



**KN-D3**  
**10' MANUAL ROLLER TABLE**  
**WITH DIGITAL READ-OUT**  
**USER'S MANUAL**

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## 1. GENERAL INFORMATION

### 1.1. Introduction

The user's manual given by the manufacturer contains information about the machine parts. Each machine operator should read these instructions carefully, and the machine should be operated after fully understanding them.

Safe and efficient use of the machine for long term depends on understanding and following the instructions contained in this manual. The technical drawings and details contained in this manual constitute a guide for the operator.

### 1.2. Distributor

**ATech Machine, Inc.**  
8539 Ziggy Lane  
Gaithersburg, MD 20877 – USA  
Ph.: 240-505-1967  
Fax: 302-560-6627  
[info@ATechMachinery.com](mailto:info@ATechMachinery.com)

\*In case of any technical problem please contact your nearest ATECH dealer or ATECH head office through the above mentioned phone, fax or e-mail address.

\*Technical labels with the model description of the machine are fixed onto the front side of each machine.

\*The machine's serial number and manufacturing year are stipulated on the technical label.

## 2. DESCRIPTION AND TECHNICAL FEATURES

### 2.1. Description

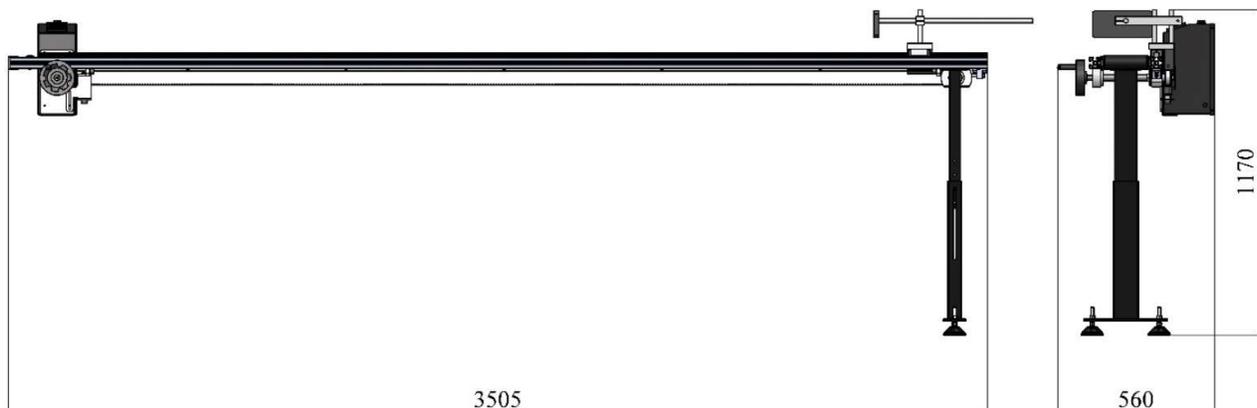
Conveyor with digital display, used for support of long profiles with saws.

- Profile construction
- Linear system, manual stop fence
- Length: 3m (10'), Width: 210 mm

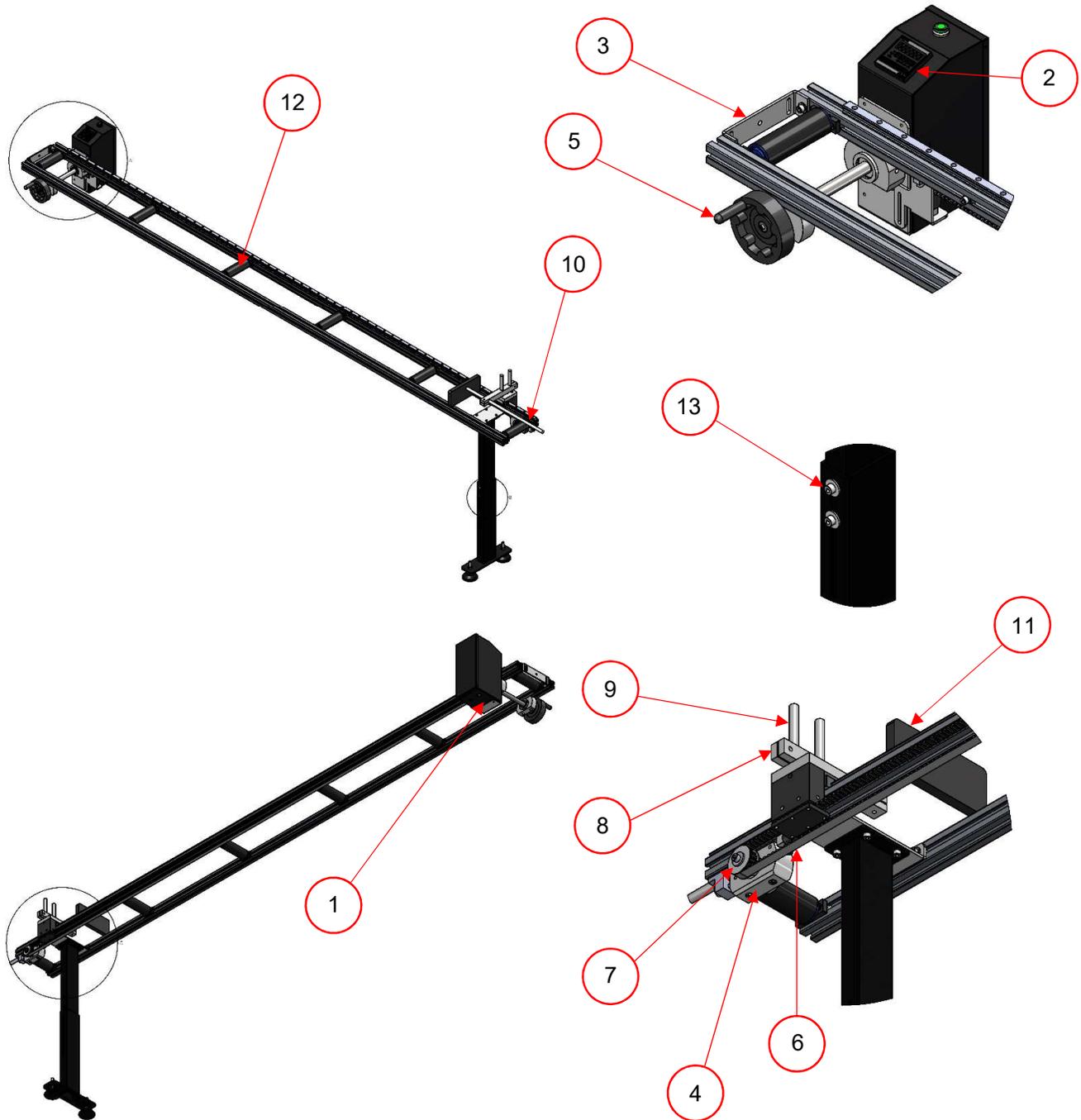
Please mention the below mentioned data in all your correspondence regarding the unit with the manufacturer and/or your ATECH dealer.

- Unit model
- Serial number
- Name of dealer where the conveyor was purchased
- Date of purchase
- Description of the issue

### 2.2. Dimensions



### 2.3. Parts List ve Technical Drawings



Part No	Part Name	QTY	Part No	Part Name	QTY
1	Digital Conveyor Board	1	8	Backing Vertical Connection Shaft	2
2	Digital Screen – CT6M-1P4	1	9	Backing Shaft Connect Llama	1
3	Conveyor-Machine Connect Sheet Metal	1	10	Backing Shaft	1
4	Pulley Mounting Part	2	11	Profile Backing Bracket	1

5	Flounce	/	12	Conveyor Roller	6
6	Timing Belt	/	13	M8x12 Imbus Bolt	2
7	Timing Belt Pulley	/			

### 3. SAFETY

#### 3.1. Safety Information

The symbols shown hereunder are necessary to be read with special attention.

Not reading or observing of them may cause damage to the equipment or personal injury.



The **IMPORTANT** symbol above is one telling to apply special care and to be careful at carrying out the specified operation.



The **CAUTION!** symbol above warns you against specific dangers and requires to read the text. Not observing may cause damage to the equipment.



The above symbol **DANGER WARNING**, warns you against specific dangers and you have definitely to read them. Negligence may cause damage to the equipment and bodily injury. Read the user's manual carefully before using the machine or carrying out maintenance works.



#### 3.2. Accident Prevention

- 3.2.1. Our machines are manufactured in accordance with EN 60204-1 and EN 292-2 CE safety directives, which cover national and international safety directives.
- 3.2.2. It is the task of the employer to warn his staff against risks, to train them on prevention of accident, to provide for necessary safety equipment and devices for the operator's safety.
- 3.2.3. Before starting to work with the machine, the operator should check the features of the machine, learn all details of the machine's operation.
- 3.2.4. Machine should be operated only by staff members, who have read and understood the contents of this manual.
- 3.2.5. All directives, recommendations and general safety rules contained in this manual have to be observed fully. The machine cannot be operated in any way for purposes other than those described herein. Otherwise, the manufacturer shall not be deemed responsible for any damages or injuries. And such circumstances would lead to the termination of the warranty.

#### 3.3. General Safety Information



- 3.3.1. The power cable should be led in such a way that nobody can step on it or nothing can be placed on it. Special care be taken regarding the inlet and outlet sockets.
- 3.3.2. If the power cable should be damaged during operation, don't touch and unplug it. Never use damaged power cables.
- 3.3.3. Don't overload machines for drilling and cutting. Your machine will operate more safely with power supply in accordance CE with the stipulated values.
- 3.3.4. Don't place your hands between parts in motion.
- 3.3.5. Use protective eye glasses and ear plugs. Don't wear oversized clothes and jewels. These can be caught by moving.
- 3.3.6. Keep your working place always clean, dry and tidy for accident prevention and safe operation.



- 3.3.7. Use correct illumination for the safety of the operator. (ISO 8995-89 Standard The Lighting of Indoor Work System)
- 3.3.8. Don't leave anything on the machine.
- 3.3.9. Don't use any materials other than those recommended by the manufacturer for cutting operations on the machine.
- 3.3.10. Ensure that the work piece is clamped appropriately by the machine's clamp or vice.
- 3.3.11. Ensure safe working position, always keep your balance.
- 3.3.12. Keep your machine always clean for safe operation. Follow the instructions at maintenance and replacement of accessories. Check the plug and cable regularly. If





damaged, let it replace by a qualified electrician. Keep handles and grips free of any oil and grease.

- 3.3.13. Unplug first, before conducting and maintenance works.
- 3.3.14. Ensure that any keys or adjustment tools have been removed before operating the machine.
- 3.3.15. If you are required to operate the machine outside, use only appropriate extension cables.
- 3.3.16. Repairs should be carried out by qualified technicians only. Otherwise, accidents can occur.
- 3.3.17. Before starting a new operation, check the appropriate function of protective devices and tools, ensure that they work properly. All conditions have to be fulfilled in order to ensure proper operation of your machine. Damaged protective parts and equipment have to be replaced or repaired properly (by the manufacturer or dealer).
- 3.3.18. Don't use machines with improperly functioning buttons and switches.
- 3.3.19. Don't keep flammable, combustible liquids and materials next to the machine and electric connections.

### 3.4. Safety Symbols And Meanings

	Electric warnings.		Use protective goggles.
	If main connection cable is damaged during operation, do not touch it and disconnect the main plug from main socket.		Use protective earmuffs.
	When machine is working, do not make your hand close to saw blade.		Use protective gloves when changing the saw.
	Keep working environment clean, dry and tidy.		Read operating instructions carefully before using or maintaining the machine.

## 4. TRANSPORT OF THE CONVEYOR

### IMPORTANT

\* The transport should be done by qualified personnel only.

- 4.1.1. The machine should be transported by lifting with proper equipment (not touching the ground during the transport).
- 4.1.2. The machine is delivered wrapped in nylon and packed in carton box, unless other form of packing is agreed upon with the customer.
- 4.1.3. For the weight and overall dimensions of the machine see Technical Features.
- 4.1.4. Keep the carton box packing of the machine for future use.

## 5. INSTALLATION OF YOUR CONVEYOR

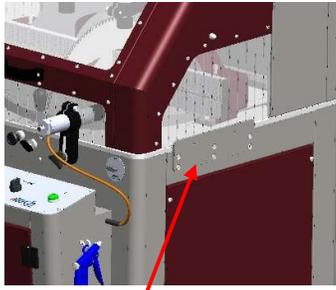
The ground, where the machine will be placed, should be even, solid enough to bear the weight of the machine.

### 5.1. Preparation

#### IMPORTANT

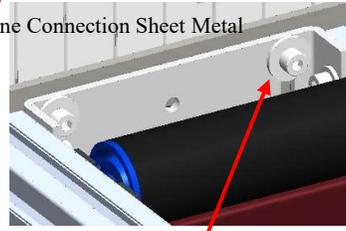
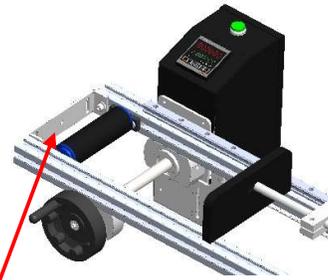
Remove the bolts and stopper connections first, which are used to fix the moving parts, before making the electric connection and starting the machine.

- 5.1.1. To connect the conveyor to the desired machine, mount the conveyor-machine connection plate to the corresponding place on the machine with M8 bolt. (Parts List, No: 3)



Conveyor Connection Sheet Metal

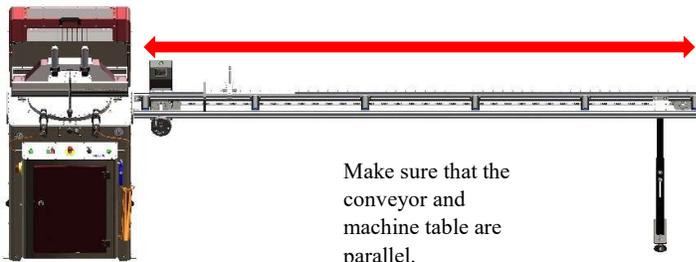
The bolt connections on the sheet metal will come to each other.



Machine Connection Sheet Metal

Complete the assembly with M8 washer and bolt.

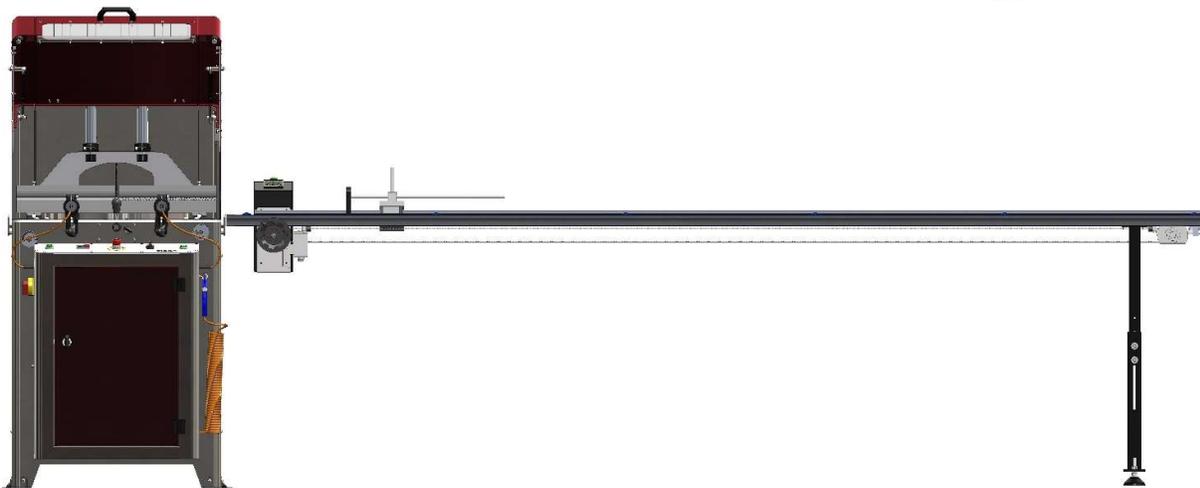
5.1.2. Use the bolts to adjust the height of the conveyor. (Part List, No. 13)



Make sure that the conveyor and machine table are parallel.



Tighten the bolts after adjusting the height of the conveyor.



5.1.3. Connect the connecting cable socket with a plug conforming to the CE standard.

5.1.4. Check your input energy before energizing the machine.

## 6. CONVEYOR SAFETY DATA

- 6.1.1. Lifting, installation, electric maintenance of the machine should be carried out by qualified personnel only.
- 6.1.2. Routine maintenance and scheduled maintenance should be carried out by qualified personnel after unplugging the machine first.
- 6.1.3. Ensure that the machine has been cleaned, tested and maintained before starting to operate it.
- 6.1.4. Check the safety devices, power cable and moving parts regularly. Don't operate the machine before having replaced defective safety devices or faulty parts.
- 6.1.5. Keep foreign materials away from the working area of the machine, keep away from the machine's moving parts.

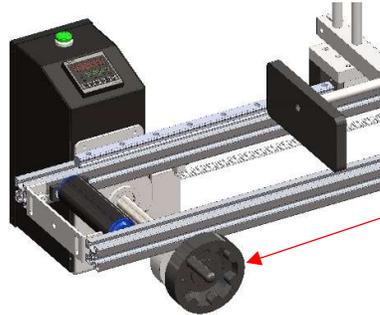
**IMPORTANT**

The safety data have been defined above. In order to prevent physical damage or damage to the equipment, please read the safety information carefully and keep the manual always in an easy accessible place.

## 7. OPERATION

### 7.1. Dispatch Process

Turn the handwheel clockwise or counterclockwise to send the stop fence to the desired length.



By turning the handwheel clockwise or counterclockwise, you can move the stop fence in the desired direction.

### 7.2. Measurement Reset

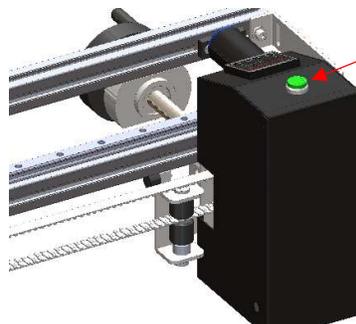
Press the reset button (RST) on the digital display once to reset the measurement.

Press the RST button 1 time to reset the dimension.



### 7.3. Timing Belt Tightening System

Press the button on the panel to brake the mechanism.



Press button for piston on-off.

## **8. MAINTENANCE SERVICE AND REPAIR**

### **8.1. Maintenance At The End Of The Working Day**

- 8.1.1. Unplug the machine.
- 8.1.2. Remove all burr, chip and foreign materials from the machine surfaces. Use gloves to protect your hands from the sharp edges of the blade.
- 8.1.3. Don't use materials for cleaning the machine, which could damage its paint.