



Protreg



**PLASMA
CUTTING
MACHINES**

**LATEST TECHNOLOGY
FIRST CHOICE**





PROTREG is a Brand of Armatech Demir Çelik Makina İnş.San. ve Tic. Ltd. Şti company and newly established manufacturer of sheet metal working machines focus on CNC Plasma cutting and CNC Fiber Laser cutting machines with 2.000sqm closed production area in Bursa, Turkey.

With many years back production experience before establishing the company pushing engineers and technical staff to develop more, and design unique projects on their own. What make special Protreg are qualified workers, high quality products, detailed and well calculated workmanship, sophisticated technology, quick deliveries as well as honesty, simplicity in business.

2000 M² efficient plant donated with right equipments and right personnel give company necessary boost to realize her objectives as being the number one in the market and inceasing her exports day by day.

The structure of Armatech Demir Çelik Makina İnş.San. ve Tic. Ltd. Şti company is divided into three branch.Manufacturer-Manufacturer dealer- Trading.

With Manufacturer branch, Protreg is focus on manufacturer for cutting systems such as Cnc Plasma Cutting machines and Cnc Laser Cutting machines.

With Manufacturer dealer branch Protreg gives a big machine portfoglio such as pressbrake,shearing machine,plate and profile rolling machine,band saw,crane generators etc. for its customers by making agreements with the correct manufacturer companies.

With Trading branch Armatech can have business in trading regardless of sector.

Our Mission and Vision

As a target of being the world-leading cutting technologies and sheet metal working machine provider, Armatech is dedicated to bringing the best results and value for customers with %100 customer satisfactions.

Our Vision

Producing the world's best cutting systems and being %100 trustable company.

STANDARD FEATURES

- ✓ 19" LCD Industrial Touch Screen
- ✓ Windows Based Cnc Controller
- ✓ Operator Panel
- ✓ Safe Module Inputs and Outputs
- ✓ Remote Connection Interface
- ✓ THC Automatic Height Control System
- ✓ Nozzle Sensor
- ✓ TORCH Collision Sensor
- ✓ 200 mm Standard Stroke
- ✓ Laser Pointer
- ✓ 3 Axis (X, Y,Z) Movement
- ✓ Servo Motor and drivers set
- ✓ Planetary Gearbox
- ✓ High Precision Linear Rails
- ✓ High Precision Helix Gear and Creamer
- ✓ Cable Channels on X,Y, Z Axes
- ✓ Table with Cnc Controlled Pneumatic System
- ✓ Movable Control Panel System
- ✓ 3 Emergency Buttons



APPL SERIES

OPTIONAL FEATURES

- ✓ Oxygen Cutting Station
- ✓ Messer-Tanaka Oxygen Torch
- ✓ Automatic Ignition System
- ✓ IHT Automation Capacitive Distance and Height Control
- ✓ +/- 45 Degree Manual Angle Cutting Tool for Oxygen and Plasma
- ✓ 350mm Selectable Stroke for Oxygen and Plasma Torch
- ✓ 300mm stroke Torch Height controller
- ✓ Bevel cutting technology
- ✓ Plasma Fume Extraction Unit
- ✓ 4000 = 4000m³/hour flow
- ✓ 6000 = 6000m³/hour flow
- ✓ 12000 = 12000m³/ hour flow
- ✓ 15000- 15000m³ hour flow
- ✓ Cooler to Electrical Panel depends on the Working Environment
- ✓ Optional Electrical Voltage.

STANDARD FEATURES

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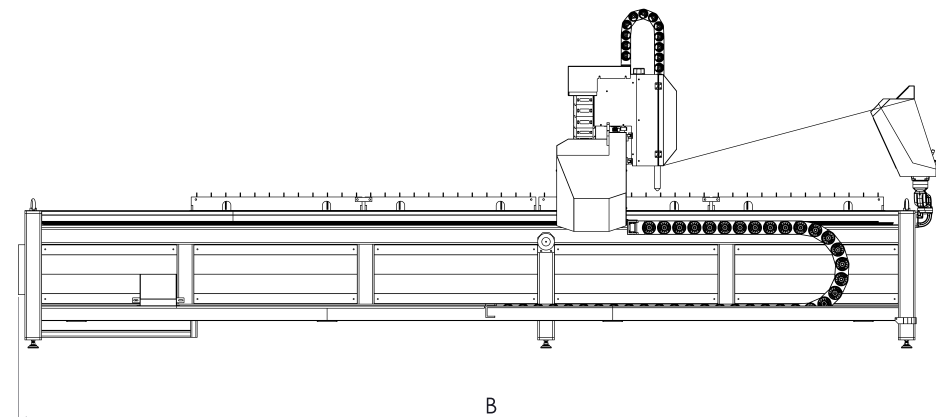
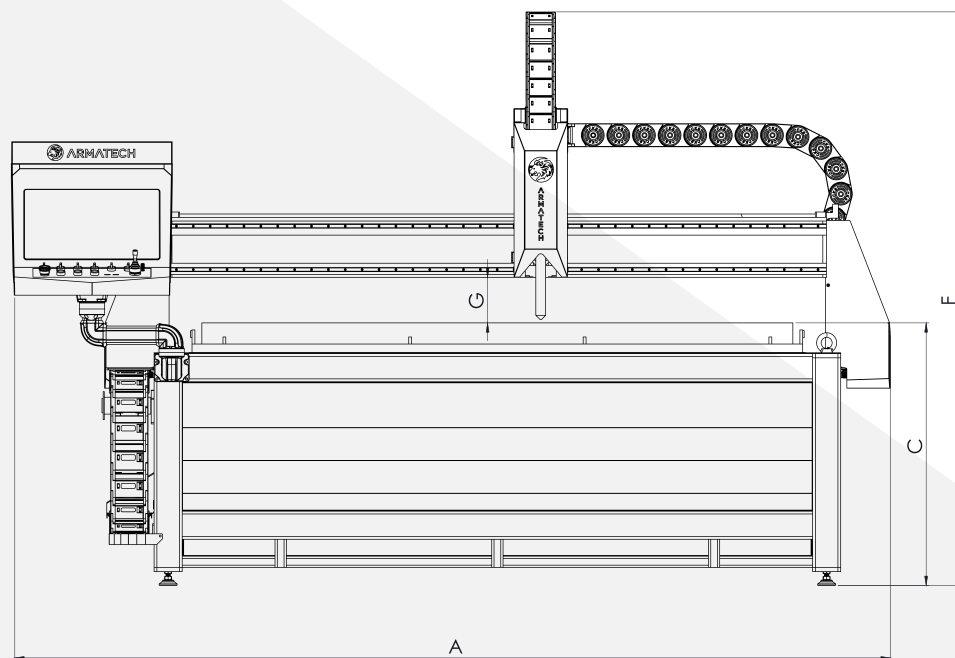
APPC SERIES



OPTIONAL FEATURES

- ✓ Plasma Fume Extraction Unit
- ✓ 4000 = 4000m³/hour flow
- ✓ 6000 = 6000m³/hour flow
- ✓ Cooler to Electrical Panel depends on the Working Environment
- ✓ Optional Electrical Voltage

APPC SERIES COMPACT TYPE PLASMA CUTTING MACHINES



SPESIFICATIONS		APPC 1530 (COMPACT)	APPC 2030 (COMPACT)	APPC 2060 (COMPACT)
TOTAL WIDTH (mm)	A	2615	3115	3115
TOTAL LENGTH (mm)	B	4620	5620	6620
CUTTING TABLE HEIGHT (mm)	C	920	920	920
WORKING WIDTH (mm)	D	1670	2170	2170
WORKING LENGTH (mm)	E	3110	4160	6250
TOTAL HEIGHT (mm)	F	2035	2035	2035
DISTANCE BETWEEN BRIDGE AND WORK TABLE (mm)	G	165	165	165

KJELLBERG POWER SUPPLY CUTTING THICKNESSES



PLASMA POWER SUPPLY	MAXIMUM THICKNESS (mm)			MAXIMUM PIERCING (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



HYPERTHERM POWER SUPPLY CUTTING THICKNESSES

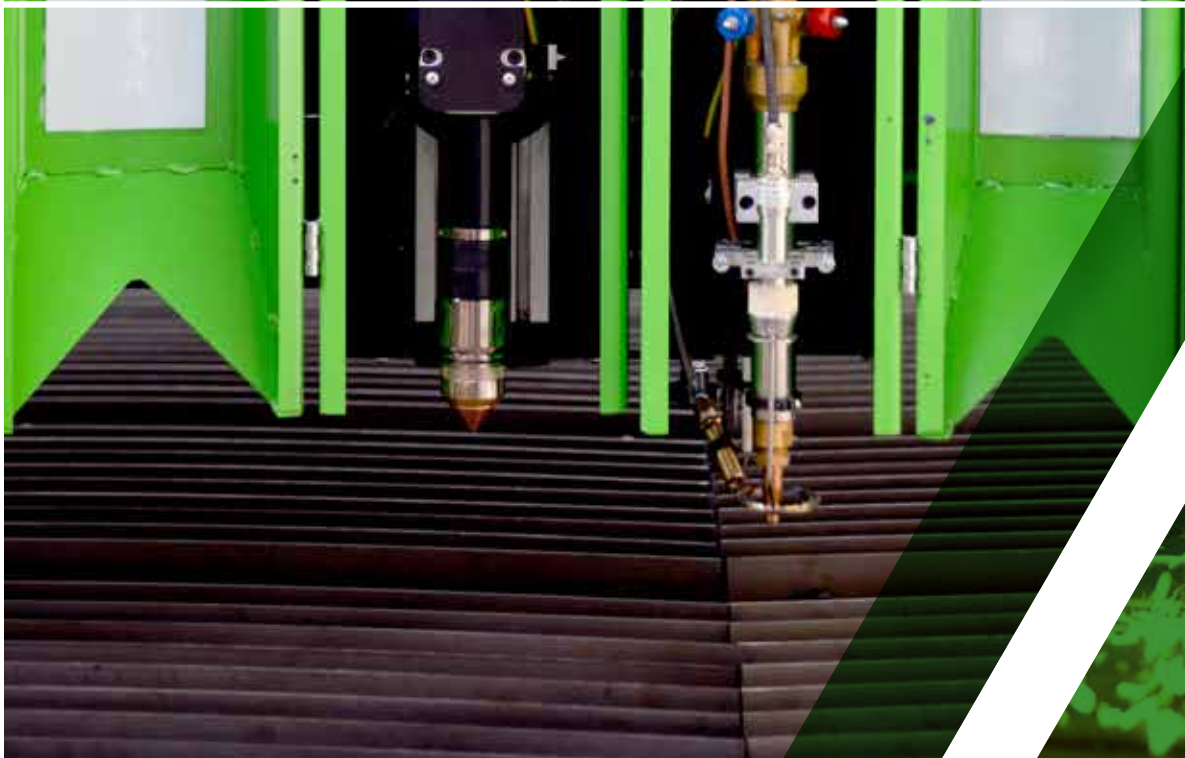


PLASMA POWER SUPPLY	MAXIMUM THICKNESS (mm)			MAXIMUM PIERCING (mm)			CUTTING CURRENT		GASES		
	MILD STEEL	STAINLESS	ALUMINIUM	MILD STEEL	STAINLESS	ALUMINIUM	MINIMUM A	MAXIMUM A			
POWERMAX 45	25	19	19	9	9	9	30	45	AIR		
POWERMAX 65	25	20	20	16	12	12	30	65	AIR		
POWERMAX 85	30	25	25	20	16	16	30	85	AIR		
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		













Protreg
by **ARMATECH**



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