



Профессиональные сварочные аппараты с использованием проволоки

MIG-MAG



TAB. 1

WELDING MACHINE TECHNICAL DATA - DATI TECNICI SALDATRICE -
 البيانات الفنية لآلة اللحام

MODELLO MODEL						
I ₂ max	230V	400V	230V	400V	mm ²	kg
350A	T35A	T20A	32A	32A	35	86.5
420A	T40A	T25A	63A	32A	50	108 (122 R.A.)
550A	T50A	T35A	63A	32A	70	173 (186 R.A.)

TAB. 2

MIG TORCH TECHNICAL DATA ACCORDING TO EN 60974-7 -
DATI TECNICI TORCIA MIG IN ACCORDO ALLA EN 60974-7 -
 البيانات الفنية لشعلة MIG المطابقة للتشریفات-7

MODELLO MODEL	CLASSE DI APPARTENENZA/CLASSIFICATION: 113V					
I ₂ max (A)	I max (A)	X (%)			Ø mm	
350	340	60	CO ₂	(Fe)	0.8 ÷ 1.6	
	320	60	Ar/CO ₂ Mix	(Al)	1 ÷ 1.6	
420 R.A.	300	100	CO ₂	(Fe)	0.8 ÷ 1.6	
	270	100	Ar/CO ₂ Mix	(Al)	1 ÷ 1.6	
550	380	60	CO ₂	(Fe)	1 ÷ 1.6	
	360	60	Ar/CO ₂ Mix	(Al)	1 ÷ 1.6	
550 R.A.	500	100	CO ₂	(Fe)	1 ÷ 2.4	
	450	100	Ar/CO ₂ Mix	(Al)	1 ÷ 1.6	

LEGENDA/KEY:

(Fe) = ACCIAIO STEEL	* = RAFFREDDAMENTO COOLING
(Al) = ALLUMINIO ALUMINIUM	= ARIA/GAS AIR/GAS
(Co) = FILO ANIMATO TUBULAR WIRE	= ACQUA WATER

TAB. 3

TECHNICAL DATA FOR THE WIRE FEEDER - DATI TECNICI ALIMENTATORE DI FILO -
 البيانات الفنية لمزود السلك

I ₂ max			SPEED m/min		
350A X=35%	S300 B300 BS300		(Fe) 0.6 ÷ 1.6*	max 4bar CO ₂ Ar Argon Mix	11.5
			(Al) 0.8 ÷ 1.2 (Co) 1 ÷ 1.6		
420A X=25%	18kg		(Fe) 0.6 ÷ 1.6	1 ÷ 20	13.5
			(Al) 0.8 ÷ 1.6 (Co) 1 ÷ 2.4		

(*) Con Ø = 1.6mm si consiglia l'uso di rullini per filo animato. Inoltre la velocità di avanzamento del filo può essere inferiore a quanto rappresentato sul display.
When using 1.6mm it is advisable to use flux wire rollers. Furthermore, the feeding speed of the wire can be lower in comparison with what represented on the display.



Questo alimentatore di filo può essere messo in funzione esclusivamente in abbinamento alla specifica saldatrice; è VIETATO l'utilizzo in modo autonomo.
This wire feeder is designed for use only and exclusively together with the specific welding machine and independent use is ABSOLUTELY PROHIBITED.

يمكن تشغيل مزود الطاقة للسلك هذا حسراً بالتوافق مع آلة اللحام النوعية؛ يُحظر استخدامه بشكلٍ منفرد.

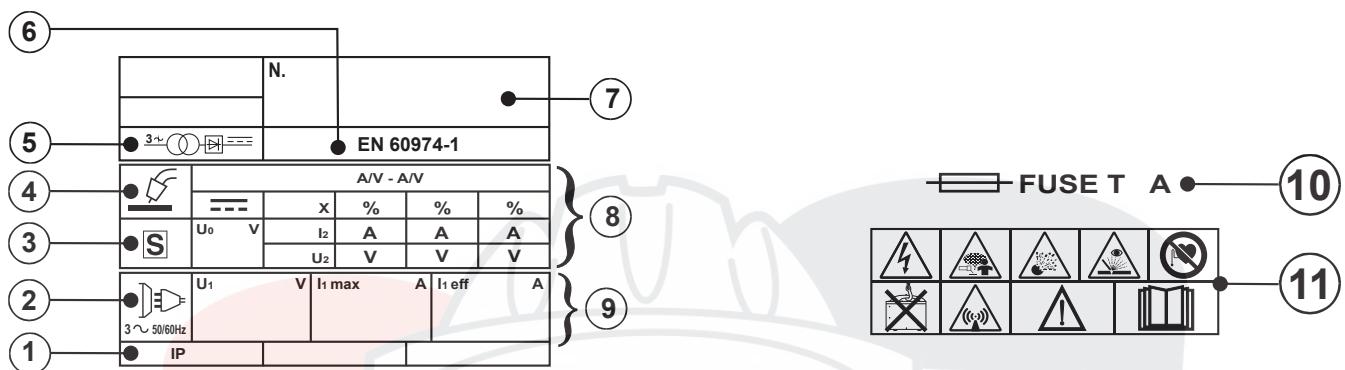
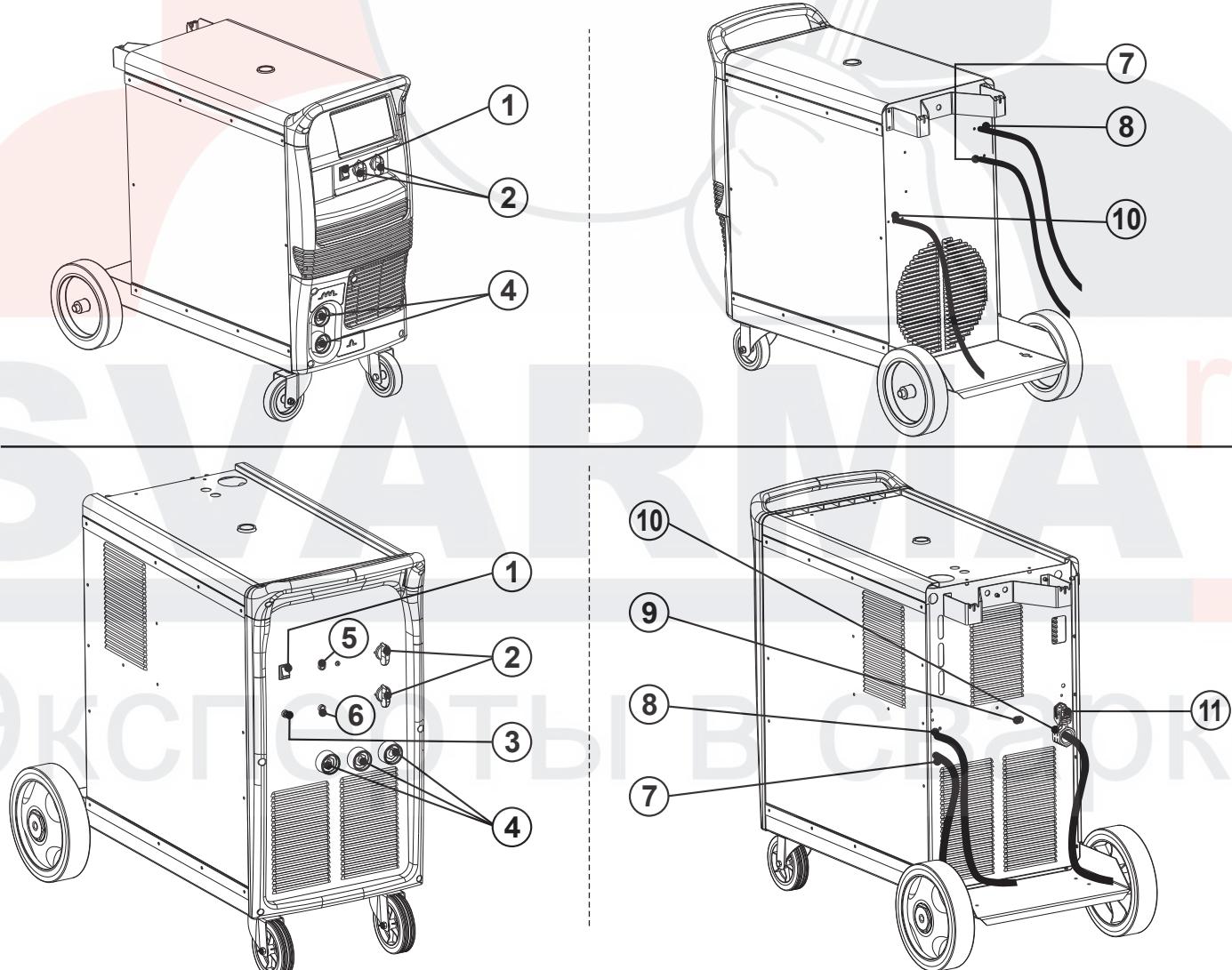
FIG. A**FIG. B**

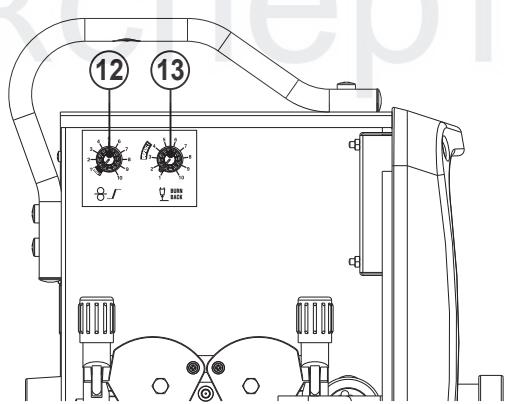
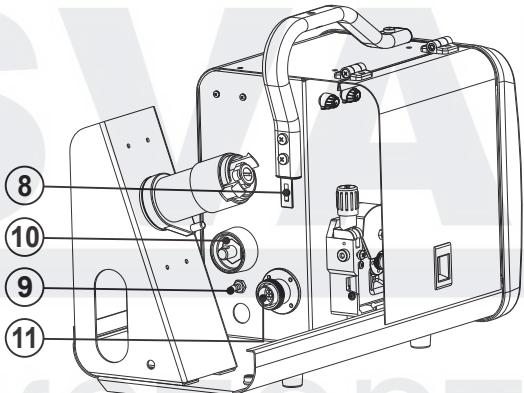
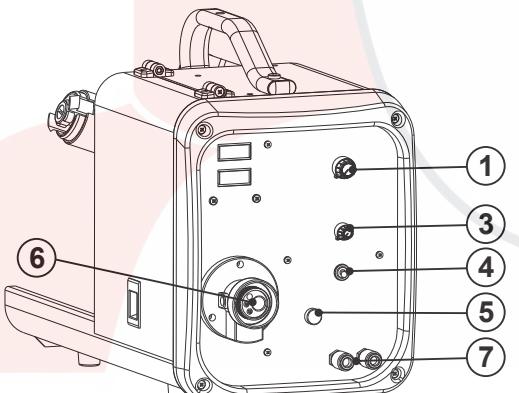
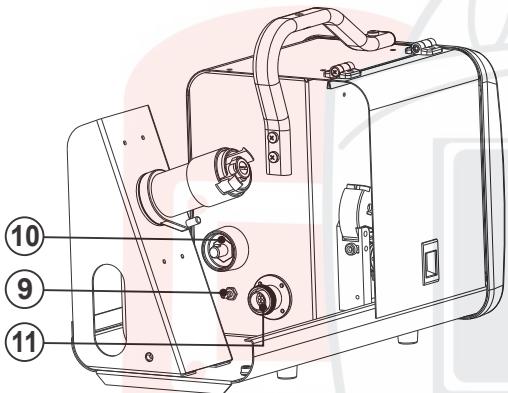
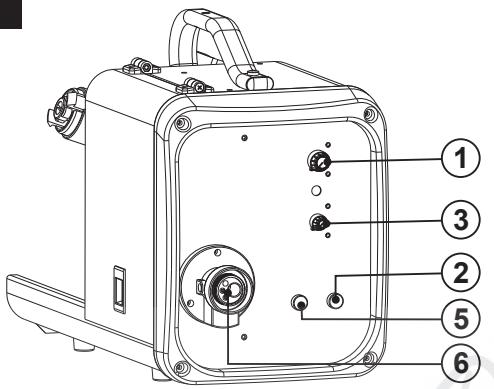
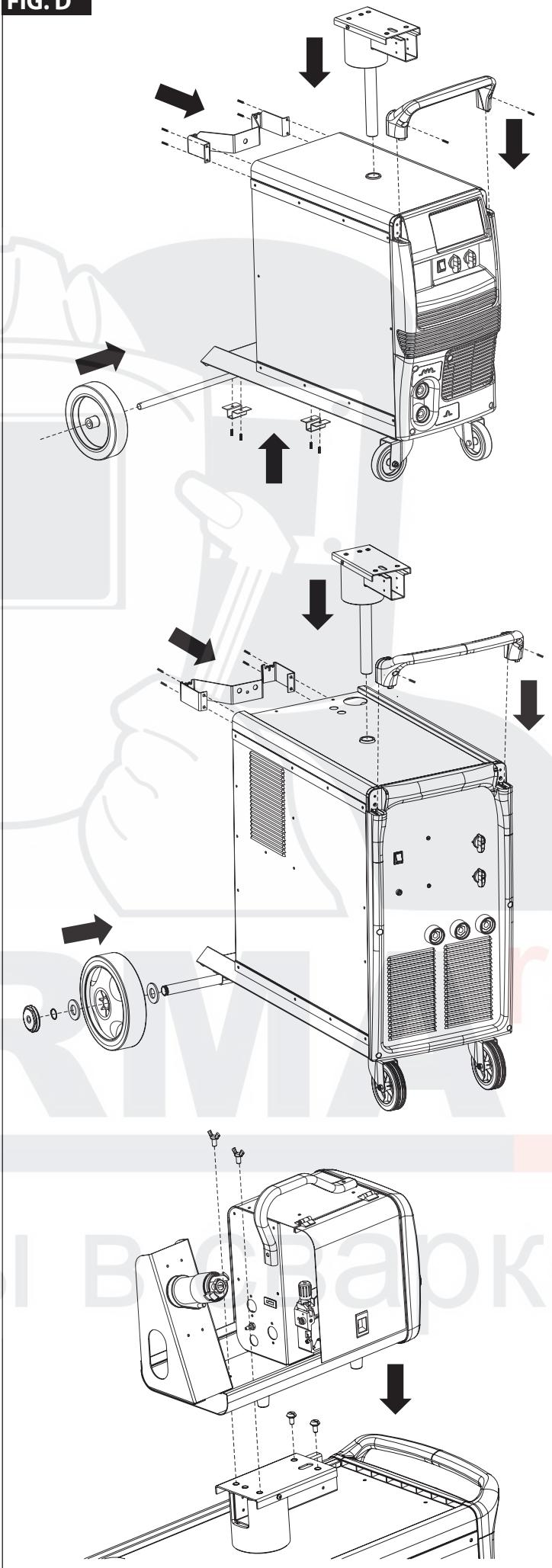
FIG. C**FIG. D**

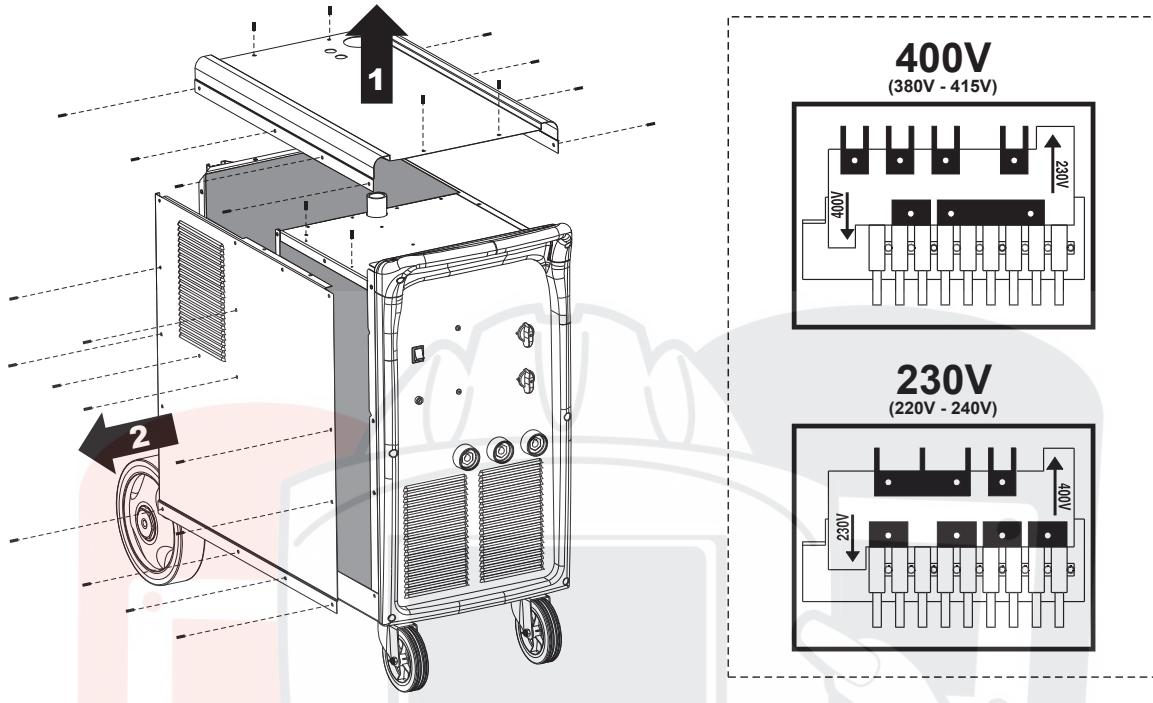
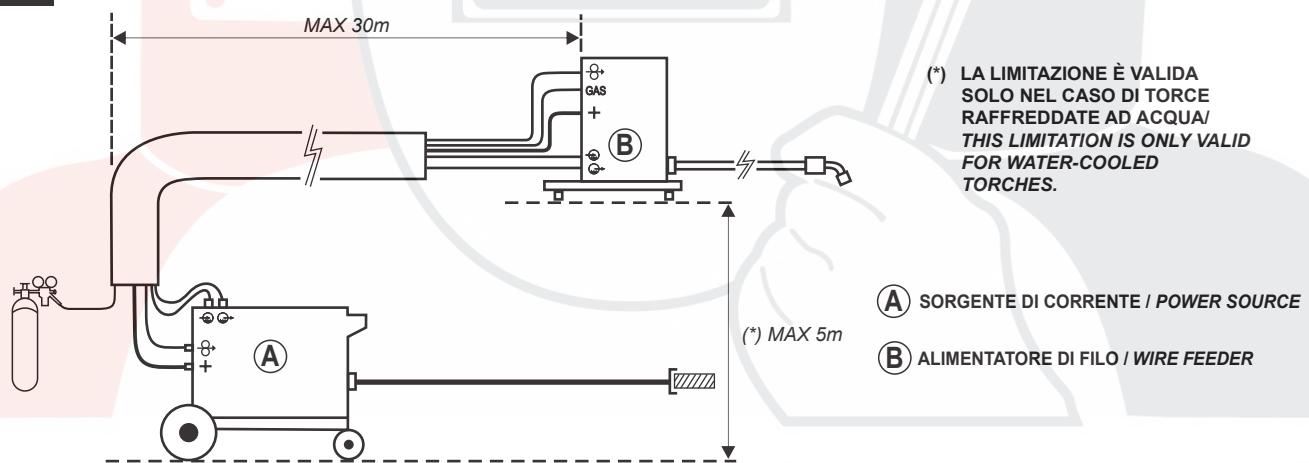
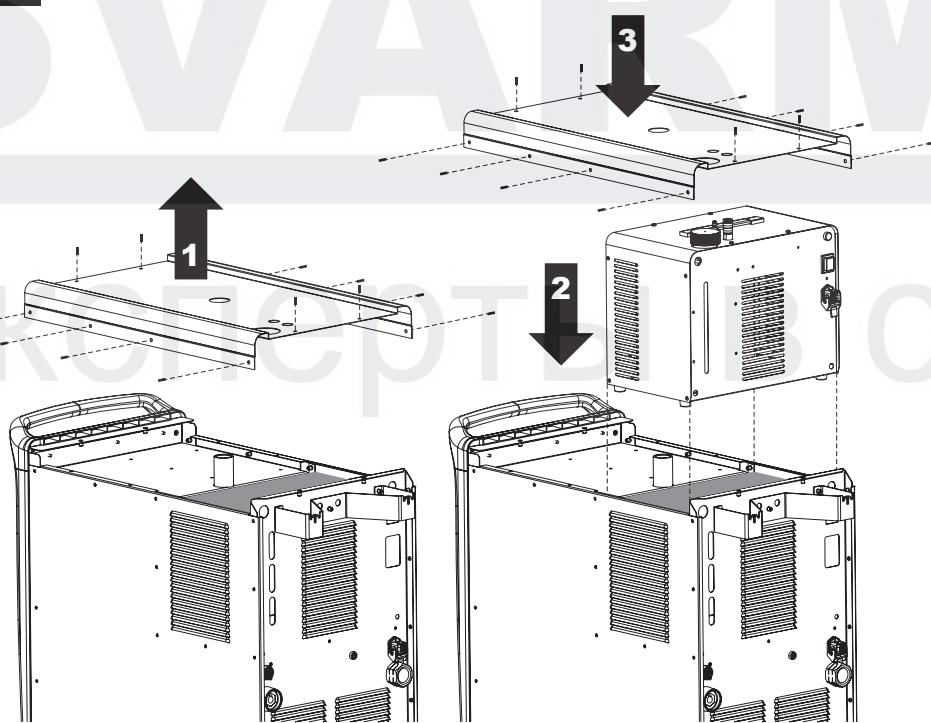
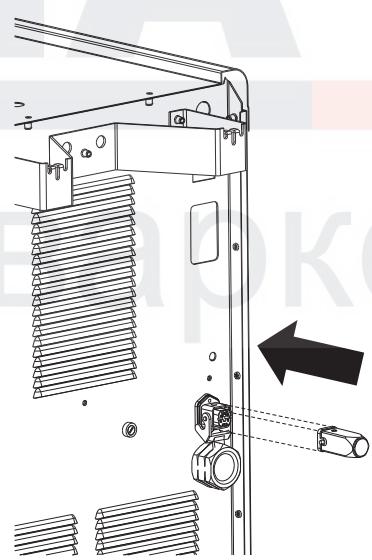
FIG. E**FIG. F****FIG. G1****FIG. G2**

FIG. H1

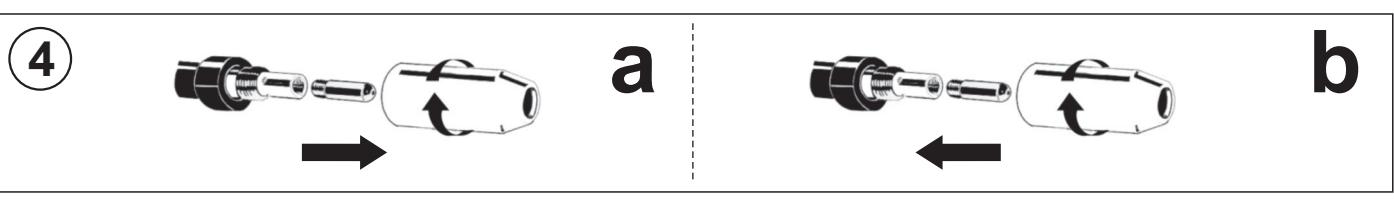
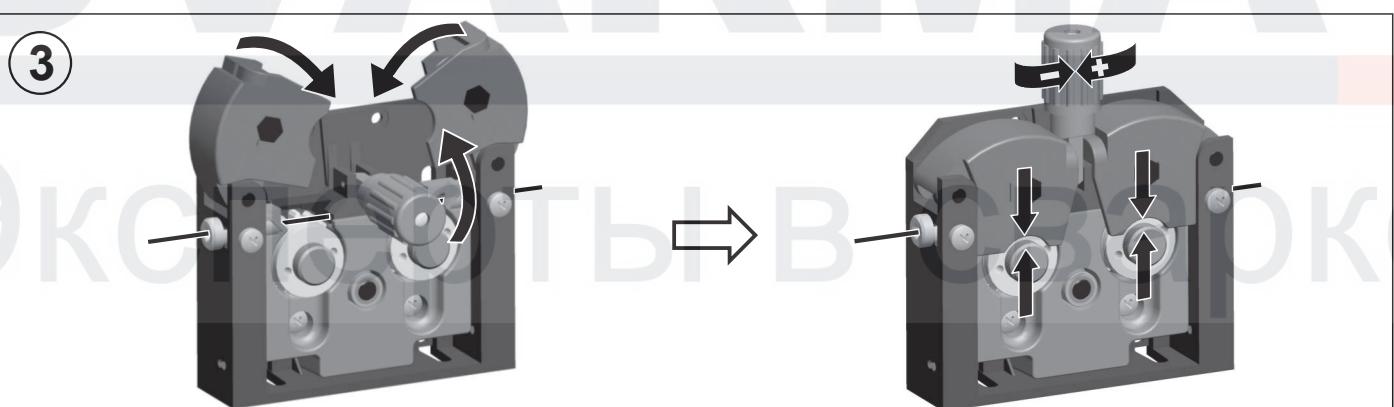
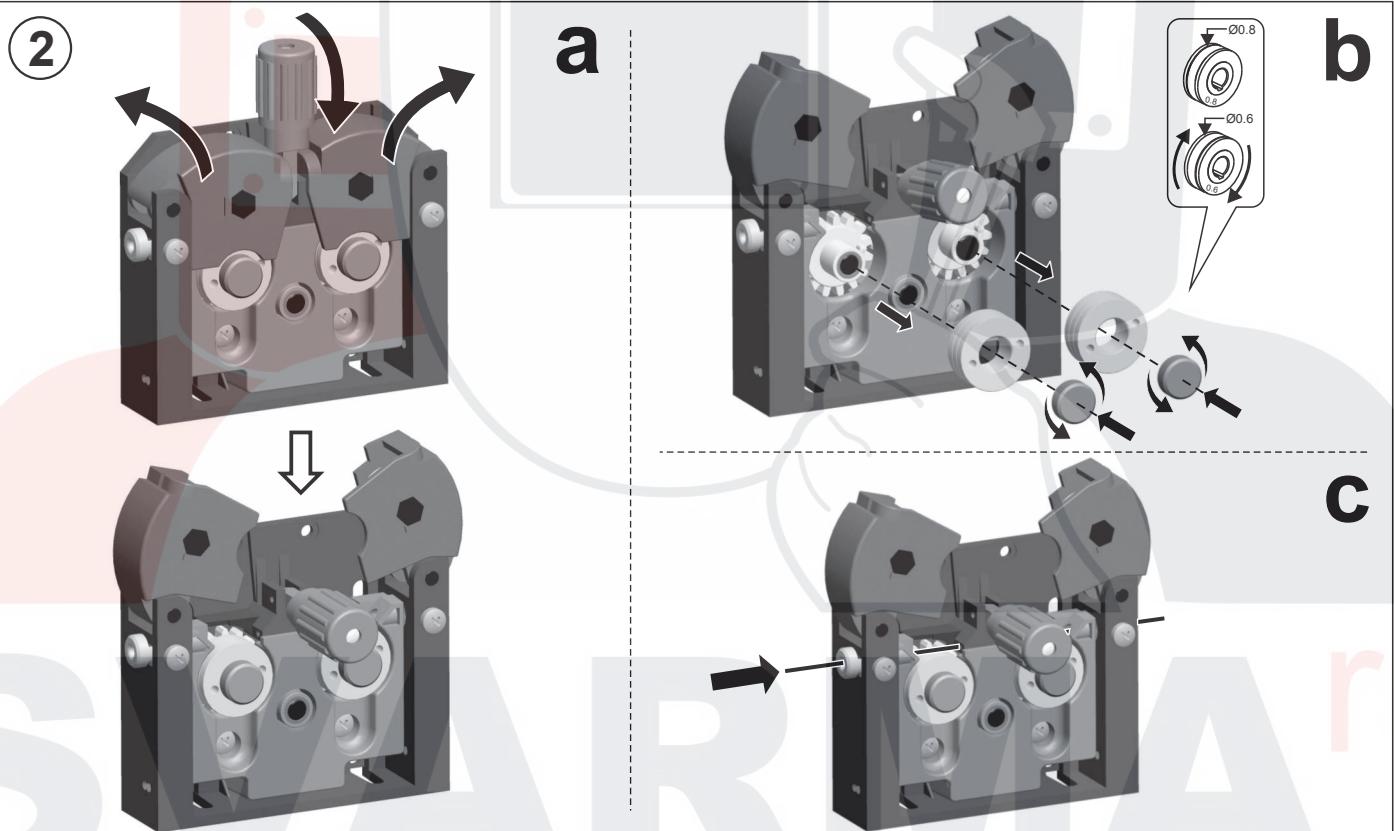
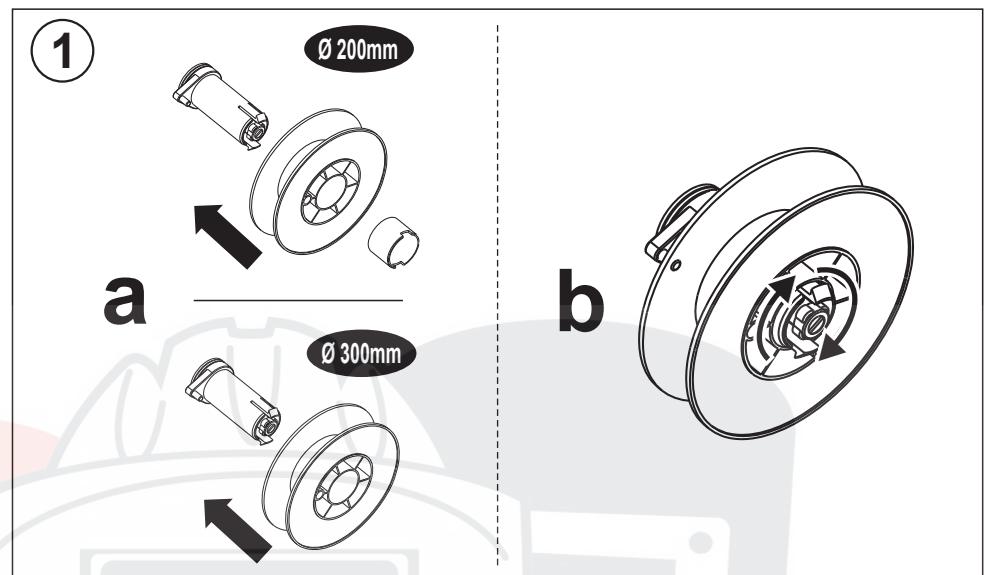


FIG. H2

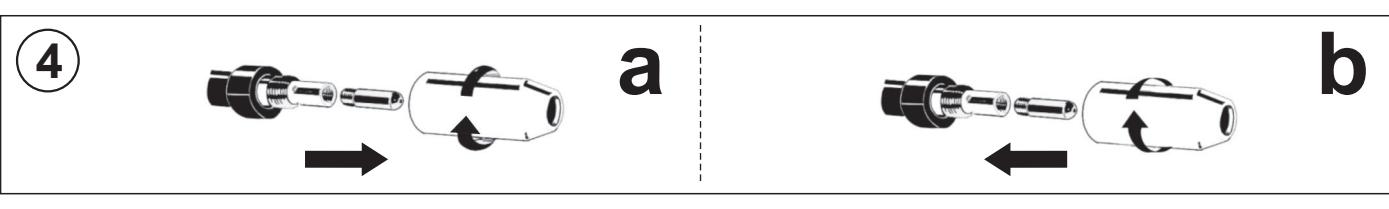
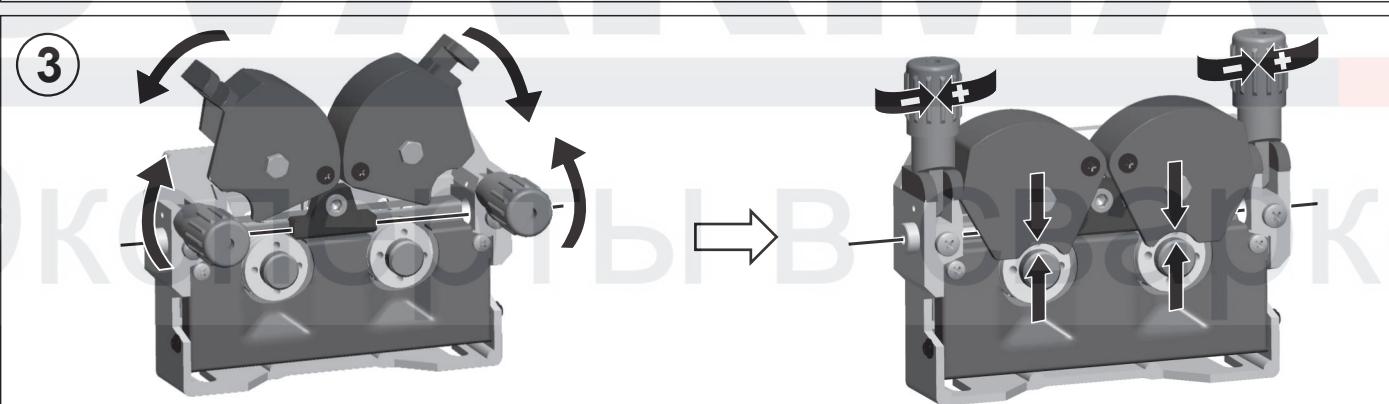
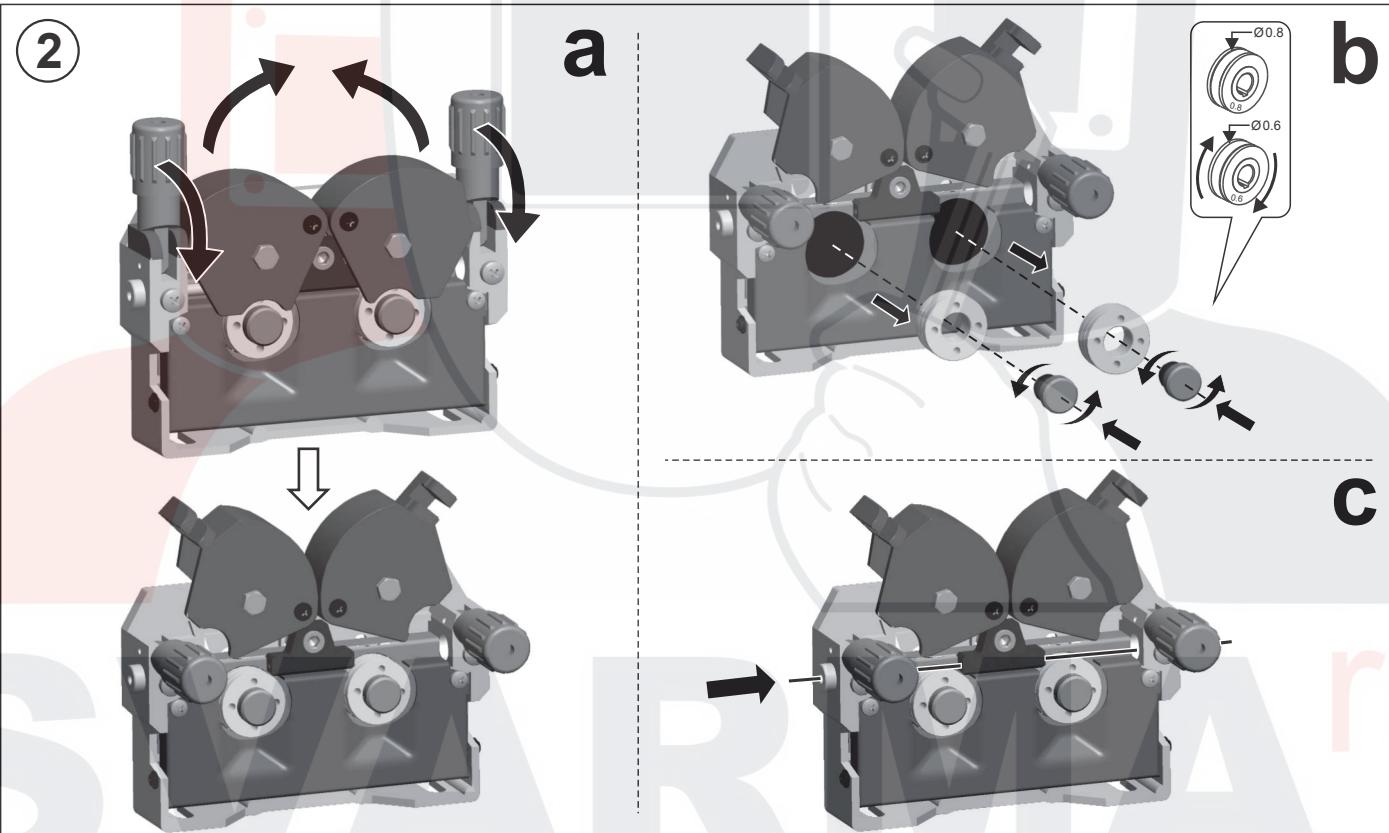
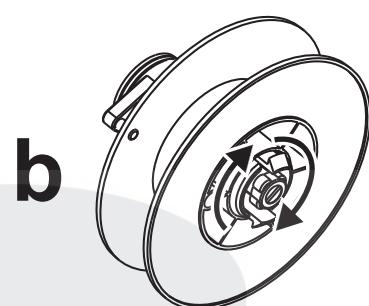
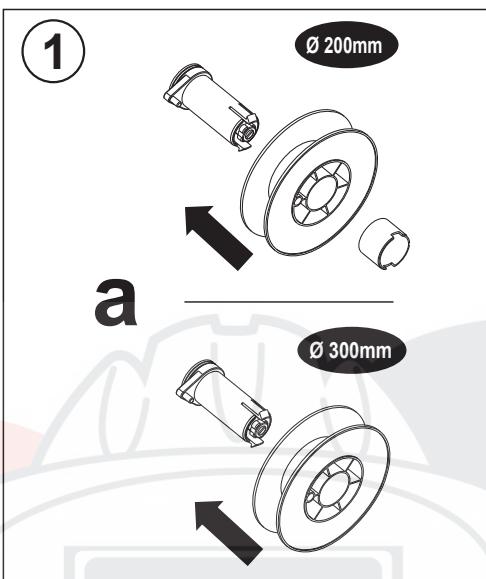
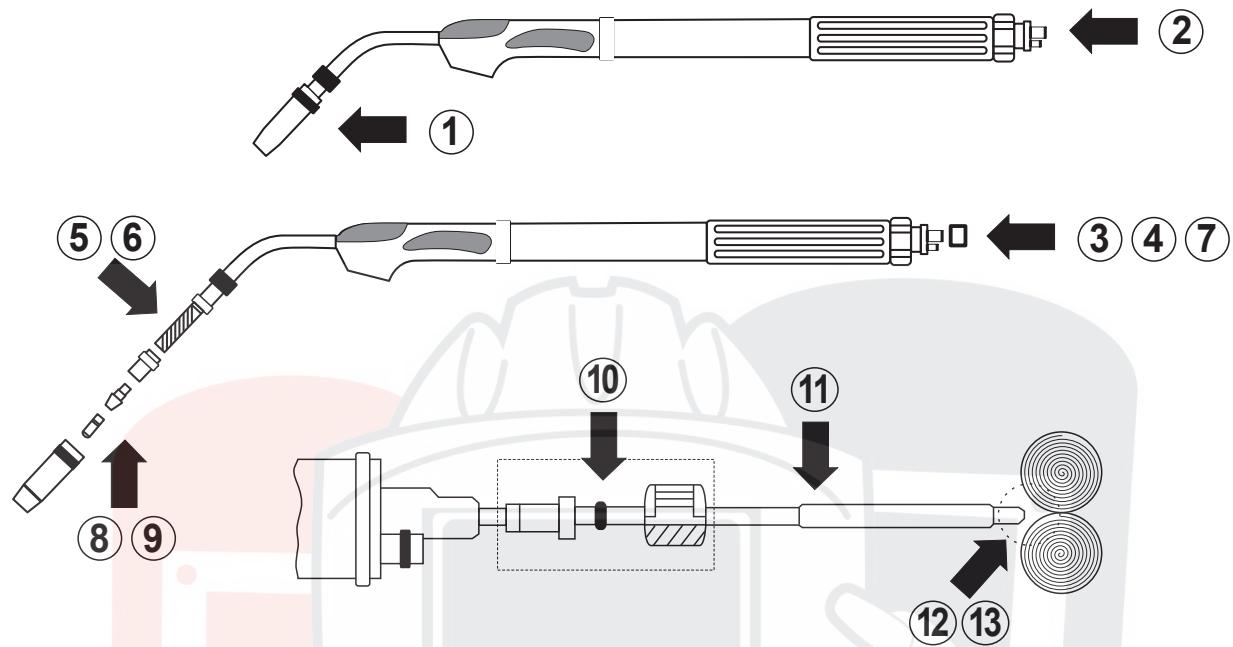


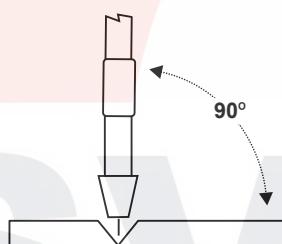
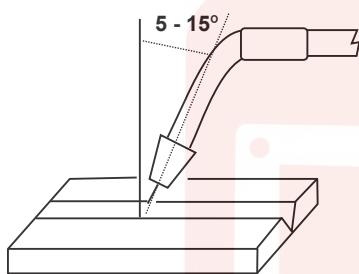
FIG. I**FIG. L**

WELDING MACHINES OUTPUT CURRENT VERSUS SWITCH POSITIONS -
REGOLAZIONE DELLA CORRENTE DI USCITA DELLA SALDATRICE -
ضبط التيار الخارج لآلة اللحام

I_2 max (A)	1	2	3	4	5	6	SPEED m/min
350	40A	50A	60A	70A	80A	90A	
	110A	120A	130A	150A	170A	190A	
	210A	230A	260A	290A	320A	350A	
420	50A	55A	60A	70A	80A	90A	
	100A	110A	120A	130A	140A	150A	
	160A	180A	200A	220A	240A	260A	
	280A	300A	330A	360A	390A	420A	
550	60A	65A	70A	75A	80A	90A	
	100A	105A	115A	120A	130A	140A	
	150A	1550A	160A	170A	180A	200A	
	210A	220A	235A	250A	265A	290A	
	315A	325A	345A	365A	385A	420A	
	430A	460A	480A	520A	540A	550A	
							2-20

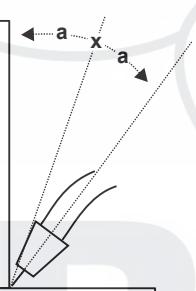
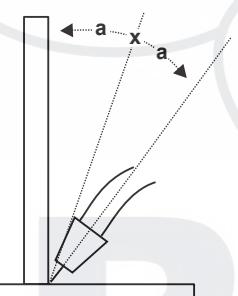
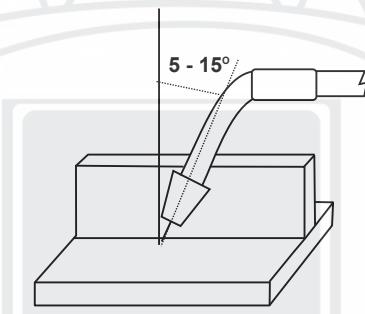
A

**SALDATURA IN PIANO
HORIZONTAL WELDING**



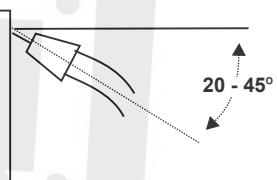
B

**SALDATURA IN PIANO-FRONTALE
FRONTAL HORIZONTAL WELDING**



C

**SALDATURA IN VERTICALE
VERTICAL WELDING**



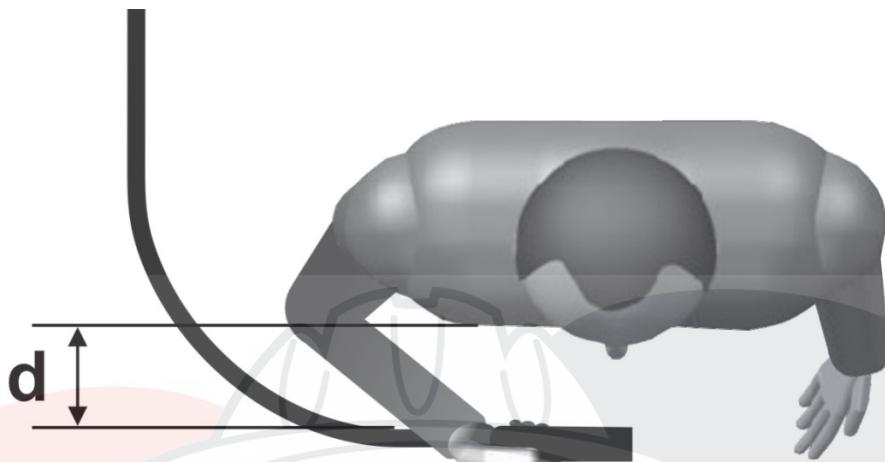
**MOVIMENTO TORCIA
TORCH MOVEMENT**

**IN DISCENDENTE
DOWNWARDS**

**IN ASCENDENTE
UPWARDS**



**DIREZIONE SALDATURA
WELDING DIRECTION**

FIG. N**TAB. 4**

**INDICATIVE VALUES FOR WELDING CURRENT (A) -
VALORI ORIENTATIVI CORRENTI DI SALDATURA (A) -
القيم التوجيهية لتيارات اللحام (A)**

DIAMETRO DEL FILO (mm) WIRE DIAMETER	0,6	0,8	1	1,2	1,6
Acciai al carbonio e basso legati / Carbon and mild steels					
SHORT ARC	30 ÷ 90	40 ÷ 170	50 ÷ 190	70 ÷ 200	100 ÷ 210
SPRAY ARC	/	160 ÷ 220	180 ÷ 260	130 ÷ 350	200 ÷ 450
Acciai inossidabili / Stainless steel					
SHORT ARC	/	40 ÷ 140	60 ÷ 160	110 ÷ 180	/
SPRAY ARC	/	/	140 ÷ 230	180 ÷ 280	230 ÷ 390
Alluminio e leghe / Aluminium and alloys					
SHORT ARC	/	50 ÷ 75	90 ÷ 115	110 ÷ 130	130 ÷ 170
SPRAY ARC	/	80 ÷ 150	120 ÷ 210	125 ÷ 250	160 ÷ 350