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Founded in 1902, Air Liquide is the world leader in industrial and medical gases and related services. The company has offices in 72 countries and employs a work force of 40,000. Drawing on constantly renewed technologies, Air Liquide develops groundbreaking solutions used in making countless everyday products and in helping to preserve life.

Selection of CEMONT welding and cutting equipment



MMA range



Product name	COLT 90	Colt 130	PUMA S 1600	Puma S 1700 G	Puma SX 2000	PUMA SX 2200 GC	YARD SV 333	YARD SV 403	YARD SV 443	YARD STC 400
Input Voltage (V)	1 x 230 V	1 x 230 V	1 x 230 V	1 x 230 V	1 x 230 V	3 x 400V	3 x 230 - 400 V	3 x 230 - 400 V	3 x 230 - 400 V	3 x 230 - 400 V
Range of current (A)	5 - 80 A	5 - 125 A	5 - 150 A	5 - 150 A	5 - 180 A	5 - 220 A	55 - 260 A	50 - 350 A	60 - 400 A	10 - 400 A
Duty cycle at 40 °C	80A @ 30%	125A @ 15%	150A @ 25%	150A @ 35%	180A @ 30%	220A @ 40%	260A @ 35%	325A @ 35%	400A @ 35%	400A @ 35%
Max el diam (mm)	2,5	3,2	4,0	4,0	4,5	5,0	5,0	6,3	6,3	6,3
Weight (Kg)	2,9 Kg	3,8 Kg	7 Kg	7 Kg	10 Kg	19 Kg	83 Kg	107 Kg	123 Kg	140 Kg
Dimensions (mm)	220 x 120 x 320	220 x 120 x 320	145 x 230 x 365	145 x 230 x 365	180 x 290 x 400	250 x 470 x 450	560 x 730 x 1080	560 x 730 x 1080	560 x 730 x 1080	970 x 670 x 730
IP	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 21	IP 21	IP 21	IP 23
PN	W 000 260 935	W 000 260 938	W 000 263 636	W 000 263 650	W 000 263 686	W 000 263 688	W 000 263693	W 000 263 695	W 000 263 696	W 000 263 712

MIG range



Product name	EASYMIG 151 DUAL	MAXISTAR 180 MEC	MAXISTAR 200 M	MAXISTAR 250 T	MAXISTAR 280T	BLUMIG 283 C	BLUMIG 303 S	BLUMIG 353 C/S	BLUMIG 403 S	BLUMIG 503 S
Input Voltage (V)	1 x 230 V	1 x 230 V	1 x 230 V	3 x 400 V	3 x 400 V	3x230 - 400 V	3x230 - 400 V	3 x 230 - 400 V	3 x 230 - 400 V	3 x 230 - 400 V
Range of current (A)	30 - 115 A	30 - 170 A	35 - 220 A	35 - 260 A	35 - 280 A	35 - 280 A	35 - 280 A	40 - 330 A	35 - 400 A	50 - 500 A
Duty cycle at 40 °C	115A @ 15%	140A @ 18%	180A @ 15%	200A @ 25%	200A @ 30%	250A @ 30%	250A @ 30%	300 @ 35%	350 @ 35%	450 @ 35%
Nb of steps	4	6	8	6	7	10	10	14	21	30
wire diam (mm)	0,6 - 0,8 mm	0,6 - 0,8 mm	0,6 - 0,8 mm	0,6 - 1,0 mm	0,6 - 1,0 mm	0,6 - 1,0 mm	0,6 - 1,0 mm	0,6 - 1,2 mm	0,6 - 1,2 mm	0,6 - 1,6 mm
Weight (Kg)	23 Kg	36 Kg	43 Kg	54 Kg	71 Kg	80 Kg	102 Kg	96 Kg	144 Kg	144 Kg
Dimensions (mm)	240 x 510 x 370	440 x 670 x 750	440 x 670 x 750	440 x 670 x 750	500 x 870 x 950	500 x 870 x 950	500 x 1180 x 950	570 x 930 x 990	500 x 1180 x 950	600 x 1250 x 1050
IP	IP 21	IP 21	IP 21	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
PN compact	W 000 263 721	W 000 263 724	W 000 263 725	W 000 263 726	W 000 263 727	W 000 263 729	-	W 000 264 208	-	-
PN separate	-	-	-	-	-	-	W 000 263 730	W 000 263 731	W 000 263 732	W 000 263 733

TIG range



Product name	SMARTY TX 150	SMATY TX 160	SMARTY TX 220	SMARTY TX 250	SMARTY TX 160 ALU
Input Voltage (V)	1 x 230 V	1 x 230 V +/- 15%	1 x 230 V +/- 15%	3 x 400 V	1 x 230 V
Range of current (A)	5 - 150 A	5 - 160 A	5 - 220 A	5 - 250 A	5 - 150 A
Duty cycle at 40 °C	50A @ 35%	160A @ 35%	220A @ 35%	50 @ 40%	150 (AC) - 130 (DC) @ 35%
Weight (Kg)	10 Kg	10 Kg	18 Kg	18 Kg	22 Kg
Dimensions (mm)	180 x 290 x 400	180 x 290 x 400	250 x 470 x 450	250 x 470 x 450	50 x 470 x 450
IP	IP 23	IP 23	IP 23	IP 23	IP 23
PN	W 000 056 033	W 000 263 652	W 000 263 653	W 000 260 031	W 000 056 036



Plasma range



Product name	SHARP 6K	SHARP 10	SHARP 22	SHARP 25M	SHARP 40M
Input Voltage (V)	1 x 230 V	1 x 230 V	3 x 230 to 400 V	3 x 220/230/380/400 V	3 x 220/230/380/400 V
Range of current (A)	10 - 20 A	10 - 30 A	10 - 65 A	30 / 50 / 80 A	30 / 50 / 85 / 120 A
Duty cycle at 40 °C	20A @ 50%	30A @ 35%	65A @ 40%	80A @ 40%	120A @ 50%
Cutting thickness (mm)	4 mm	8 mm	20 mm	20 mm	35 mm
Nb of steps	na	na	na	3	4
Weight (Kg)	12 Kg	8 Kg	25 Kg	80 Kg	125 Kg
Dimensions (mm)	440 x 185 x 310 mm	370 x 160 x 270 mm	435 x 235 x 380 mm	500 x 855 x 705 mm	500 x 855 x 705 mm
IP	IP 23	IP 23	IP 23	IP 23	IP 23
PN	W 000 263 709	W 000 263 707	W 000 262 496	W 000 261 830	W 000 261 831