



KT-08DC

Corner Cleaning Machine Control Card

General Warnings

- Control the supply voltage before mounting the device. Make sure that you have disconnected the supply cables before maintenance.
- Protect the device from high humidity and water disposal. Check for condensation at sudden humidity changes.
- Pay attention to relay contact currents meant at the technical instructions while connecting a load to the device.
- Do not open the device in case of breakdown.

General Definitions

- 8 NPN transistor valve output.
- 3 dry contact digital inputs; start, stop and scrapping returns.
- 1 time display. Counts each operation time backwards. Remaining time is displayed.
- Machine's valve positions and blade selection is shown with 27 leds.
- Button for each blade.
- 3 or 4 blade selection with 2 pistons.

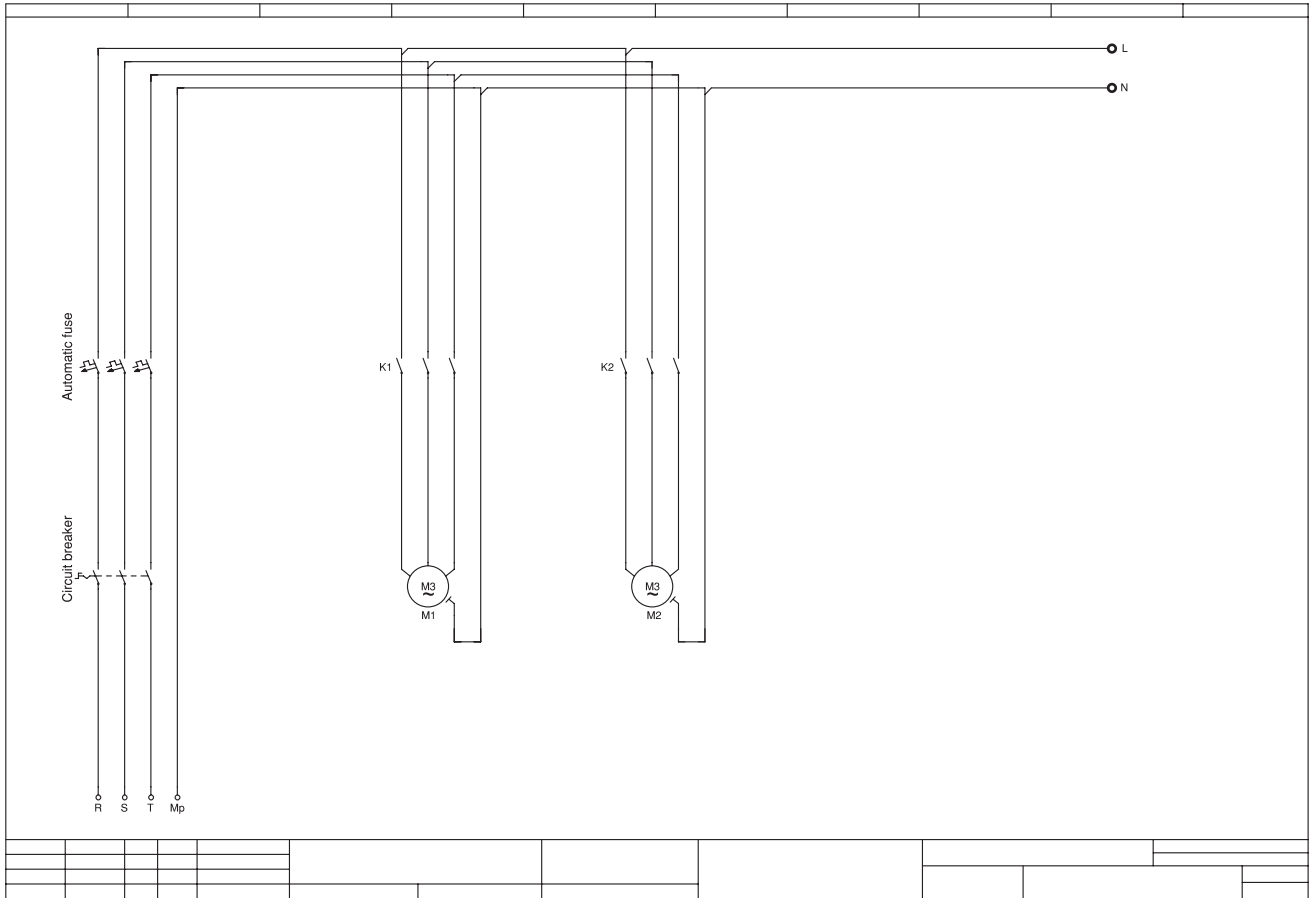
Features

- Easy to use.
- Secure front panel and mechanic structure and rubber buttons.
- Understandable and legible display.
- Compact structure and simple electrical connections.
- Simple plug&play structure. No special adjustments required.
- Leds, displaying the operation.
- Adjustable interval times.
- Easy blade selection. Button for each blade. All blades can be turned-off if necessary.
- Different front panel options for different blade numbers. 2 motors 4 blades, 2 motors 6 blades and 2 motors 8 blades.
- Blades can be turned-off from the software. The leds according to the blades will be off.
- Different colors and front panel options.
- Different language and custom front panel options for companies.

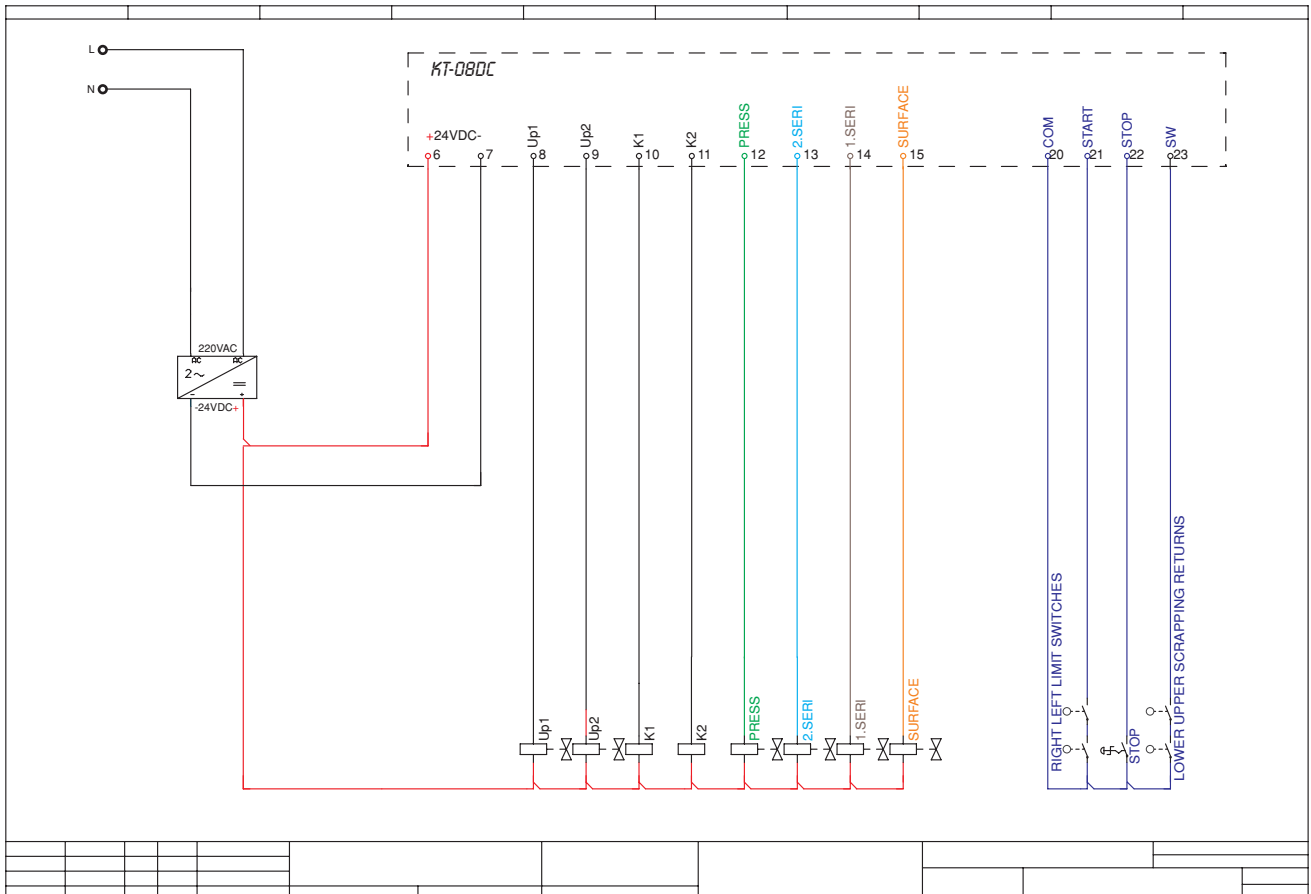
Technical Features

Electrical Features	
Supply voltage	24 VDC
Supply voltage range	15 - 36VDC
Power consumption	*0,5A IMax : 1,8A *(excluding valves)
Output type / Current / Pieces	NPN transistor / IOut: 0,6A Max. / 8 pcs
Input type / Current / Pieces	Dry contact NPN input / 5 - 20 mA / 1 start + 1 stop + 1 Switch
Blade selection	3 or 4 blades with 2 pistons, 2 blades with single piston, single blade no piston (1 or 2 motor).
Operation selection	Scrapping, notching or both.
Operating temperature	0 - 70°C
Ambiance humidity rate	Between %25 and %85 without condensation.
Physical Features	
Dimensions	W: 75,0 x L: 142,0 x H: 87,0 mm (without klemens connections)
Weight	300 gr
Frame size	68,0 x 135,0 mm
Box size	105 x 160 x 95 mm
Quantity / Package	10

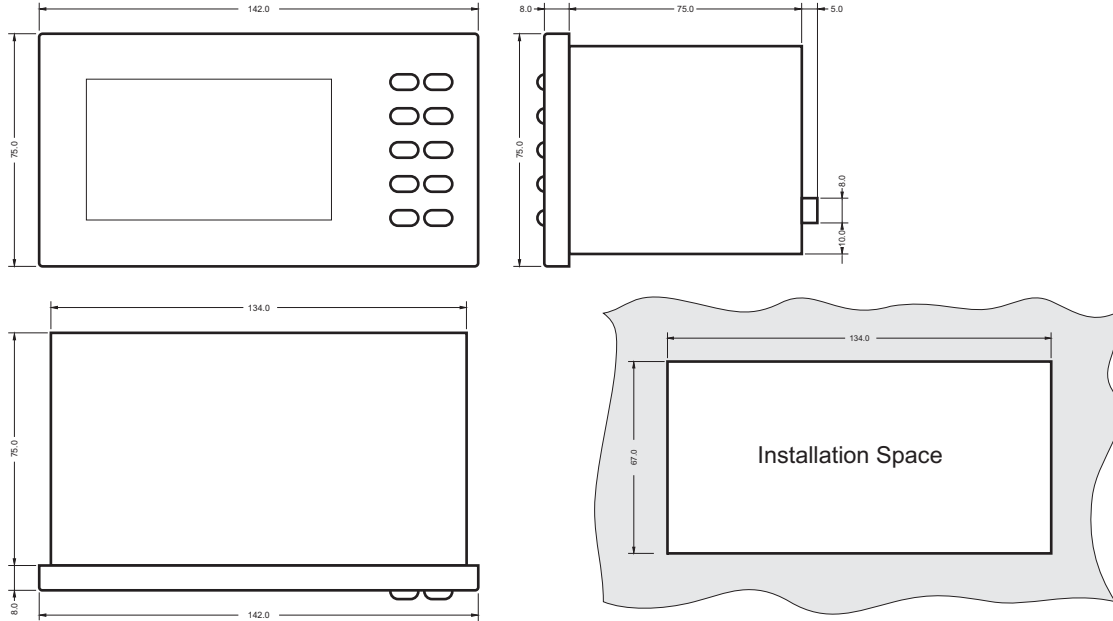
KT-08DC Power Connections



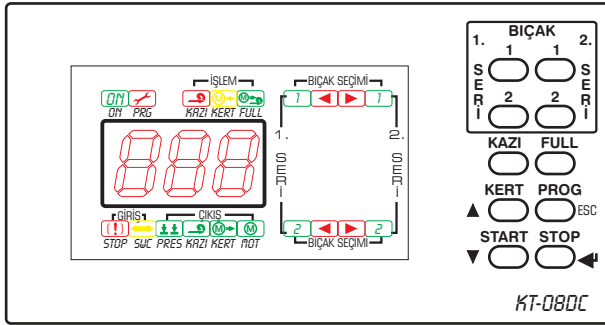
Electrical Control Connections



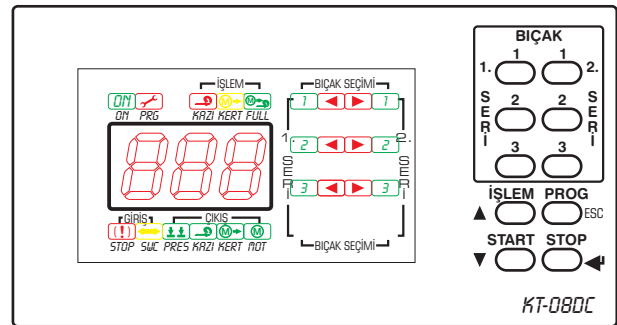
KT-08DC Dimensions



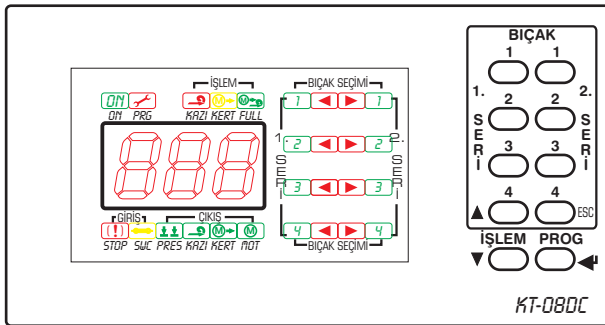
Panel Options According to Blades



Two Motor, Two Blades Each

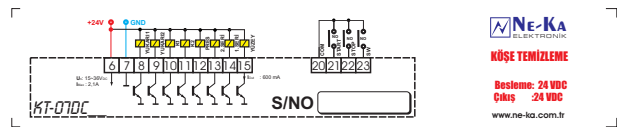


Two Motor, Three Blades Each



Two Motor, Four Blades Each

Back Sticker



KT-08DC Back sticker

How to Use
















• **Selecting the blades:** You can select the blade by the blade model and the related button for the active blade.

• **Selecting the operation:** You can select the operation by pressing the [İŞLEM] button. Scrap, notch and full leds will be active in order. The active led shows the operation selected.

Adjusting The Program Parameters

- Press the [PROG] button. ON led will be off and SET led will be on.
- Enter the password by ▲ ▼ buttons and confirm the password by ◀ button.
- Select the parameters by ▲ ▼ buttons..
- Edit the parameter by ◀ button. The value of the parameter appears at the display.
- Change the value by ▲ ▼ buttons.
- The new value is accepted by ◀ button. Press ESC to keep the old value.
- Press [Esc] button to exit set mode after setting the values. SET led will be off and return back to the normal operating mode.

KT-08DC Buttons, Leds and Definitions

 ON	The machine is on.
 PRG	Program mode is on.
 KAZI	Scraping mode is active.
 KERT	Notching mode is active.
 FULL	Scraping and notching modes are active.
 STOP	Blinks for warning when the Stop button is pressed.
 SWC	Scraping switch is pressed.
 PRES	Press released.
 KAZI	End of scraping.
 KERT	End of notching.
 MOT	Motor output.
	Displays active blades.
	Shows the blade selected.
	Displays the time. Displays the time adjusted when  PRG led is active.
1-2-3-4 BIÇAK	Blade selection buttons.
İŞLEM	Scrap, notch and full operations selection button.
PROG	Program mode button.
START	Starts the machine.
STOP	Stops the machine in emergency cases.
KAZI	Selects the scrap operation at only 2 blade mode.
KERT	Selects the notch operation at only 2 blade mode.
FULL	Selects both the scrap and notch operation at only 2 blade mode.
▲ ▼	Browses the menu and changes the value in program mode.
ESC	Exits the menu or cancels any changes in program mode.
←	Selects the menu and confirms changes in program mode.

Parameters and Definitions

	Definition	Range	Value
<i>SFR</i>	Password value. IF 0 entered, can access the parameters without password. Cancels the password.	0.0 - 99.9	0.1
<i>T-1</i>	Pressing time when the corner switches are pressed.	0.1 - 99.9 sn	1.5 sn
<i>T-2</i>	Scrapers forward time. Return after the time ends. Presses the switch.	0.1 - 99.9 sn	5.0 sn
<i>T-3</i>	Cancels switches.	0.1 - 99.9 sn	0.0 sn
<i>T-4</i>	Motor take-over time.	0.1 - 99.9 sn	1.5 sn
<i>T-5</i>	Motor forward time.	0.1 - 99.9 sn	2.0 sn
<i>T-6</i>	Motor return time.	0.1 - 99.9 sn	2.5 sn
<i>T-7</i>	Motor stoppage time.	0.1 - 99.9 sn	1.5 sn
<i>T-8</i>	Press release time.	0.1 - 99.9 sn	1.5 sn
<i>T-9</i>	The interval time to pass when Stop is pressed.	0.1 - 99.9 sn	0.5 sn
<i>B/C5</i>	Blade number at machine.	0.1 - 0.7	0.6

Time Diagram

