

**PRODUCT:** KIT UNIVERSAL WELDING-CUTTING OX-AC 300MM.

**REFERENCE:** 103.00.440

### Construction characteristics:

<b>DESCRIPTION</b>	Equipment for medium and high performances. It contains all the necessary elements for welding and cutting with gases up to 300 mm.		
<b>GAS USED:</b>	OXYGEN-ACETYLENE		
<b>APPLICATION STANDARDS:</b>	UNE-EN-ISO-5172	<b>APPROVAL PASSWORD:</b>	NOT APPLICABLE
<b>APPLICATIONS:</b>	Professional boilerwork and bodywork jobs with large thicknesses and where high calorific powers are necessary. Specific equipment for high performances.		
<b>MATERIALS:</b>	ACCORDING TO EN 29.539		
<b>Handle</b>	BRASS CUZN39PB3	<b>Internal parts</b>	BRASS CUZN39PB3
<b>Adjustment wheels</b>	ANODISED ALUMINIUM	<b>Cutter</b>	BRASS CUZN39PB3
<b>Lances</b>	BRASS CUZN39PB3	<b>Nozzles</b>	COPPER

<b>INLET THREADS:</b>	G1/4"RH / G3/8"LH	<b>HOSE Ø</b>	Ø 6,3 - 8 mm.
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<b>HANDLE WEIGHT:</b>	<b>CONTAINER DIMENSIONS:</b>	<b>TORCH DIMENSIONS:</b>
655 grams		<b>L=</b> 210 mm.
<b>KIT WEIGHT:</b>		<b>H=</b> 75 mm.
3960 grams		<b>Ø=</b> 25 mm.

### Technical characteristics depending on welding nozzle:

Reference	Description	Thickness	Filler metal Ø	Welding pressures		Consumptions (L/h)	
				P <sub>acetylene</sub>	P <sub>oxygen</sub>	Q <sub>acetylene</sub>	Q <sub>oxygen</sub>
704.00.000	Welding lance nº 0	0,5-1	1 mm.	<0,2 bar	1-2 bar	55	120
704.00.100	Welding lance nº 1	1-2	2 mm.	<0,2 bar	2-3 bar	95	235
704.00.200	Welding lance nº 2	2-4	3 mm.	<0,2 bar	2,5-4 bar	240	590
704.00.300	Welding lance nº 3	4-6	4 mm.	<0,4 bar	3,5-5 bar	470	1060
704.00.400	Welding lance nº 4	6-9	5 mm.	<0,4 bar	4-7 bar	820	1880
704.00.500	Welding lance nº 5	9-14	6 mm.	<0,4 bar	4,5-8 bar	1020	2350
704.00.600	Welding lance nº 6	14-20	7 mm.	<0,5 bar	5,5-9 bar	1380	3530
704.00.700	Welding lance nº 7	20-30	8 mm.	<0,5 bar	6-12 bar	1560	3760

**Technical characteristics depending on welding nozzle:**

Inner nozzle reference	Description	Outer nozzle reference	Description	Cut thickness (mm.)	Welding pressures	
					P <sub>acetylene</sub>	P <sub>oxygen</sub>
701.19.201	Inner nozzle nº 1	701.19.101	Outer nozzle nº 1	3-12	<0,3	1-2 bar
701.19.202	Inner nozzle nº 2	701.19.102	Outer nozzle nº 2	15-25	<0,3	2-3 bar
701.19.203	Inner nozzle nº 3	701.19.103	Outer nozzle nº 3	25-30	<0,4	2,5-4 bar
701.19.204	Inner nozzle nº 4	701.19.103	Outer nozzle nº 3	30-50	<0,4	3,5-5 bar
701.19.205	Inner nozzle nº 5	701.19.103	Outer nozzle nº 3	50-100	<0,5	4-7 bar
701.19.206	Inner nozzle nº 6	701.19.104	Outer nozzle nº 4	100-150	<0,5	4,5-8 bar
701.19.207	Inner nozzle nº 7	701.19.104	Outer nozzle nº 4	150-200	<0,5	5,5-9 bar
701.19.208	Inner nozzle nº 8	701.19.104	Outer nozzle nº 4	200-300	<0,6	8-12 bar