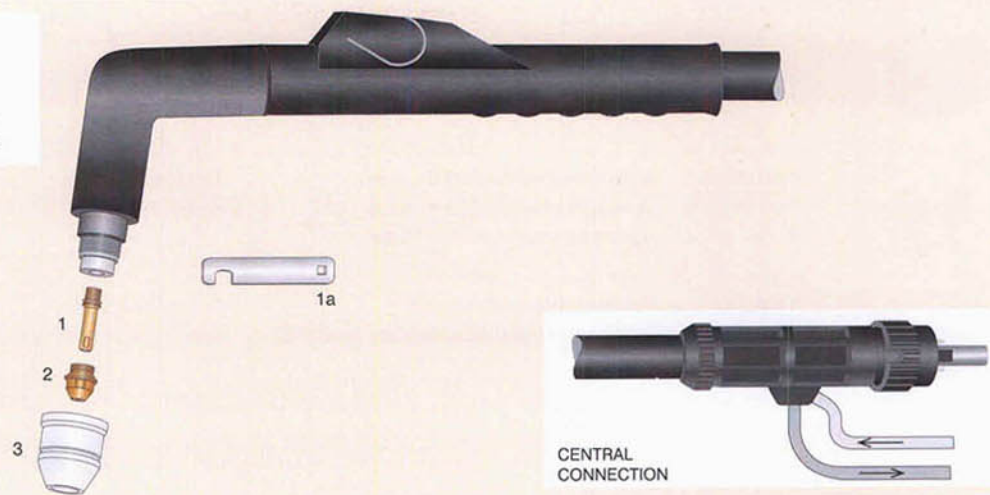




TECHNICAL DATA

Security system: electrical
Ignition: with pilot current and HF ignition
Cutting current: 120 Amp. - 100% duty cycle
Gas supply: clean, dry air at 4 bar - 50 lt./min.



ITEM	Part No	DESCRIPTION		ORIGINAL REF.	PACK
	PLE12H.6C	Torcia completa mt. 6 term. centralizz.	- Complete torch 6 Mts. Central connection	W0400038	
	PLE12H.12C	Torcia completa mt. 12 term. centralizz.	- Complete torch 12 Mts. Central connection	W0400039	
	PLT12H.06	Corpo torcia	- Torch head	W0300171	
	PLCE90.08T	Impugnatura completa di micro	- Handgrip complete with switch	W0300172	
	PLCHUN-02	1a Chiave	- Wrench for tip and electrode	W0300250	
1	PLE100H.01	Elettrodo Hf rame con O-ring	- Electrode with O-Ring	W0300160	10
2	PLE100H.02.08	Ugello rame Ø 0,8 mm. - 30A	- Tip Ø 0,8 mm. - 30A		10
	PLE100H.02.10	Ugello rame Ø 1,0 mm. - 50A	- Tip Ø 1,0 mm. - 50A	W0300164	10
	PLE100H.02.13	Ugello rame Ø 1,3 mm. - 70A	- Tip Ø 1,3 mm. - 70A	W0300165	10
	PLE100H.02.16	Ugello rame Ø 1,6 mm. - 120A	- Tip Ø 1,6 mm. - 120A	W0300161	10
	PLE100H.02.18	Ugello rame Ø 1,8 mm. - 150A	- Tip Ø 1,8 mm. - 150A		10
3	PLT12H.033	Ugello esterno ceramica	- Outside nozzle, ceramic	W0300167	10
	PLT12H.03T	Ugello esterno in vetroresina	- Outside nozzle	W0300265	10
	PLT12H.04	Distanziale a due punte	- Double pointed spacer	W0300246	10

MACHINE TORCH LINCOLN® EWS® - EX100 RF

ITEM	Part No	DESCRIPTION		ORIGINAL REF.	PACK
	PLE100H.6MC	Torcia macchina mt. 6 term. centralizz.	- Machine torch 6 Mts. Central connection	W0400040	
	PLE100H.12MC	Torcia macchina mt. 12 term. centralizz.	- Machine torch 12 Mts. Central connection	W0400041	
	PLT12.06M	Corpo torcia macchina	- Machine torch head	W0300169	
	PLTD52.08.M	Impugnatura torcia macchina	- Machine handle	W0300168	

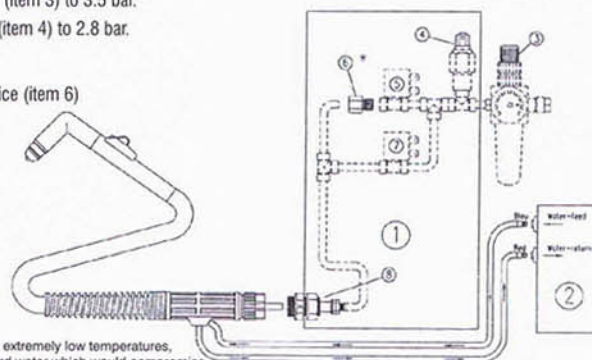
- Plasma cutting generator
- Cooling unit
- Pressure reducer - Adjust the pressure reducer (item 3) to 3.5 bar.
- Pressure switch - Adjust the pressure switch (item 4) to 2.8 bar.
- Solenoid valve ignition
- Limiting device - Fit the pressure limiting device (item 6)
- Solenoid valve
- Central adaptor

IMPORTANT!

This mixture not only maintains the fluidity of the coolant at extremely low temperatures, but also prevents the formation of chalky deposits from hard water which would compromise the life and good function of the torch. For this reason, you are advised to use antifreeze even during the summer.

WARNING!

Failure of coolant circulation will cause the torch to overheat resulting in damage to the head. Be very careful with the hallmarks, during the connection of the cooling tubes.
 - Blue hallmark: coolant supply
 - Red hallmark: coolant return



COOLING SYSTEM SPECIFICATIONS

LIQUID: Glycol - based antifreeze
PRESSURE REQUIRED: 3,5 bar
COOLANT QUANTITY REQUIRED: 2,2 - 2,5 lt./min.
 The coolant is obtained by mixing water (deionized only) with a glycol - based antifreeze, in quantities which depend on the ambient condition. To facilitate this operation, follow these indications:
 20% antifreeze when the ambient temperature is around - 10°C
 30% antifreeze when the ambient temperature is around - 20°C
 40% antifreeze when the ambient temperature is around - 30°C
 50% antifreeze when the ambient temperature is around - 40°C