



TECHNICAL SPECIFICATIONS OF 2D PIPE CUTTING

SPECIFICATIONS		APPC-P 1530	APPC-P 2040	APPC-P 2060	APPL-P 2060	APPL-P 3060	APPL-P 20120	APPL-P 30120	APPL-P 35120	APPL-P 40120	APPL-P 35240	
A	TOTAL WIDTH (mm)	2780	3280	3280	4350	5350	4350	5350	5850	6350	6850	
B	TOTAL LENGTH (mm)	4760	5800	7800	8750	8750	14750	14750	14750	14750	28150	
C	CUTTING TABLE HEIGHT (mm)	930	930	930	800	800	800	800	800	800	800	
D	WORKING WIDTH (mm)	1600	2100	2100	2130	3130	2130	3130	3630	4130	3630	
E	WORKING LENGTH (mm)	3100	4100	6100	6250	6250	12500	12500	12500	12500	25000	
F	TOTAL HEIGHT (mm)	2000	2000	2000	2200	2200	2200	2200	2200	2200	2200	
G	DISTANCE BETWEEN BRIDGE AND WORK WABLE (mm)	170	170	170	270	270	270	270	270	270	270	
	SPEED	20	20	20	20	20	20	20	20	20	20	
	MACHINE AXIS	X,Y,Z,D										
	PIPE CUTTING DIAMETER MIN. MAX. (mm)	Ø30-Ø200				Ø30-Ø500						
	PIPE CUTTING MAX. THICKNESS (MILD STEEL) (mm)	8				20						
	POSITION ACURACY (mm)	± 0,01 DIN28206 , ± (0,0039 DIN28206)										
	POSITION REPEATABILITY ACCURACY (mm)	± 0,05 DIN28206 , ± (0,0019 DIN28206)										

TECHNICAL SPECIFICATIONS OF 3D PIPE CUTTING

A	TOTAL WIDTH (mm)	3280	3780	3780	4350	5350	4350	5350	5850	6350	6850
G	DISTANCE BETWEEN BRIDGE AND WORK WABLE (mm)	170	170	170	270	270	270	270	270	270	270
	SPEED	20	20	20	20	20	20	20	20	20	20
	MACHINE AXIS	X,Y,Z,A,B,D									



POWER SUPPLY CUTTING THICKNESSES



PLASMA POWER SUPPLY	MAXIMUM THICKNESS (MM)			PIERCING THICKNESS (MM)			CUTTING CURRENT		GASES
	MILD STEEL	STAINLESS	ALUMINIUM	MILD STEEL	STAINLESS	ALUMINIUM	MINIMUM A	MAXIMUM A	
CUT FIRE 65i	15	15	15	10	10	10	35	65	AIR
CUT FIRE 100i	40	40	40	20	20	20	35	100	AIR
SMART FOCUS 130	40	40	40	27	27	27	35	130	O2,AR - O2,AR,H2,N2,AIR,F5
SMART FOCUS 170	50	50	50	30	30	30	35	170	O2,AR - O2,AR,H2,N2,AIR,F5
SMART FOCUS 200	60	60	60	30	30	30	35	200	O2,AR - O2,AR,H2,N2,AIR,F5
SMART FOCUS 300	80	80	80	40	40	40	35	300	O2,AR - O2,AR,H2,N2,AIR,F5
SMART FOCUS 400	100	100	100	50	50	50	35	400	O2,AR - O2,AR,H2,N2,AIR,F5



POWER SUPPLY CUTTING THICKNESSES



PLASMA POWER SUPPLY	MAXIMUM THICKNESS (MM)			PIERCING THICKNESS (MM)			CUTTING CURRENT		GASES
	MILD STEEL	STAINLESS	ALUMINIUM	MILD STEEL	STAINLESS	ALUMINIUM	MINIMUM A	MAXIMUM A	
POWERMAX 45	25	19	19	9	9	9	30	45	AIR
POWERMAX 65	25	20	20	16	12	12	30	65	AIR
POWERMAX 85	30	25	25	20	16	16	30	85	AIR
POWERMAX 105	40	32	32	20	20	20	30	105	AIR
POWERMAX 125	40	40	40	25	20	25	30	125	AIR
MAXPRO 200	50	50	38	32	25	32	50	200	AIR - AIR,N2,O2
XPR 170	60	38	38	40	25	25	30	170	O2,N2,AIR - O2,N2,AIR,AR,F5,H2O - O2,N2,AIR,AR,F5,H2 AND WATER
XPR 300	80	70	50	50	38	38	30	300	O2,N2,AIR - O2,N2,AIR,AR,F5,H2O - O2,N2,AIR,AR,F5,H2 AND WATER
HPR 400XD	80	80	80	50	45	40	30	400	AIR,O2,N2,H35,F5,AR