

**AKYAPAK®**

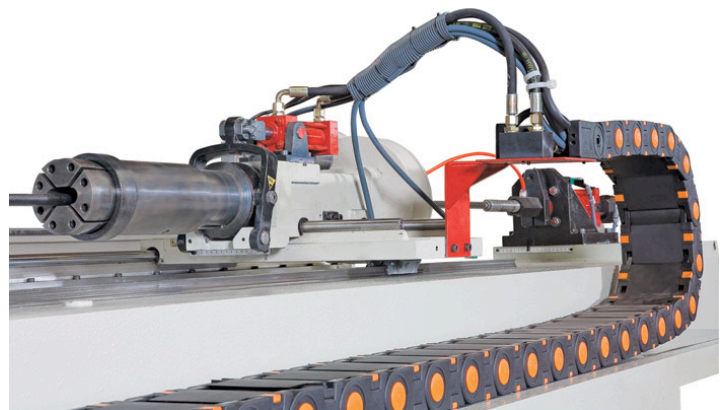
**AKBEND®**

**ABM - 76 NC & CNC  
PIPE BENDING MACHINE**



**FEATURES:**

- \* 15" Coloured touchscreen
- \* Longer bending ability more than machine length
- \* Controlling servo, hydraulic moves and adjusting servo speed the control panel
- \* Foot pedal control
- \* Provide the required spare parts
- \* AKYAPAK service confidence
- \* User friendly interface software made by AKYAPAK
- \* High quality hydraulic system
- \* Beginning serial production only after 2 days training
- \* Working fully automatic and as manual (step by step)
- \* Working without mandrel
- \* Automatic mandrel lubrication
- \* To be able to program in Y B C modes
- \* Cooling system for hydraulic oil
- \* Hydraulic tube clamp
- \* Industrial PC
- \* 4 Axis servo control
- \* Getting unlimited angles by free rolling
- \* Working with 3 dies
- \* Operator places the tube on machine and machine does all the bending automatically
- \* Production cost is very low for serial production and big volumes
- \* Mechanical accuracy could be changed according to bending shape and dimensions.



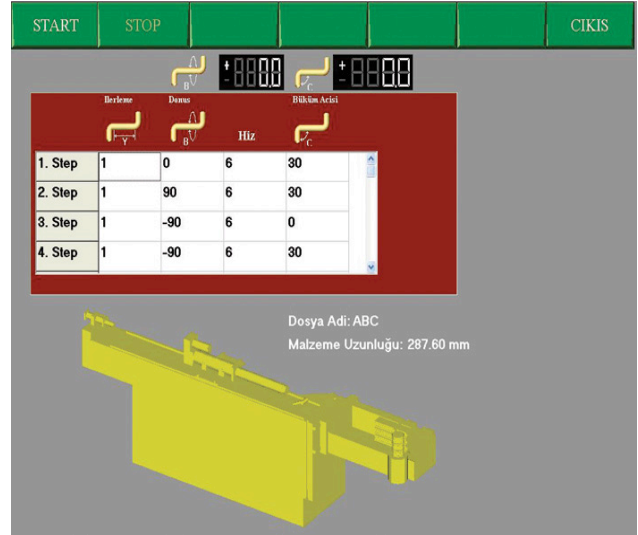
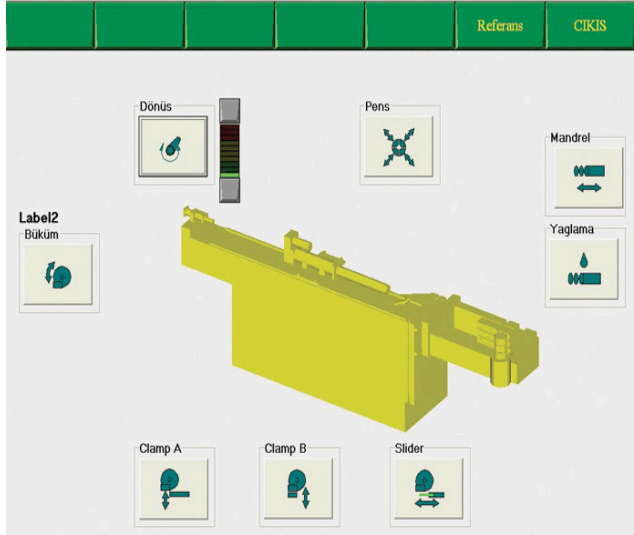
**ABM 76 NC is available in 2m, 4m & 6m length**

**ABM 76 CNC is available in 4m length**

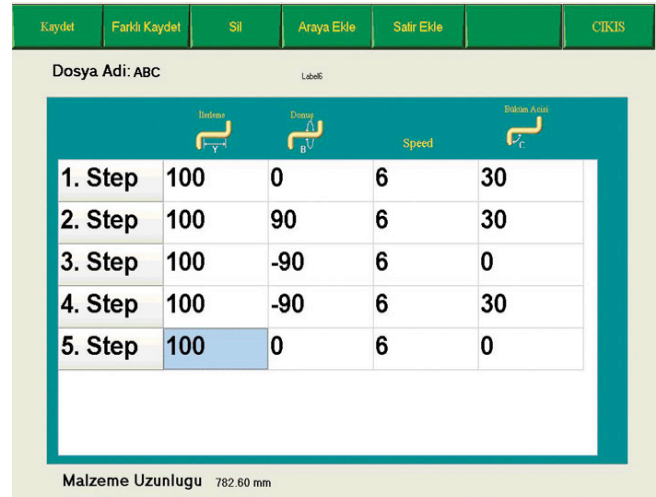
ABM-76 NC & CNC is designed to bend all type of tube bending process. Steel, Stainless steel, Brass, Copper and other bendable materials by simple or complex shapes.

ABM-76 NC & CNC pipe bending machine makes all bending process automatically. Operator only inserts the pipe and whole bending is made by the machine automatically.

Using CNC control, reduces the cost at many pieces or single continuously piece production. Usage of CNC program is very simple and useful.



- \* **PLC based control system**
- \* Servo control of rotation axis
- \* Bending system is hydraulic
- \* Assistant axes are hydraulic
- \* Moving ahead and backwards is done manually
- \* Manual and automatic working capability
- \* Tube length can be computed according to part program
- \* Programming in Y B C mode
- \* Touch screened panel PC
- \* Opportunity to use mandrel in both automatic and manual bending processes



## Technical Informations **TEKNİK BİLGİLER**

Type Model	Max. Bending Diameter Maks. Bükme Çapı	Max. Thickness Maks. Malz. Kalınlığı	Max. Bending Length Maks. Bükme Boyu	Bending Degree Max. Büküm Derecesi Max.	Bending Radius Max. Büküm Yarı çapı Max.	Operation Speed Operasyon Hızları		Working Tolerance Çalışma Toleransı		Hydr. System Hidrolik Sistem		Oil Tank Capacity Yağ Tank Kapasitesi	Weight Ağırlık
						Rotation Speed Döndürme Hızı	Bending Speed Bükme Hızı	Rotation Döndürme	Bending Bükme	Hydr. Motor Power Hid. Motor Gücü	Max. Hyd. Pressure Maks. Hidrolik Basıncı		
						Degree/sec	Degree/sec	Degree	Degree	kw	bar		
ABM 76 NC	ø 76	3	2000	180	260	120	30	± 1	± 1	7.5	180	120	1900