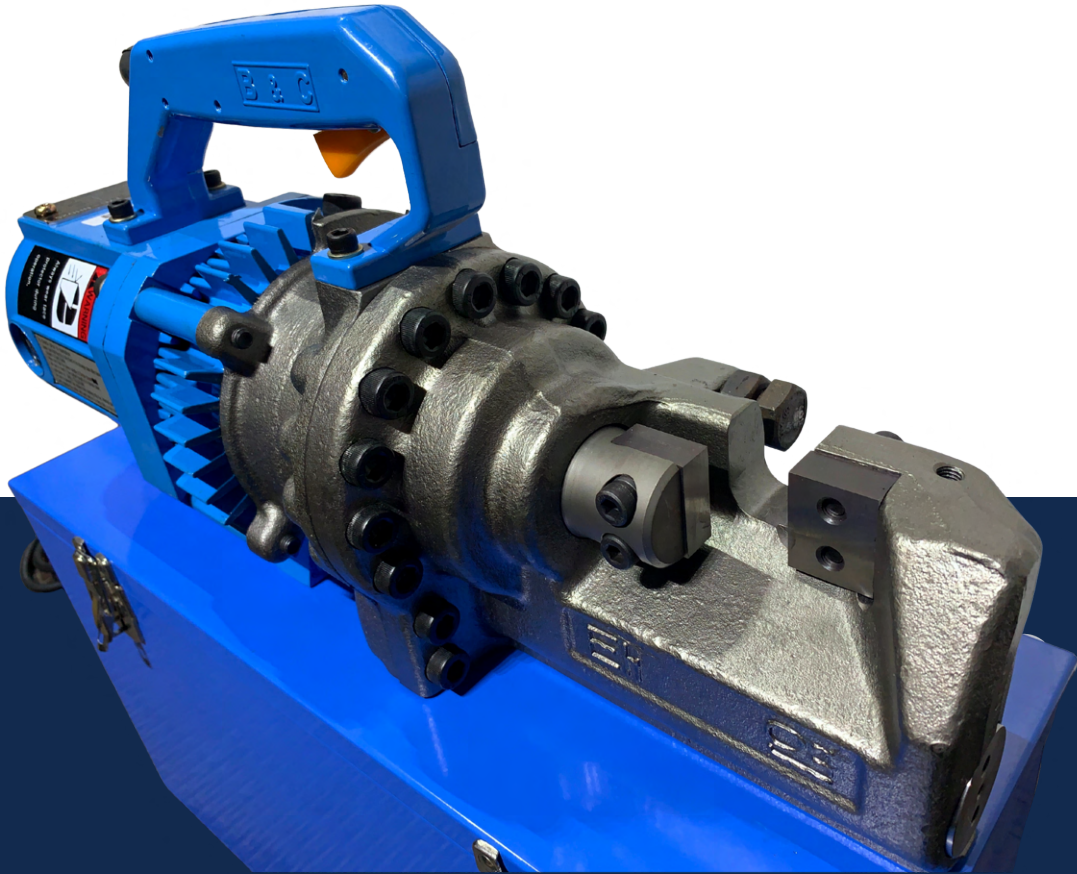


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22

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THE HOME OF REBAR HANDLING MACHINES



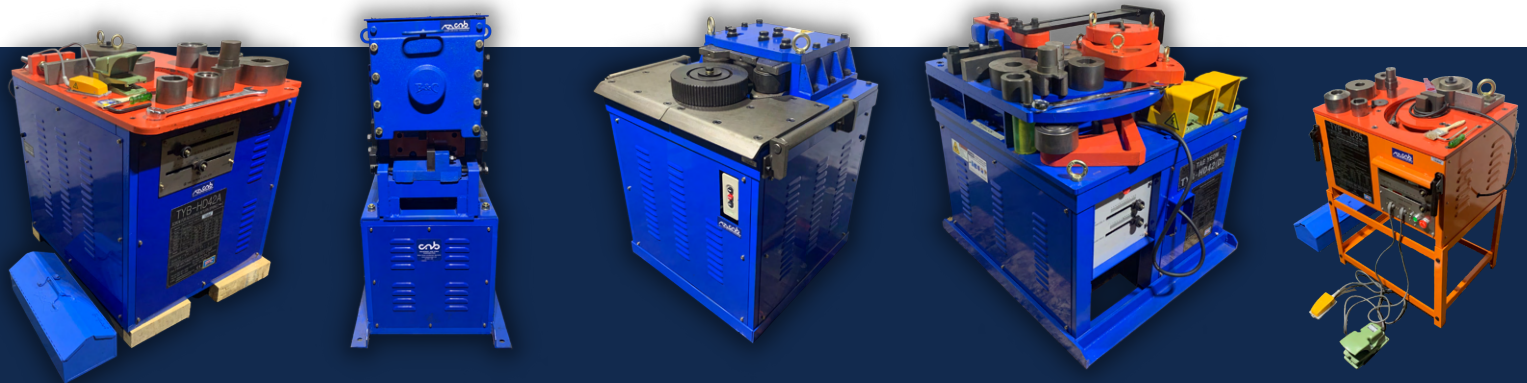
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# MANUAL TYC-NHD25

Contact our after sales department for any questions or concerns

[www.cnbmachinery.com](http://www.cnbmachinery.com)    [cnbsales@cnbmachinery.com](mailto:cnbsales@cnbmachinery.com)    (02) 8824-6391 /6386





# TABLE OF CONTENTS

|                                       |    |
|---------------------------------------|----|
| Machine Specifications -----          | 03 |
| Basic Guidelines to Follow -----      | 04 |
| Proper Rebar Cutting Guidelines ----- | 08 |



**TYC-NHD25**

**Electric Handy Cutter**

**Machine Specification**

|                           |   |
|---------------------------|---|
| <b>Cutting Capacity</b>   | 10-25mm rebar (0.375-1.00 inches)             |
| <b>Motor</b>              | 2.1kW (2HP)                                   |
| <b>Power Requirements</b> | Single phase, 220V-230V 60HZ (factory set up) |
| <b>Weight</b>             | 23kg / 51lb                                   |
| <b>Dimension</b>          | (L) 500mm (W) 157mm (H) 250mm                 |

**Number of rebars the machine can cut at once**

|                          |         |         |         |         |          |          |
|--------------------------|---------|---------|---------|---------|----------|----------|
| <b>Diameter of Rebar</b> | 25mm    | 22mm    | 19mm    | 16mm    | 13mm     | 10mm     |
| <b>No. of Rebars</b>     | 1 rebar | 1 rebar | 1 rebar | 1 rebar | 2 rebars | 3 rebars |

**Power Cable Requirements**

|                             |                                |                      |
|-----------------------------|--------------------------------|----------------------|
| <b>Power Supply / Power</b> | <b>Standard Sizes / Length</b> | <b>Excess Length</b> |
|-----------------------------|--------------------------------|----------------------|

220-230V, single phase, 2HP, 2.2KW

#12 AWG / 3.5mm wires, Max length from Main Circuit Breaker 20 Amps is 30 meters

When the wire exceeds 30 meters, replace the wires to a bigger size depending on the length requirements to avoid power fluctuation or voltage drop.

## Power Supply Guidelines



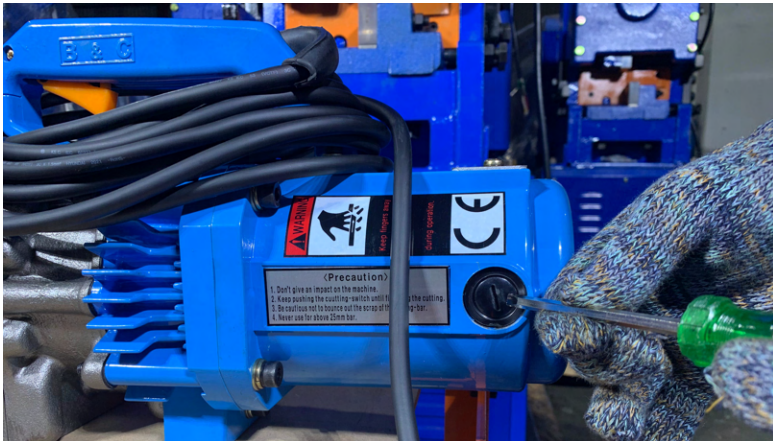
Make sure to check that the power supply is stable between 220-230V. The machine's power supply can be supplied by plugging it in to a socket or you may choose to tap directly from the main circuit breaker. We recommend that you would use a thicker power cable to avoid power fluctuation.

## How to activate the TYC-NHD25

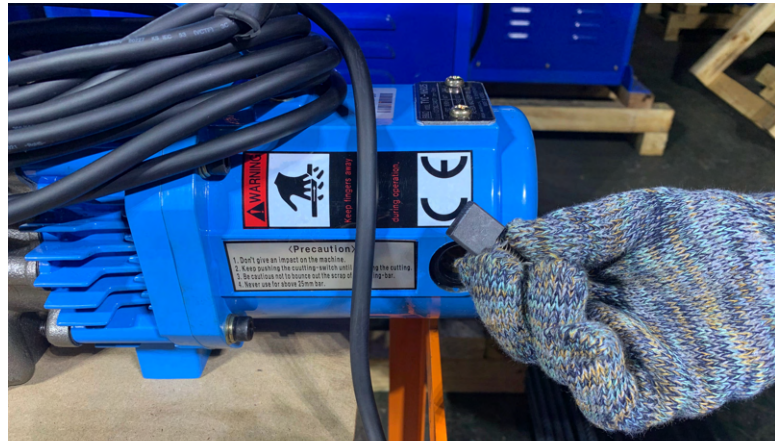


Activate the machine by pressing the deco switch. When cutting rebars gently press the deco switch in short intervals. Once the blade is near the rebar, fully press the deco switch until the rebar has been cut.

## Carbon Brush Inspection



Step 1



Step 2

When the machine is in use, the carbon brush located in the side of the machine will slowly be worn out. In order to inspect the carbon brush, use the screw driver included in the tool box and check the carbon brush.

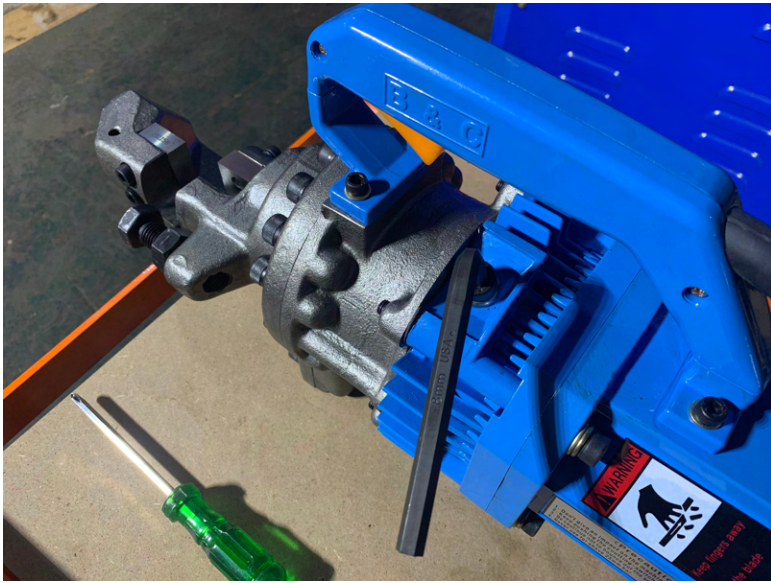
**NOTE:** Many times, a worn out carbon brush is the cause of an inoperable machine. This is why it is important to check the carbon brush from time to time.

## When is it time to change your carbon brush?



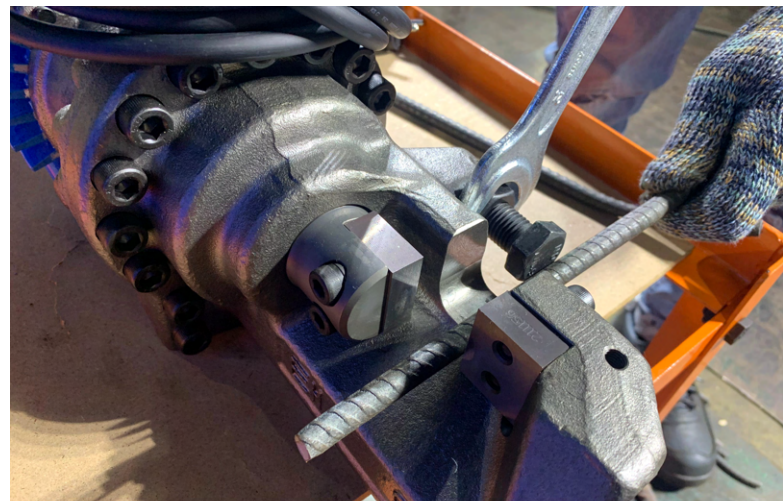
The carbon brush on the left is a brand new carbon brush. If you look closely, you can see the number "27" inscribed in the carbon brush. That will be the indicator of a carbon brush that is usable. The carbon brush on the right is a worn out carbon brush. And as seen in the picture, the carbon brush is no longer usable if it reaches the inscribed "27".

## Change Oil for maintenance and smooth cutting



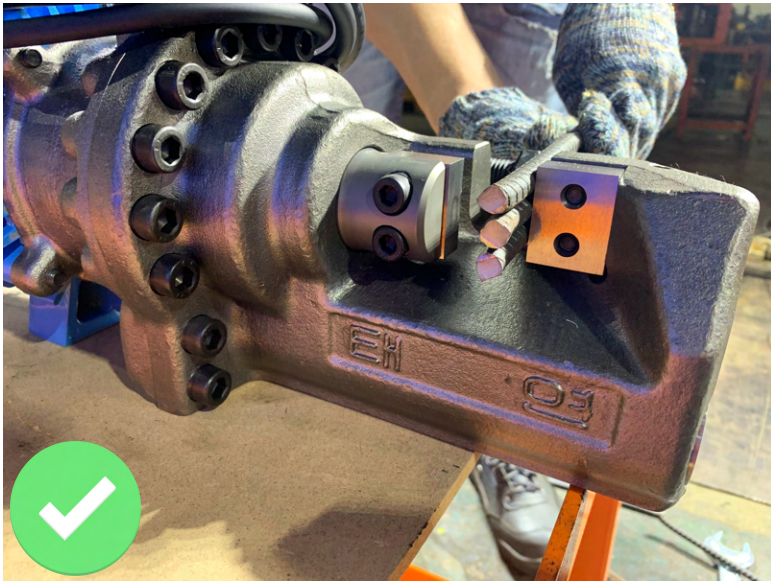
The TYC-NHD25 is an hydraulic machine. The oil of the machine has to be refilled and changed from time to time for the machine to properly operate. Use the Allen Wrench to remove the cap of the oil and change the oil of the machine to operate the machine to its original capability and performance.

## Adjusting of Bar Stopper for accurate cutting of rebars



The TYC-NHD25 is a 25mm cap electric rebar handy cutter. Its maximum capacity is 25mm Grade 60 rebars. Adjust the bar stopper located beside the cutter blade by using the wrench included in the tool box to accurately cut the rebars

## Proper way of placing rebars when cutting



Before cutting the rebars, make sure that the rebars enter in the side where the bar stopper is located. Holding on the rebar in the opposite side of the bar stopper can lead to serious injuries as the operator can lose his grip due to the vibration of the machine.

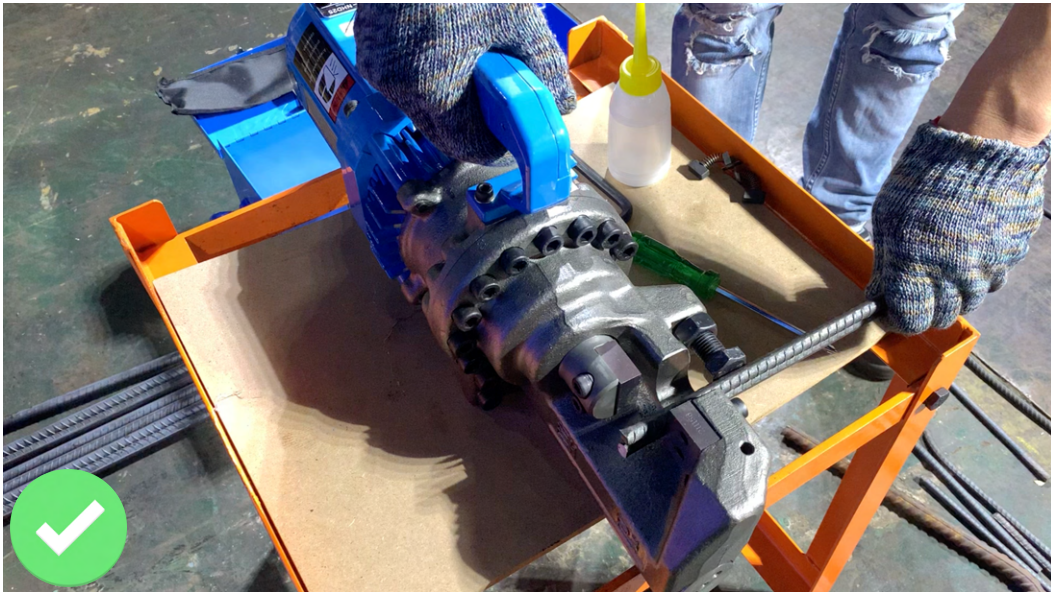
**NOTE: The TYC-NHD25 is a powerful machine. Please be mindful of the safety precautions emphasized for the safety of the machine operators.**

## Maximizing the Cutter Blades (4 usable sides)

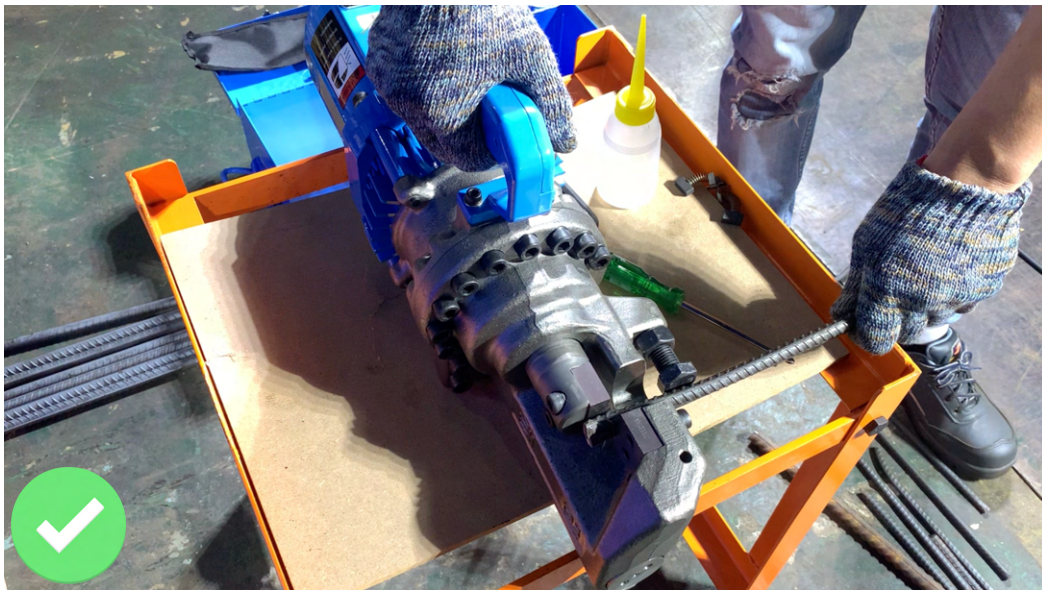


All 4 sides of our cutter blades can be used for cutting. As mentioned above, make sure that when cutting, the rebars will come in contact only with **one side** of the blade so that you can use all 4 sides of the cutter blade to its **maximum capacity**.

## Proper Rebar Cutting Guidelines



Make sure to follow the proper number of rebars to cut at once. Refer to page 3 for the highest number of rebars you may choose to cut at once. Not following the instructions will lead to shorter lifespan of your bar cutter blades.

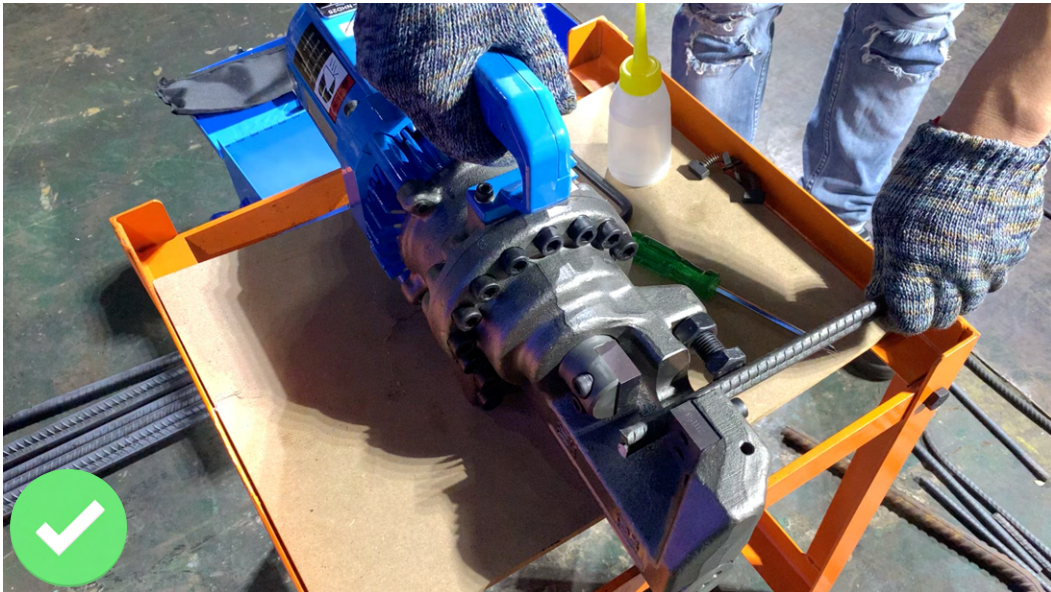


When cutting rebars, make sure to firmly grip on the handle of the machine so that you will not lose hold of the machine while engaging in cutting. As mentioned in page 7, make sure that your other hand is holding onto the rebars in the side of the bar stopper. DO NOT hold rebars on the opposite side as it may cause serious injuries to the operator.

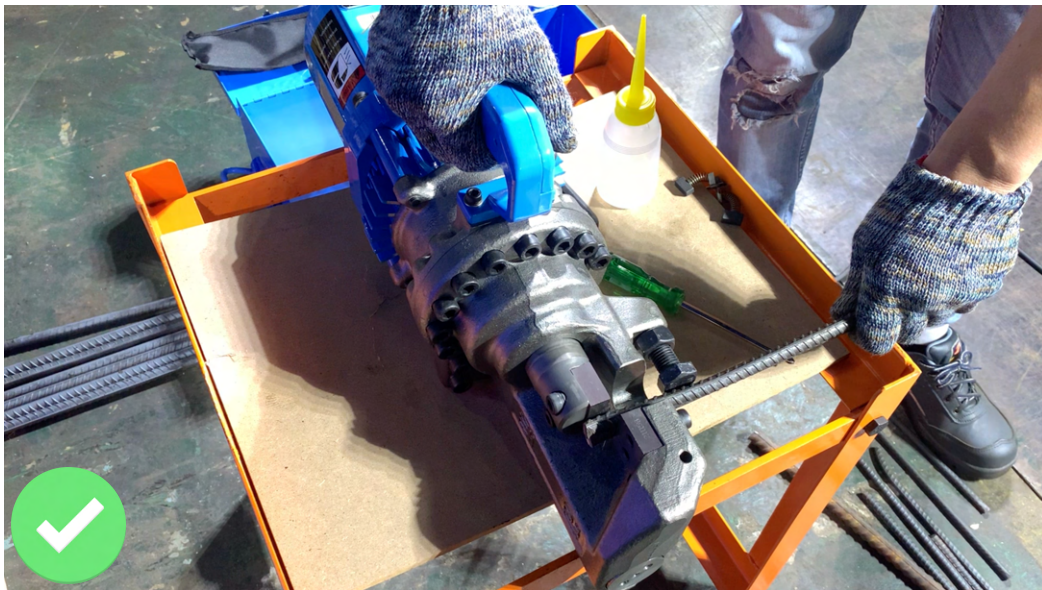
**NOTE: For every 3-4 hours of consecutive usage, make sure to rest the machine for 15-30 minutes. Failure to do so may cause leaks from the seal and gasket.**



## After Sales Service



Make sure to follow the proper number of rebars to cut at once. Refer to page 3 for the highest number of rebars you may choose to cut at once. Not following the instructions will lead to shorter lifespan of your bar cutter blades.

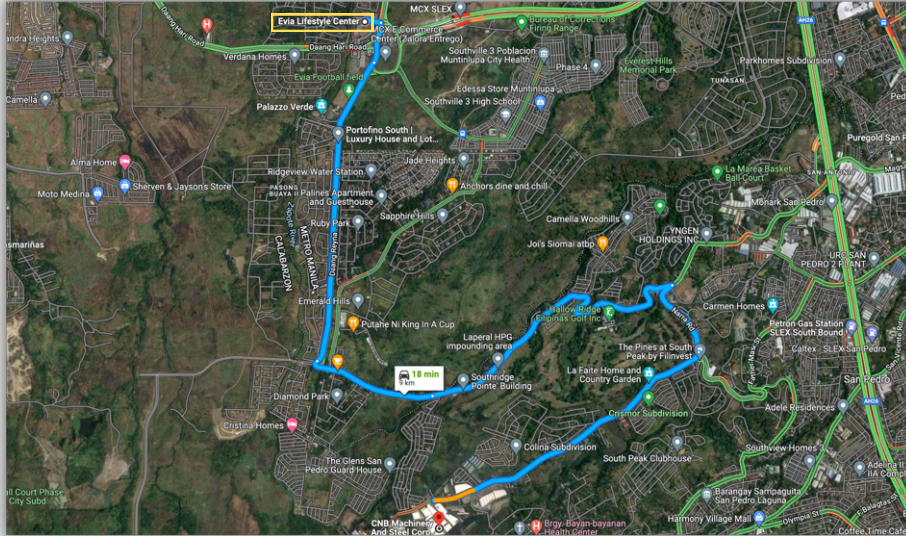


When cutting rebars, make sure to firmly grip on the handle of the machine so that you will not lose hold of the machine while engaging in cutting. As mentioned in page 7, make sure that your other hand is holding onto the rebars in the side of the bar stopper. DO NOT hold rebars on the opposite side as it may cause serious injuries to the operator.

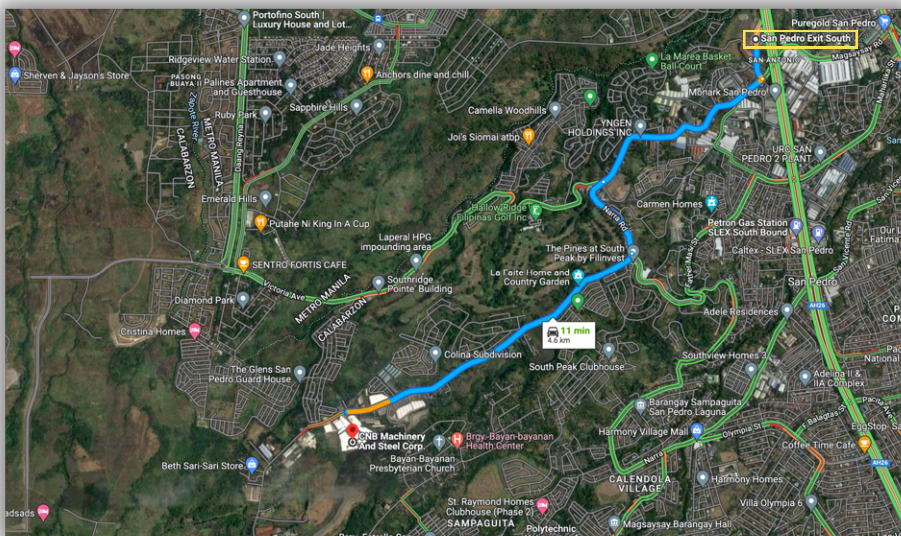
**NOTE: For every 3-4 hours of consecutive usage, make sure to rest the machine for 15-30 minutes. Failure to do so may cause leaks from the seal and gasket.**

# THANK YOU, AND WE LOOK FORWARD TO BE PARTNERS WITH YOU

## Route from Evia Lifestyle Center

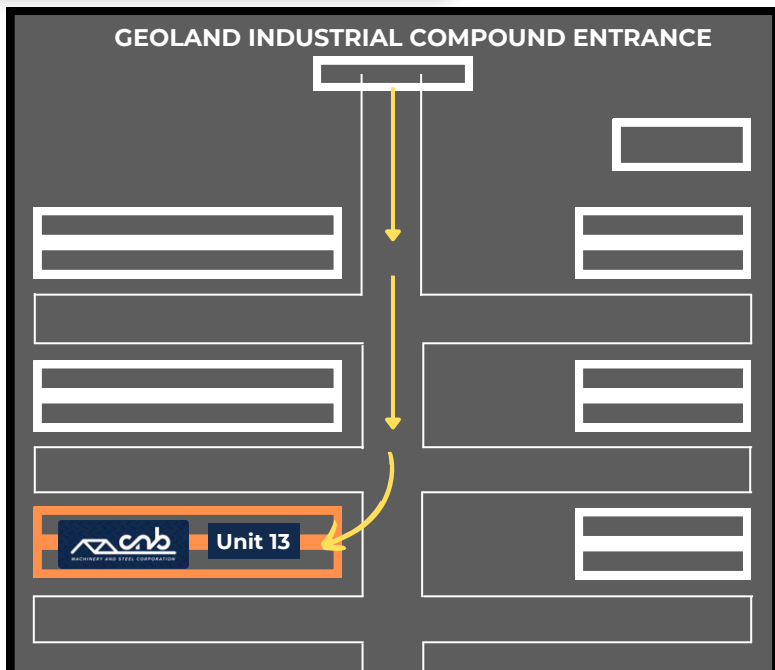


## Route from San Pedro Exit South



SKETCH OF COMPOUND

Entrance of the Industrial Compound



### CNB MACHINERY AND STEEL CORPORATION

Unit #13 Geoland Industrial Compound 7760  
 Narra Road Barangay San Antonio San Pedro Laguna  
 TEL: (02) 8824-6386/8824-6389/8824-6346/8824-6391  
 FAX: (02) 8857-2346  
 E-mail: cnbsales@cnbmachinery.com  
 Website: www.cnbmachinery.com

The Home of Rebar Handling Machines

