### Spare parts EB



Rep	Item number	WTT	Spare parts
	W000306471	9	
100	W000306492	17	Torch body
	W000306497	26	
101	W000279263	9-17	FB handle
101	W000279264	26	ED Hallule
104	W000279241	9-17-26	Microswitch
106	W000279287	9-17-26	Trigger cable EB

Rep	Item number	w	Π	Spare parts
	W000279268	9-17	4 m	
107	W000279269	9-17	8 m	Gas Power cable
107	W000279270	26	4 m	Gas Power cable
	W000279273	20	8 m	
111.a	W000141831	9-17	-26	Quick connection gas
111.b	W000270829	9-17-26		Female connection M12x1
114	W000279266	9-17-26		Gas S connection

Rep	Item number	WTT	Spare parts
115	W000270832	9-17-26	Trigger male connection
116	W000270833	C5B	Plug 5 pins
117	W000279284	9-17	EPDM Sheath
117	W000352112	26	EPDW Sneath
119	W000279422	9-17-26	Gas inlet tube

#### Options \_

		L-L
Item number		1 Dana
W000306474	WTT 9F head	INA
W000306495	WTT 17F head	VIC
W000384993	WTT 26F head	AT .

5

#### Item number

W000141831	Quick connection Gas For connection to ancient power source, replacing the connection M12x100
W000270829	Female Connection M12x1

# EC Declaration of conformity

#### Manufacturer: LINCOLN ELECTRIC Europe

Hereby states that the manual welding torches WTT2 described in this manual are conforms to the provisions of the "Low Voltage" Directives (Directive 2006/S/CEE) and national legislation transposing it; and moreover declares that standards EN 60974-7 « Arc welding equipment. Part 7 "Torches" » have been applied. This statement also applies to versions of the aforementioned model.

This EC declaration of conformity guarantees that the equipment delivered complies with the legislations in force, if it is used in accordance with the enclosed instructions. Any different assembly or modification renders our certification void. It is therefore recommended that the manufacturer be consulted about any possible modification. Failing that, the company which makes the modifications should ensure the recertification. Should this occur, the new certification is not binding on us in any way whatsoever. This document should be transmitted to your technical or purchasing department for record purposes.

# **RoHS Declaration of conformity**

#### Manufacturer: LINCOLN ELECTRIC Europe

Hereby states that the manual welding torches WTT2 described in this manual are conforms to the DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 (RoHS) on the restriction of the use of certain hazardous substances in electrical and electronic equipment while the parts do not exceed the maximum concentrations of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated bipheryls (PBB) and polybrominated diphenyl ethers (PBDE), and 0.01% for cadmium, as required in Commission Decision 2005/618/EC of 18 August 2005.

