

## Channel Letter Bender / Welder / Clincher



Channel Letter Bender



Spot Welder



Clincher



### BENDER C

Bender C can be used to make 3D letters with Galvanized steel, Stainless steel and Aluminum etc. It has the functions of automatic feeding, slotting and bending. The software developed with high precision, high stability and easy to be used. The specialized functions for beveled and curved surface letters will make your 3D LED letters different with others. With Bender C, it will be much easier for you to do all kinds of 3D signs. All the actions are controlled by the computer automatically. Adjustable depth and times for V-slotting. Servo system controls the bending and slotting functions with high speed and high precision.



### Technical Parameter

Model	C
Material height	25mm-150mm
Material thickness	0.4-1.0mm
Material	Al, SS, GS
Width of flange	6mm-14mm
Physical layout	3000(L)x1000(W)x1500(H) mm
Feeding speed	36m/min
Min radius for circle	R10
Air	Air-oil boost up cylinder
Cutting	90psi (6bar) at 1cfm
Power	220V/380V,3Phase 50 or 60 HZ
Gross Weight	600Kg
Package size	1540(L)x940(W)x1620(H) mm

## BENDER X



Bender X is designed especially for bending the Aluminum profiles signs. With the upgraded for the software and hardware, now it's one model bender machine which can do with Stainless steel, Aluminum, Galvanized steel and all kinds of Al profiles and coil. According to the different material, different way to make signs, Bender X can provide perfect solutions. It's your best choice for making different types of LED signs with different material.

### Technical Parameters :

Model	X
Material height	25mm-110mm
Material thickness	0.4-1.0mm
Max bender angle	120 degree, Min rad. R10
Physical layout	4900(L)x1000(W)x1500(H) mm
Feeding speed	36m/min
Min radius for circle	R10
Net-Weight	600kg
Compress Air	90psi (6bar) at 1cfm
Power	220V, 50 or 60 HZ, 15 Amp
Package size	2020(L) X920(W) X1820(H) mm



Coil Stand



Disc Cutter



Material



Straight Blade

### Product Features :

1. Disc cutter working in front : Super letters (Al profiles).
2. Straight bled only : Stainless steel, Galvanized steel, Aluminum (Flat material).
3. Disc Cutter working both front and back : Mccafe signs (Aluminum profiles).
4. Disc Cutter working both front, straight blade working in back (Aluminum profiles).

### Application





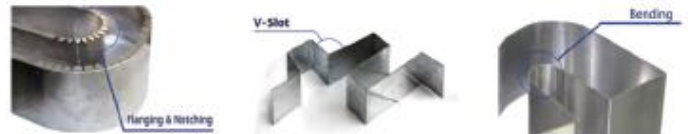
## BENDER CLASSIC



EzBender Classic is the Bending machine with full functions for channel letters. It can be used to fabricate the 3D LED signs with Aluminum, Galvanized steel and Stainless steel etc. It has the special functions of notching and flanging for Aluminum. All the functions of auto feeding, auto slotting, auto notching, auto flanging and auto bending are controlled by the computer. Feeding material from one side, the signs will be got from the other side of the machine. And all the functions can be selected freely according to different material. The 3-phase AC servo motors and the hydraulic station has been used to provide the power. The machine is with the features of fast speed, high precision, strong and powerful. With the letter software developed by ourselves, it's easy to learn and use. This machine is the most important equipment for you to made high end LED

### Technical Parameters :

Model	CLASSIC
Material height	70mm-180mm
Material thickness	0.6-2.0mm
Width of flange	6mm-14mm
Max bending angle	120
Feeding speed	36m/min
Min radius for circle	R10
Cutting	Air-oil boost up cylinder
Air	90psi (6bar) at 1cfm
Power	220V/380V,50 or 60 HZ,15Amp
Physical layout	3700L x 1200W x 1500H
Net-Weight	700Kg



### Applications of Classic and Clincher :



1. The interface of the software is very friendly. It can accept all kinds of DXF files such as created by ILLUSTRATOR, CASMATE, TYPE3, ARTCAM, FLEXISIGN, ENROUTER, CORELDAW etc.
2. The times and the depth of the v-slotting can be adjusted in the software. It's very easy to use.
3. Hydraulic station controls the notching and flanging function. It's very powerful and fast and the cutting surface is very smooth without any burrs.
4. Servo system controls the bending and slotting functions with high speed and high precision.

## WELDER

## CLINCHER



Clincher is particularly designed for fastening the letter returns and letter backs. It uses newest technique power to connect metals without drilling, spot welding and riveting. It's ease-to-use and effective, it can also save power and time.

### Technical Parameter :

Structure	C cast steel
Characteristics	Using Compressed air, gas and liquid reinforcement, automatic return after riveting
Trip	Non cutting stroke 70mm, Pressure stroke 20mm
Deep throat	700mm
Processing Capacity	2mm Max thickness :2mm(two layer)
Processing Speed	40 times/ min
Pressure Requirements	5-6(kg)
Work table size	700x800 (mm)
Work table height	Adjustment by handle
Machinable workpiece depth	0-300mm
Stamping control	Foot switch
Weight	750Kg



Laser Welding machine is a fast welding machine specially designed to weld channel letter returns to channel letter face or back precisely.

1. Welding point is located by focused red point beam.
2. Subsequent perfect alignment by binocular multiple enlargement microscope.
3. Easy control of size of facula by electronically controlled multiple beam expender.
4. Easy movement of workplace by hand as the worktable has smooth X & Y axis manual control.
5. Compact structure, beautiful appearance and flexible operation.

### Technical Parameter :

Model	Lw220
Max Laser Power	220W
Laser wave length	1064nm
Welding depth	0.1-1.2mm
Pulse width	0.3-20ms
Power	9KW/220V
Work table size	800x1000mm
CCD	CCD
Chiller	Thermostat Cooling

### Application:



# Digital Signage Systems

CKRRA 35, Kavaradi Road, Pettah PO

Trivandrum 695024, Ph: 2474770/11, 9447277700

info@dsssouth.in, www.dsssouth.in