

**Wood-Mizer®**  
**MR200 Centering Table**  
Safety, Operation  
and Maintenance Manual

---

**Centering Table**

**rev.A1.00**

---



**Safety is our #1 concern!** Read and understand all safety information and instructions before operating, setting up and/or maintaining this equipment.

*Form #2550*

## Table of Contents

## Section-Page

<b>SECTION 1</b>	<b>SAFETY INSTRUCTIONS</b>	<b>1-1</b>
1.1	Safety Symbols.....	1-1
1.2	Safety Instructions.....	1-2
<b>SECTION 2</b>	<b>GENERAL INFORMATION</b>	<b>2-1</b>
2.1	Major components of the Centering Table.....	2-1
<b>SECTION 3</b>	<b>SETUP &amp; OPERATION</b>	<b>3-1</b>
3.1	Setup.....	3-1
3.2	Operation of the MR200 Centering Table.....	3-3
<b>SECTION 4</b>	<b>MAINTENANCE</b>	<b>4-1</b>
4.1	Lubrication .....	4-1
4.2	Optical system .....	4-3
4.3	Drive Chain .....	4-4
4.4	Safety Devices Inspection .....	4-8
<b>SECTION 5</b>	<b>SPECIFICATIONS</b>	<b>5-1</b>
5.1	Dimensions .....	5-1
5.2	Motor Specifications .....	5-2
5.3	Air Supply Specification .....	5-2

## Getting Service

Wood-Mizer is committed to providing you with the latest technology, best quality and strongest customer service available on the market today. We continually evaluate our customers' needs to ensure we're meeting current wood-processing demands. Your comments and suggestions are welcome.

### *General Contact Information*

From Europe call your local distributor or our European Headquarters and Manufacturing Facility in Koło, Nagórna 114 St, Poland at **+48-63-2626000**. From the continental U.S., call our U.S. Headquarter 8180 West 10th St. Indianapolis, IN 46214, toll-free at **1-800-525-8100**. Ask to speak with a Customer Service Representative. Please have your machine identification number and your customer number ready when you call. The Service Representative can help you with questions about the operation and maintenance of your machine. He also can schedule you for a service call.

### **Office Hours:**

Country	Monday - Friday	Saturday	Sunday
Poland	7 a.m.- 3 p.m.	Closed	Closed
US	8 a.m.- 5 p.m.	8 a.m.- 12 p.m	Closed

Please have your vehicle identification number and your customer number ready when you call.

Wood-Mizer will accept these methods of payment:

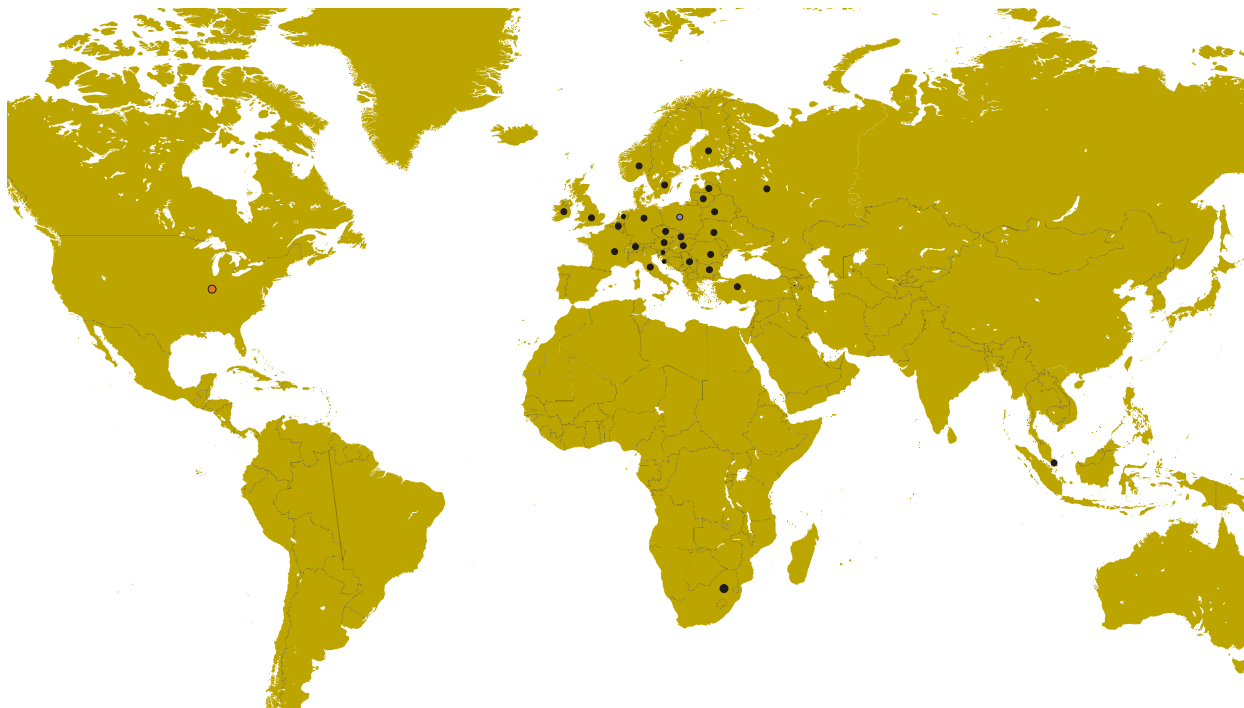
- Visa, Mastercard, or Discover
- COD
- Prepayment
- Net 15 (with approved credit)



Be aware that shipping and handling charges may apply. Handling charges are based on size and quantity of order.

Technical data are subject to change without prior notice.

Actual product may differ from product images. Some illustrations show machines with optional equipment.

## Branches & Authorized Sales Centers Wood-Mizer Locations (North and South America)



EUROPE		UNITED STATES
<p> <b>European Headquarters</b>  <b>Wood-Mizer Industries Sp. z o.o.</b>  Nagórna 114, 62-600 Koźo, Poland  Tel.: +48-63-26-26-000  Fax: +48-63-27-22-327  <a href="http://www.woodmizer.eu">www.woodmizer.eu</a></p>		<p> <b>World Headquarters</b>  <b>Wood-Mizer LLC</b>  8180 West 10th Street  Indianapolis, Indiana 46214-2400, USA  Tel.: +1-317-271-1542  Fax: +1-317-273-1011  <a href="http://www.woodmizer.com">www.woodmizer.com</a></p>
<p><b>BELARUS</b>  <b>MOST-GRUPP</b>  Siemashko 15, k.3  Minsk 2200116  Tel.: +375-17-270-90-08  Fax: +375-17-270-90-08  GSM: +375-29-649-90-80  e-mail: <a href="mailto:most-by@mail.ru">most-by@mail.ru</a></p>	<p><b>SWITZERLAND Stefan Wespi</b>  Maschinen u. Geräte  Spezialarbeiten GmbH  Eichstraße 4  6353 Weggis  Tel.: +41-413-900-312  GSM: +41-799-643-594  <a href="mailto:info@woodmizer.ch">info@woodmizer.ch</a>  <a href="http://www.woodmizer.ch">www.woodmizer.ch</a></p>	<p><b>RUSSIA Dariusz Mikołajewski</b>  <b>OOO WOOD-MIZER INDUSTRIES</b>  141031, Moscow  Reg., Mytishenski raj., pos. Veshki,  Zavodskaja str., 3B  Tel.Fax: +7(495) 788-72-35  Tel.Fax: +7(495) 641-51-60  e-mail: <a href="mailto:dariuszm@woodmizer-moscow.ru">dariuszm@woodmizer-moscow.ru</a></p>
<p><b>BULGARIA Kalin Simeonov</b>  <b>Ecotechproduct</b>  38 Star Lozenski pat str.  Sofia 1186  Tel.: +359-2-462-7035  Tel.: +359-2-963-1656  Tel./Fax  : +359-2-979-1710  <b>Kalin Simeonov</b>  GSM: +3592-963-2559  e-mail: <a href="mailto:office@ecotechproduct.com">office@ecotechproduct.com</a></p>	<p><b>HUNGARY Wiktor Turoczy</b>  <b>Wood-Mizer Hungary K.F.T.</b>  Szonyi Ut 67., 2921 Komárom  Tel./Fax: +36-34-346-255  e-mail: <a href="mailto:woodmizer@woodmizer.hu">woodmizer@woodmizer.hu</a></p>	<p><b>RUSSIA Far East Wladimir Głazaczew</b>  <b>"WM Service"</b>  Krasnoretchenskaya Str.111  680006 Khabarovsk  Tel./Fax: +7-914-541-1183  e-mail: <a href="mailto:wms-khv@mail.ru">wms-khv@mail.ru</a></p>

<b>CROATIA Krešimir Pregernik Pregimex d.o.o.</b> S. Batušića 31, 10090 Zagreb Tel./Fax: +3851-38-94-668 <b>Krešimir Pregernik</b> GSM: +3851-98-207-106 e-mail: <a href="mailto:Kresimir.Pregernik@gmail.com">Kresimir.Pregernik@gmail.com</a>	<b>ITALY Pasquale Felice Wood-Mizer Italia Srl</b> <b>Cda. Capoiaccio SN</b> 86012 Ceremaggiore Campobasso Tel./Fax: +39-0874-798-357 GSM: +39-333-281-03-79 e-mail: <a href="mailto:wmitaliasrl@gmail.com">wmitaliasrl@gmail.com</a>	<b>SERBIA Dragan Markov Wood-Mizer Balkan d.o.o.</b> Svetosavska GA 3/3; P. Fah 25 23 300 Kikinda Tel./Fax: +381-230-25-754 Tel./Fax: +381-230-23-567 GSM: +381-63-568-658 e-mail: <a href="mailto:office@woodmizer.co.yu">office@woodmizer.co.yu</a>
<b>CZECH REPUBLIC Miroslav Greill Wood-Mizer CZ s.r.o.</b> Za Kasárny 946 339 01 Klatovy Tel: +420-376-312-220 GMS: +420-608-111-104 <b>Miroslav Greill</b> GMS: + 420-602-439-799 E-mail: <a href="mailto:woodmizer@woodmizer.cz">woodmizer@woodmizer.cz</a>		<b>SLOVAKIA Viktor Turoczy Wood-Mizer Danubia s.r.o.</b> Hadovce 5, 94501 Komárno Tel.: +421-35-77-40-316 Fax: +421-35-7740-326 GSM: +421-905-930-972 e-mail: <a href="mailto:woodmizer@woodmizer.sk">woodmizer@woodmizer.sk</a>
<b>CZECH REPUBLIC Lubomir Kudlik Wood-Mizer Moravia</b> Sovadinova 6 69002 Breclav Tel./Fax: +420-519-322-443 <b>Lubomir Kudlik</b> GSM: +420-602-734-792 e-mail: <a href="mailto:info@wood-mizer.net">info@wood-mizer.net</a>	<b>LATVIA Vilmaris Jansons OBERTS Ltd</b> Gaujas str. 32/2 LV-2167 Marupe, Rigas Raj. Tel.: +371-7-810-666 Fax: +371-7-810-655 <b>Vilmaris Jansons</b> GSM: +371-92-06-966 <b>Andris Orols</b> GSM: +371-28-33-07-90 e-mail: <a href="mailto:andris@oberts.lv">andris@oberts.lv</a>	<b>TURKEY Er-Ka Ahsap Profil Kerestecilik San. ve Tic. Ltd. Sti.</b> Adana Keresteciler Sitesi 191 sk No.41 ADANA Tel.: +90-322-346-15-86 Fax: +90-322-345-17-07 GSM: +90-533-363-18-44 e-mail: <a href="mailto:info@erkaahsap.com.tr">info@erkaahsap.com.tr</a>
<b>FINLAND Howard Blackburn Oy Falkberg Jordbruk Ab</b> Falkintie 220 25610 Ylonkyla Tel.: +358-2732-2253 Fax: +358-2732-2263 <b>Howard Blackburn</b> GSM: +358-440-424-339 e-mail: <a href="mailto:falkberg@woodmizer.fi">falkberg@woodmizer.fi</a>	<b>LITHUANIA Andrius Zuzevicius UAB Singlis</b> Savanoriu pr. 187, 2053 Vilnius Tel.: +370-5-2-32-22-44 Fax: +370-5-2-64-84-15 GSM: +370-620-28-645 e-mail: <a href="mailto:andrius.z@singlis.lt">andrius.z@singlis.lt</a>  <b>Dmitrij Gaiduk</b> GSM: +370-69-84-51-91 e-mail: <a href="mailto:dmitrijus.g@singlis.lt">dmitrijus.g@singlis.lt</a>	<b>UKRAINE Ivan Vinnicki MOST UKRAINA</b> bul. Myru 3, Bajkivtsi Ternoplskyj r-j Ternopolska oblast 47711 Ukraine Tel/Fax: +38 (0352) 52 37 74 GSM: +38 (067) 352 54 34 GSM: +38 (067) 674 50 68 E-mail: <a href="mailto:most-ukraina@ukr.net">most-ukraina@ukr.net</a>
<b>FRANCE Tizoc Chavez Wood-Mizer France</b> 556 chemin des Embouffus, ZAC des Basses Echarrieres 38440 SAINT JEAN DE BOURNAY Tel: +33-4 74 84 84 44 GSM: +33-607 52 02 82 Mail: <a href="mailto:tchavez@woodmizer.fr">tchavez@woodmizer.fr</a>	<b>NORWAY Tor Bakken Flaathe</b> Bakken Flaathe A/S Løkenvegen 5, 2034 Holter Tel: + 47-638 74 989 Sales: + 47- 412 80 076 Service: +47- 975 87 588 <a href="mailto:post@woodmizer.no">post@woodmizer.no</a> <a href="http://www.woodmizer.no">www.woodmizer.no</a>	<b>UNITED KINGDOM &amp; IRELAND Wood-Mizer UK</b> Hopfield Barn Kenward Road, Yalding Kent ME18 6JP, UK Tel.: +44-1622-813-201 Fax: +44-1622-815-534 e-mail: <a href="mailto:info@woodmizer.co.uk">info@woodmizer.co.uk</a>
<b>SLOVENIA Jan Fale FAMTEH d.o.o.</b> Gacnikova pot 2, 2390 Ravne na Koroskem Tel.: +386-2-62-04-232 Fax: +386-2-62-04-231 <b>Jan Fale</b> GSM: +386-2-62-04-230 e-mail: <a href="mailto:jan.fale@famteh.si">jan.fale@famteh.si</a>  <b>Matjaz Kolar</b> Tel.: +386-2-62-04-232 GSM: +386-31-775-999 e-mail: <a href="mailto:matjaz.kolar@famteh.si">matjaz.kolar@famteh.si</a>		

<b>GERMANY/AUSTRIA Klaus Longmuss</b> <b>Wood-Mizer GmbH</b> Dorfstraße 5, 29485 Schletau <b>Büro</b> Tel: +49-5883 988 010 <b>Werkstatt</b> Tel: +49-5883 988 220 <b>Ersatzteilservice</b> Tel: +49 58 83 - 98 80 250 <b>Schärfservice</b> Tel: +49-58 83 - 98 80 270 <b>E-mail:</b> <a href="mailto:info@woodmizer.de">info@woodmizer.de</a> <a href="http://www.woodmizer.de">www.woodmizer.de</a> <b>Klaus Longmuss</b> Tel.: +49-5883-9880-12 GSM: +49-17-298-55-892 e-mail: <a href="mailto:KLongmuss@woodmizer.de">KLongmuss@woodmizer.de</a>	<b>Subagent:</b> <b>SWEDEN Kjell Larsson</b> <b>Mekwood AB</b> Slingan 14, 812 41 Gästrike-Hammarby Tel.: +46-290-515-65 <b>Kjell Larsson</b> GSM: +46-706-797-965 e-mail: <a href="mailto:kjell.larsson@mekwood.se">kjell.larsson@mekwood.se</a>	<b>IRELAND</b> <b>Wood-Mizer Ireland</b> Stephen Brennan Cum Lahardane Ballina County Mayo Tel:+353 96 51345 E-mail: <a href="mailto:brennanmill@ericom.net">brennanmill@ericom.net</a>
<b>Subagents:</b> <b>DENMARK Kevin Christiansen</b> Kevin Christiansen's savværker PMV Arnborgvej 40, 7330 Brande- Fæsteholt  Mobile: +45 61468763 Mobile: +45-23495828 <a href="mailto:Info@woodmizer.dk">Info@woodmizer.dk</a> <a href="http://www.woodmizer.dk">www.woodmizer.dk</a>	<b>ROMANIA Adrian Echert</b> <b>SC WOOD-MIZER RO SRL</b> TRANSILVANIEI Nr. 5 Sibiu, Cisnadie 555300 Tel.:Fax: : +40-369-405-433 GSM: +40-745-707-323 e-mail: <a href="mailto:aechert@woodmizer.ro">aechert@woodmizer.ro</a>	Regional Manager - Asia Robert Moxham Regional Direction - Asia Wood-Mizer Asia Manufacturing Co., Ltd. No.2, Gongyequ 40th Rd. Xitun District, Taichung City, 40768, Taiwan, R.O.C. TEL: +886-4-2359 3022 FAX: +886-4-2359 3205 CELL: +886-9-0568 7708 EMAIL: <a href="mailto:RMoxham@woodmizer.com">RMoxham@woodmizer.com</a> <a href="http://www.woodmizerasia.com">www.woodmizerasia.com</a> Skype: r.g.moxham
<b>NETHERLANDS Gerlo Breukers</b> Breukers Houtzagerij en Bosbouwmachines Hazenweg 5, 7481 PC Haaksbergen Tel: +31-535741326 Mobile: +31-620419412 <a href="mailto:info@woodmizer.nl">info@woodmizer.nl</a> <a href="http://www.woodmizer.nl">www.woodmizer.nl</a>	<b>Subagent:</b> <b>ROMANIA M. Echert</b> <b>S.C. Echert Comprod s.r.l</b> Str. Schitului Nr. 6, Apt.7 etajul-1 725 70 Vatra Dornei, Romania Tel.:Fax: +40-230-374-235 Tel. : +40-740-35-35-74	Regional Manager - Africa Gavin Prowse Regional Sales Director - Africa Wood-Mizer Africa (Pty) Ltd. Unit 1, Leader Park 20 Chariot Street Stormill Ext.5 Maraiburg, Johannesburg South Africa TEL: +27 11 473 1313 FAX: +27 11 473 2005 CELL: +27 71 398 8010 EMAIL: <a href="mailto:growse@woodmizer.com">growse@woodmizer.com</a> <a href="http://www.woodmizer africa.com">www.woodmizer africa.com</a> Skype: gavin.prowse

## USA World Headquarters

### *Serving North & South America, Oceania, East Asia*

Wood-Mizer LLC  
8180 West 10th Street  
Indianapolis, IN 46214  
  
Phone: 317.271.1542 or 800.553.0182  
Customer Service: 800.525.8100  
Fax: 317.273.1011  
Email: [infocenter@woodmizer.com](mailto:infocenter@woodmizer.com)

## Brazil Headquarters

### *Serving Brazil*

Wood-Mizer do Brasil  
Rua Dom Pedro 1, No: 205 Bairro: Sao Jose  
Ivoti/RS CEP:93.900-000  
  
Tel: +55 51 9894-6461/ +55 21 8030-3338/ +55 51 3563-4784  
Email: [info@woodmizer.com.br](mailto:info@woodmizer.com.br)

## Canadian Headquarters

### *Serving Canada*

Wood-Mizer Canada  
396 County Road 36, Unit B  
Lindsay, ON K9V 4R3  
  
Phone: 705.878.5255 or 877.357.3373  
Fax: 705.878.5355  
Email: [ContactCanada@woodmizer.com](mailto:ContactCanada@woodmizer.com)

## Europe Headquarters

### *Serving Europe, Africa, West Asia*

Wood-Mizer Industries Sp z o.o.  
Nagorna 114  
62-600 Kolo, Poland  
  
Phone: +48.63.26.26.000  
Fax: +48.63.27.22.327

## Branches & Authorized Sales Centers

For a complete list of dealers, visit [www.woodmizer.com](http://www.woodmizer.com)

## SECTION 1 SAFETY INSTRUCTIONS

### 1.1 Safety Symbols

The following symbols and signal words call your attention to instructions concerning your personal safety. Be sure to observe and follow these instructions.



The word **DANGER** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



**WARNING!** suggests a potentially hazardous situation which, if not avoided, could result in death or serious injury.



**CAUTION** refers to potentially hazardous situations which, if not avoided, may result in minor or moderate injury to persons or equipment.



**IMPORTANT!** indicates vital information.

**NOTE:** gives helpful information.



Warning stripes are placed on areas where a single decal would be insufficient. To avoid serious injury, keep out of the path of any equipment marked with warning stripes.

## 1.2 Safety Instructions

**NOTE:** ONLY safety instructions regarding personal injury are listed in this section. Caution statements regarding only equipment damage appear where applicable throughout the manual.

### *Observe Safety Instructions*



**IMPORTANT!** Read the entire Operator's Manual before operating the units. Take notice of all safety warnings throughout this manual and those posted on the equipment. Keep this manual with this equipment at all times, regardless of ownership.

Also read any additional manufacturer's manuals and observe any applicable safety instructions including dangers, warnings, and cautions.

Only persons who have read and understood the entire operator's manual should operate this equipment. The equipment is not intended for use by or around children.



**IMPORTANT!** It is always the owner's responsibility to comply with all applicable federal, state and local laws, rules and regulations regarding the ownership, operation and towing of your Wood-Mizer equipment.

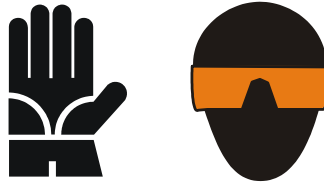




### ***Wear Safety Clothing***



**WARNING!** Secure all loose clothing and jewelry before operating this equipment. Failure to do so may result in serious injury or death.



**WARNING!** Always wear eye, ear, respiration and foot protection as well as safety clothing when operating or servicing the equipment.



### ***Keep the Equipment and Area Around Clean***



**DANGER!** Maintain a clean and clear path for all necessary movement around the equipment and lumber stacking areas. Failure to do so may result in serious injury.

### ***Dispose Of Sawing By-Products Properly***



**IMPORTANT!** Always properly dispose of all sawing by-products, including sawdust and other debris.

***Check the Equipment Before Operation***

**DANGER!** Make sure all guards and covers are in place and secured before operating the equipment. Failure to do so may result in serious injury.

***Keep Persons Away***

**DANGER!** Keep all persons out of the path of moving equipment and lumber when operating the equipment. Failure to do so may result in serious injury.



**DANGER!** Be sure that all persons are away from the equipment before starting it. Failure to do so may result in serious injury.

***Keep Hands Away***

**DANGER!** Always keep hands away from moving chain. Failure to do so may result in serious injury.



**DANGER!** Always be aware of and take proper protective measures against rotating shafts, pulleys, fans, etc. Always stay a safe distance from rotating members and make sure that loose clothing or long hair does not engage rotating members resulting in possible injury.



### *Use Proper Maintenance Procedures*



**DANGER!** Make sure all electrical installation, service and/or maintenance work is performed by a qualified electrician and is in accordance with applicable electrical codes.



**DANGER!** Hazardous voltage inside the electric box and at the motor can cause shock, burns, or death. Disconnect and lock out power supply before servicing! Keep all electrical component covers closed and securely fastened during equipment operation.



**WARNING!** Consider all electrical circuits energized and dangerous.



**WARNING!** Disconnect and lock out power supply before servicing! Failure to do so may result in serious injury.



**WARNING!** Never assume or take the word of another person that the power is off; check it out and lock it out.



**WARNING!** Do not wear rings, watches, or other jewelry while working around an open electrical circuit.



**CAUTION!** The conveyor's work-stand should be equipped with a 4 kg or bigger dry powder extinguisher.

**CAUTION!** Before installation of the blade, inspect it for damage and cracks. Use only properly sharpened blades. Always handle the blade with extreme caution. Use suitable carrier equipment for transporting the blades.

### ***Keep Safety Labels In Good Condition***



**IMPORTANT!** Always be sure that all safety decals are clean and readable. Replace all damaged safety decals to prevent personal injury or damage to the equipment. Contact your local distributor, or call your Customer Service Representative to order more decals.

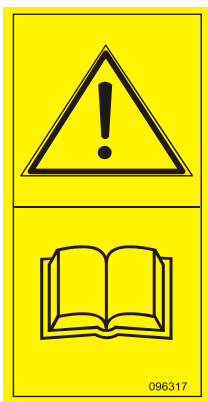


**IMPORTANT!** If replacing a component which has a safety decal affixed to it, make sure the new component also has the safety decal affixed.




### ***Safety Labels Description***

**See Table 1-1.** Pictographic safety labels are shown in the table below.

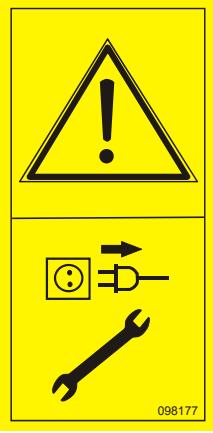



**TABLE 1-1**

Decal View	Decal No.	Description
	096317	Read thoroughly the operator's manual before operating the equipment. Observe instructions and safety rules when operating.

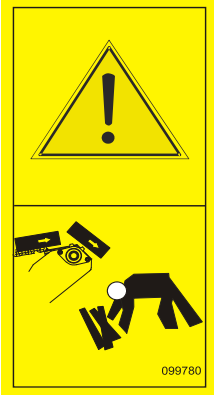
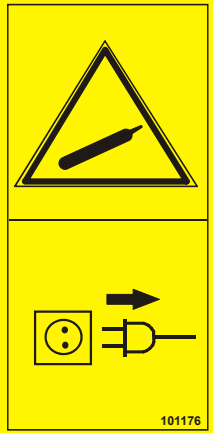

**TABLE 1-1**

	099220	Close all guards and covers prior to starting the equipment.
	099221	Keep all persons a safe distance away from work area when operating the unit.
	096314	Keep all persons a safe distance away from work area when operating the unit.

**TABLE 1-1**

	098177	Disconnect power supply before servicing.
	099540	CAUTION! Gear danger – keep a safe distance away!
	P85070	CE safety certification
	S20097	Motor rotation direction

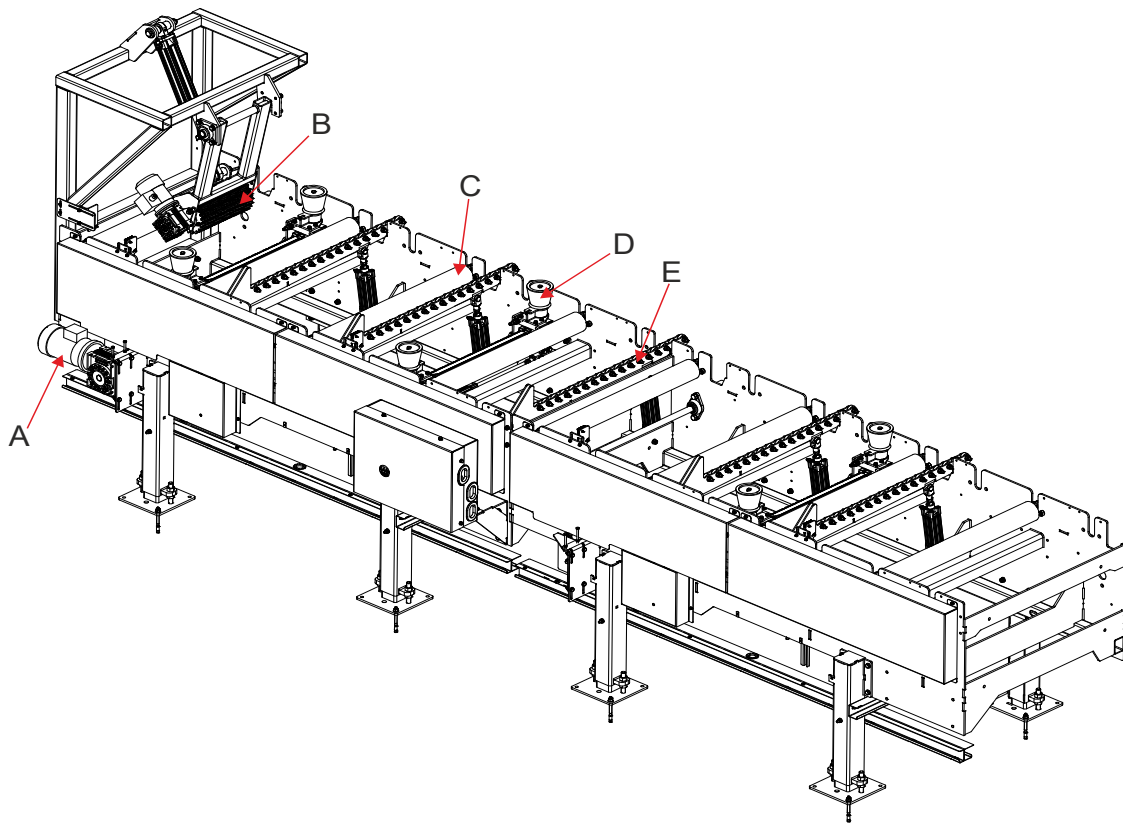
**TABLE 1-1**

	099780	Caution! Slabs falling off the deck!
	101176	CAUTION! Compressed air in the system even after electric power disconnection
	513181	Pressure value of the pneumatic system

## SECTION 2 GENERAL INFORMATION

### 2.1 Major components of the Centering Table

See Figure 2-1. The major components of the MR200 centering table are shown below.



**FIG. 2-1**

- A. Gear Motor
- B. Upper roller
- C. Centering table roller
- D. Centering mechanism
- E. Centering table loading arm



## SECTION 3 SETUP & OPERATION

### 3.1 Setup



**IMPORTANT!** Before starting to use the Centering Table, you have to meet the following conditions:

- Set up the Table on firm, level ground. Level the machine. Then secure the Table to the ground to prevent moving during operation. A concrete foundation (rated to support 31T/m<sup>2</sup> at each sawmill foot position) and anchored bolts are recommended.
- Centering Table must not be used outdoors when it is raining or snowing. In such a case, they must be used and stored under roof or indoors.
- The machine can be operated in the temperature range of -15° C to 40° C.
- The intensity of light at the operator's work-place must be at least 300lx.
- Have a qualified electrician install the power supply (according to EN 60204 Standard).



**IMPORTANT!** When starting the machine for the first time, check that the chains/rollers rotation direction is correct and the main motor rotation direction is as indicated by the arrow located on the motor body. If the rotation direction is incorrect, invert the phases in the phase inverter in the power socket (electric box). Setting the phases in the phase inverter correctly will ensure correct rotation directions of all motors.



**IMPORTANT!** When starting the equipment for the first time, let it run without load for the first 1-2 hours.



**DANGER!** It is recommended that a 30mA Ground Fault Interrupter (GFI) be used.



**CAUTION!** In case of emergency press the E-STOP button (B) located on the control panel of the Centering Table. Turn the emergency stop clockwise to release the stop. The Centering Table will not restart if the emergency stop is not released.

- The Centering Table can be lifted using a forklift, a winch or a crane. The belts and the lifting equipment must be rated for at least 2000kg (4400 lb).

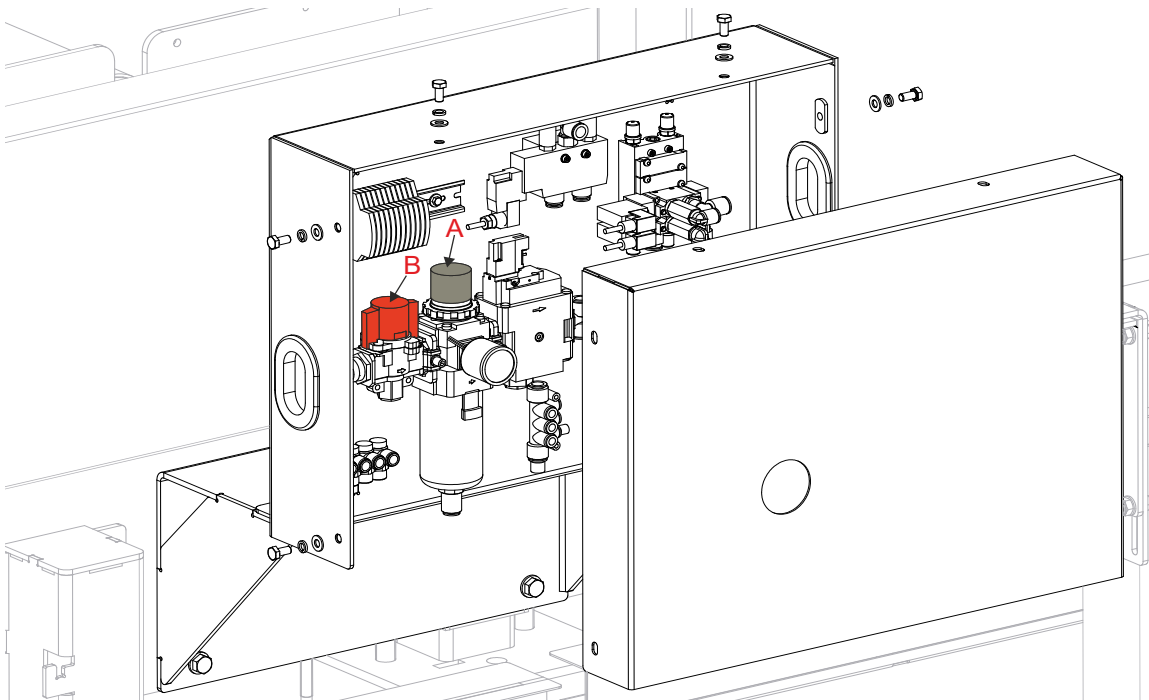


**WARNING!** When lifting the table, use extreme caution and keep all persons at a safe distance.

**See Figure 3-1.** Locate the air assembly. Connect the incoming air supply line to the fitting. Make sure the air gauge indicates 0,6MPa (6bar) Adjust the pressure if needed. To adjust the pressure, lift the grey cap (A) located behind the air gauge. Turn the cap (A) clockwise to increase pressure, turn the cap (A) counterclockwise to decrease pressure. Push the cap (A) down to secure when adjustment is complete. Air supply cut-off valve (B) should be used to disconnect air supply and release compressed air from the pneumatic system. Set the cut-off valve (B) to “SUP.” position for normal operation or to “Exh.” to release compressed air.



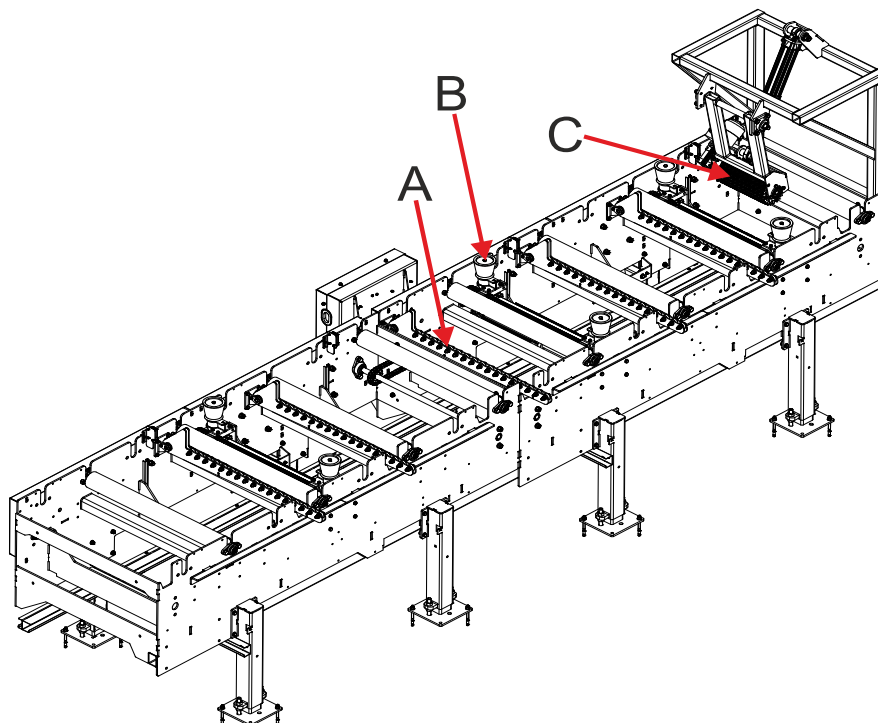
**WARNING!** Disconnect air supply and release compressed air from the air system before servicing the saw! Failure to do so may result in serious injury.



**FIG. 3-1**

## 3.2 Operation of the MR200 Centering Table

See Figure 3-2.

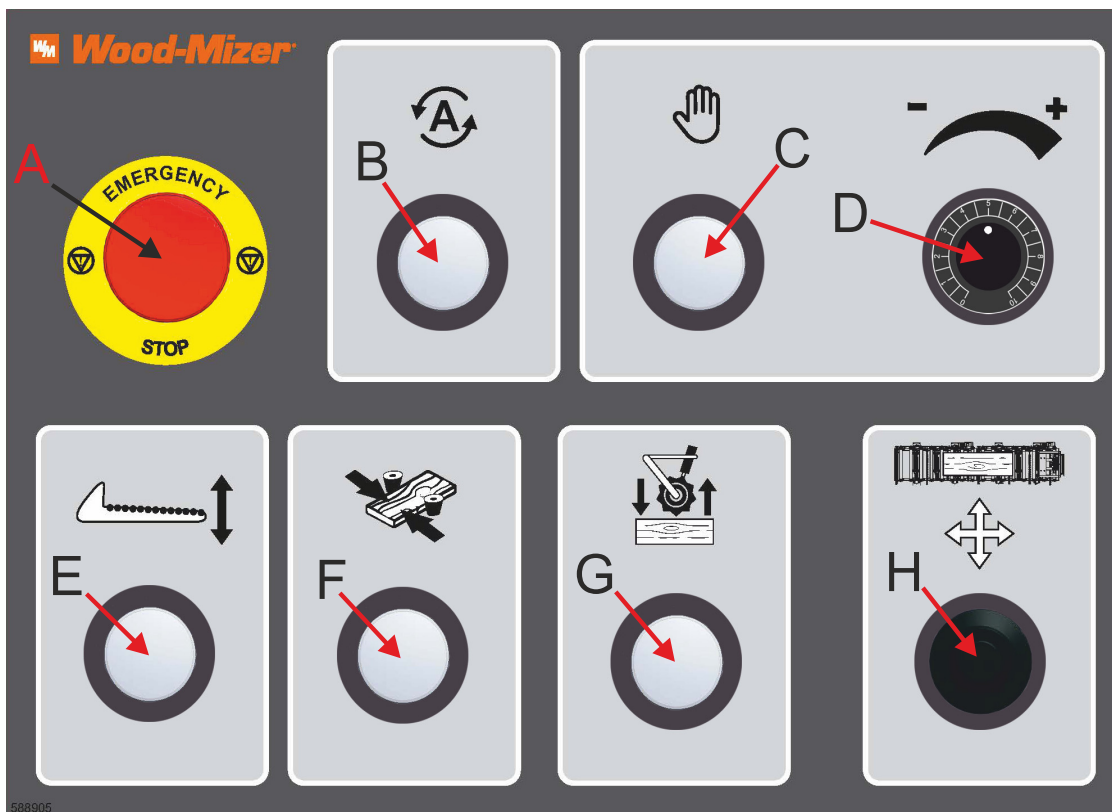


**FIG. 3-2**

- A.** Loading Arm
- B.** Centering Roller
- C.** Upper Roller

### Centering Table Control Box

See Figure 3-3.

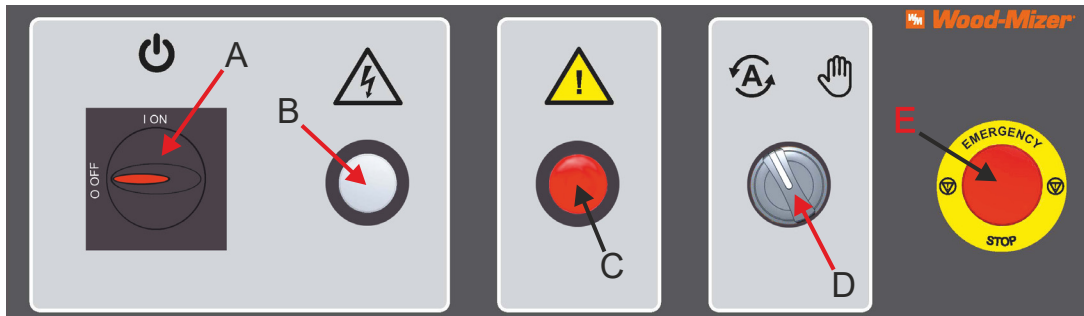


**FIG. 3-3 MR200 CENTERING TABLE CONTROL BOX**

- A.** E-STOP button. It stops the operation of the machine.
- B.** AUTO MODE button. It activates the automatic mode of centering table.
- C.** MANUAL MODE button. It activates the manual mode of the centering table.
- D.** FEED SPEED potentiometer. It changes the feed speed.
- E.** LOADING ARMS control button. It changes the position of the loading arms.
- F.** CENTERING MECHANISM button. It activates centering rollers.
- G.** UPPER ROLLER button. It changes the position of the upper roller.
- H.** CONTROL JOYSTICK. It controls centering table operation in manual mode.

### **Electrical Box Control Panel**

See Figure 3-4.



**FIG. 3-4 MR200 ELECTRICAL BOX CONTROL PANEL**

- A.** ELECTRICAL BOX ON/OFF switch.
- B.** POWER indicator. When the indicator lights up it means that the table has power
- C.** ERROR indicator. Lighting of this indicator indicates an inverter error or GV2 or GV3 protection disabled.
- D.** AUTO MODE / MANUAL MODE switch. Is used to select the table operation mode.
- E.** E-STOP button. It stops the operation of the machine.

### **Manual Mode**

In manual mode, the centering table is controlled by the operator and all operations must be performed by him. In manual mode, it is possible to change the table's feed speed. Operation with the control joystick:

- Left movement: retract the board / reverse feed action.
- Right movement: board feed towards the machine.
- Upward movement: loading the board on the sorting table (raising the loading arms).
- Downward movement: stopping table operation.

### **Auto Mode**

In auto mode, all operations (operation of loading arms, centering and top roller pressure) are performed automatically and the feed speed is matched to the feed speed of the MR200 machine.

## SECTION 4 MAINTENANCE

This section lists the maintenance procedures that need to be performed.



**This symbol** identifies the interval (hours of operation) at which each maintenance procedure should be performed.

**WARNING!** Disconnect and lock out power supply before servicing the Table! Failure to do so may result in serious injury.

**WARNING!** Disconnect air supply and release compressed air from the air system before servicing the machines! Failure to do so may result in serious injury.

### 4.1 Lubrication

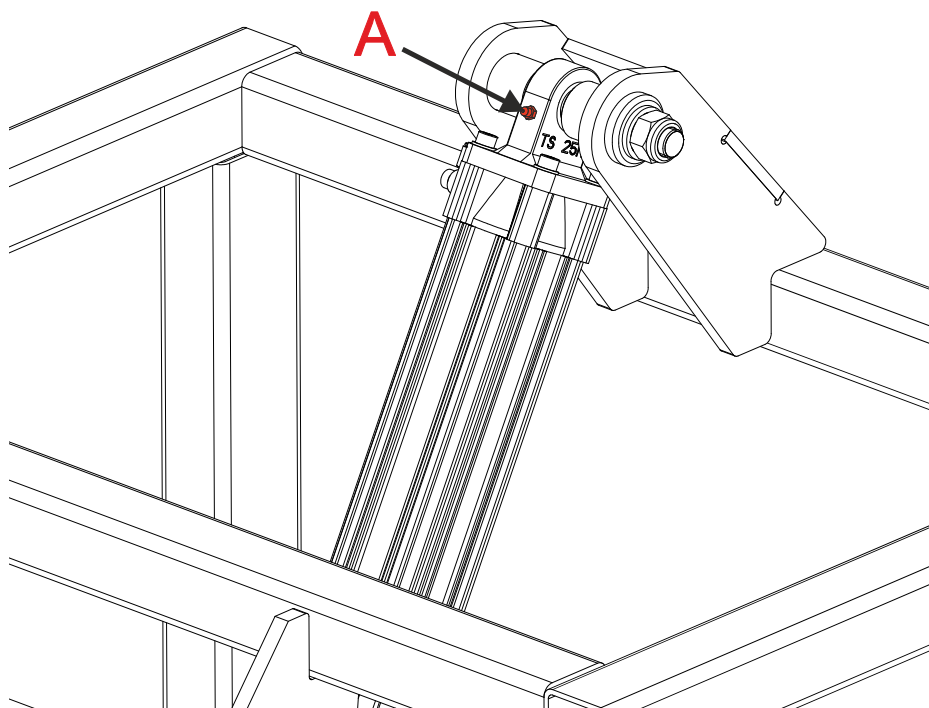


**CAUTION!** Never apply grease to the transfer chain. It causes sawdust buildup in chain links.



1. Using the grease fitting, lubricate the upper roller cylinder bearing every 50 hours of operation.

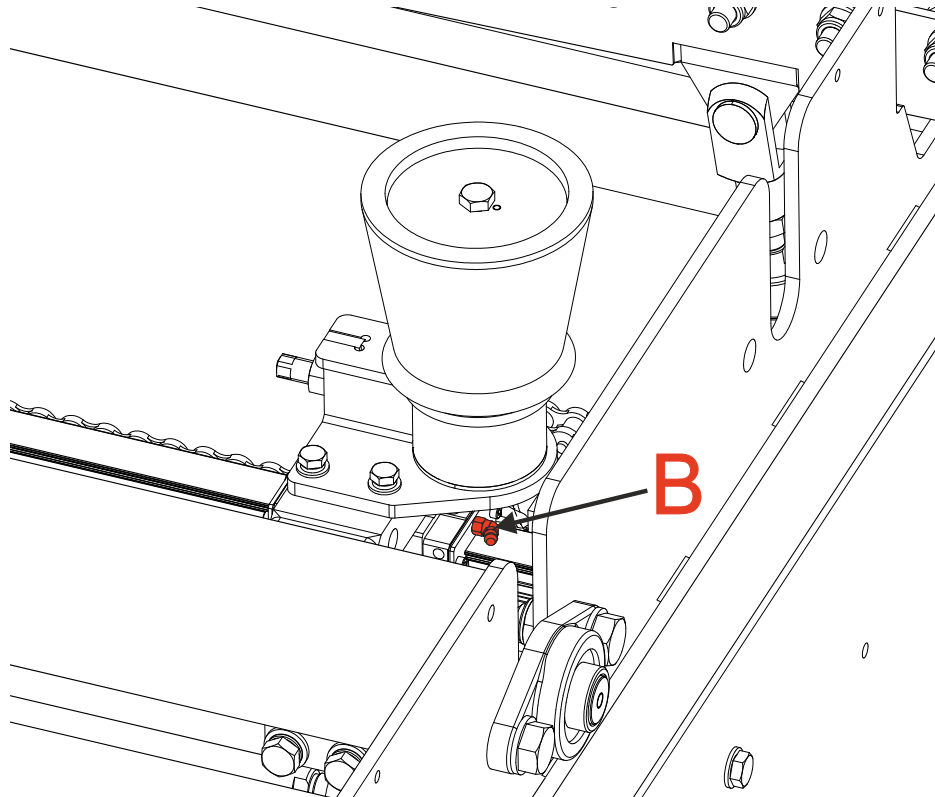
See Figure 4-1.



**FIG. 4-1**

2. Using the grease fittings, lubricate the linear guides with 1.3 cm<sup>3</sup> of lube. The lubrication interval of linear guides depends on the load, environmental conditions, etc.

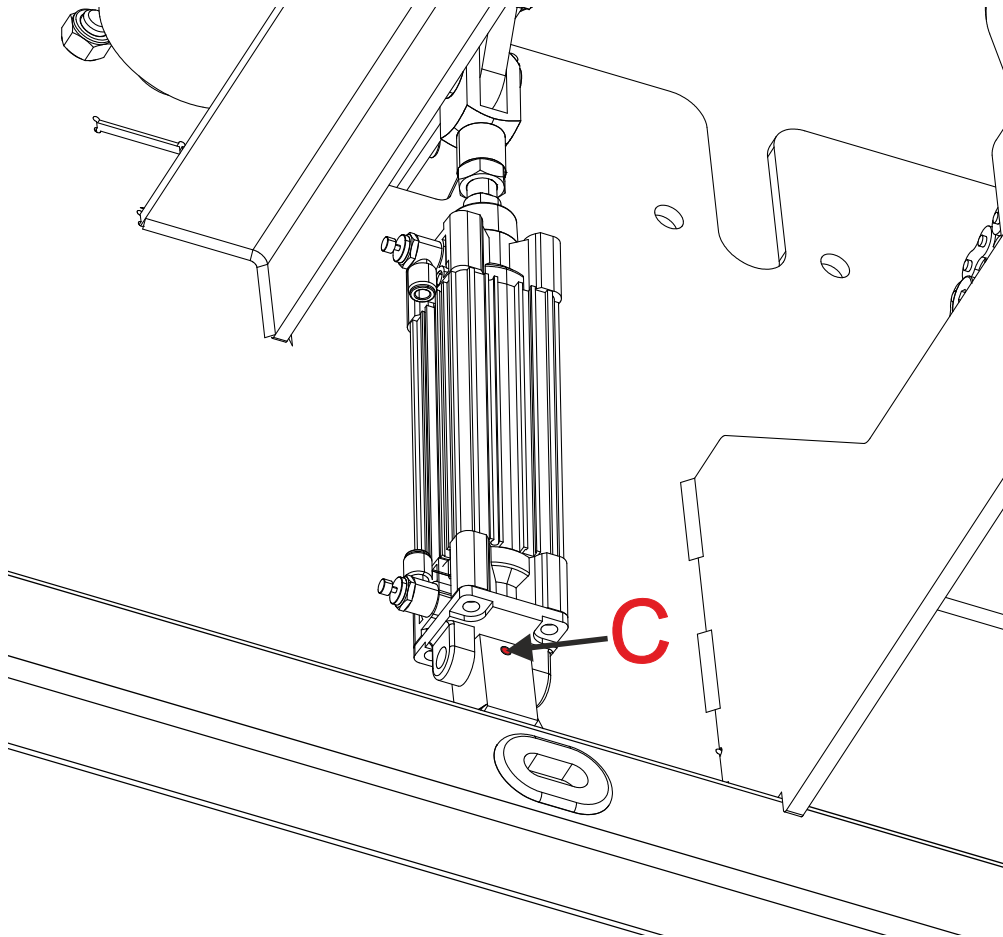
See Figure 4-2.



**FIG. 4-2**

3. Using the grease fittings, lubricate the bearings of the pneumatic cylinders every 50 hours of operation.

**See Figure 4-3.**



**FIG. 4-3**

4. Using the grease fittings, lubricate the drive shaft bearings every 50 hours of operation.
5. Make sure all safety warning decals are readable. Remove sawdust and dirt. Replace any damaged or unreadable decals immediately. Order decals from your Wood-Mizer Customer Service Representative.

## 4.2 Optical system

Be sure that the optical system is clean at all time, remove any dust from the sensor and mirror.



## 4.3 Drive Chain

### 4.3.1 Drive Chain Tension

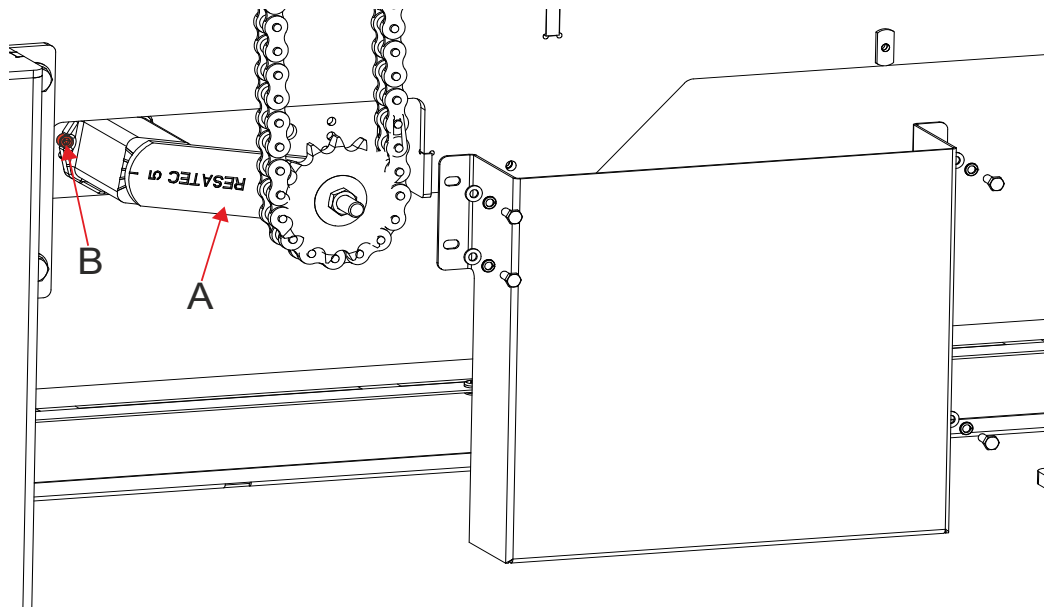
40

Check tensions of the drive chains every 40 hours of operation and adjust as necessary.

**See Figure 4-4.** The chain is tensioned by the tensioner (A), to adjust the drive chain do following steps:

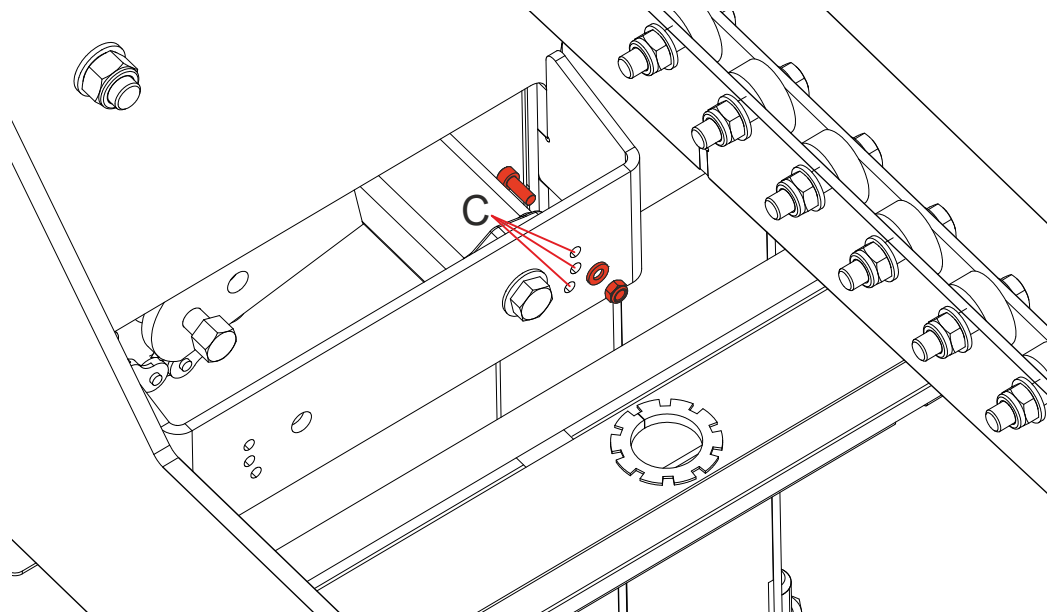
1. Unscrew mounting bolt (B)
2. Select one of the three chain tensioner adjustment positions (C) to get the correct chain tension. [See Figure 4-5.](#)
3. Lock the position of the tensioner with the screw (B) and tighten it.

**CAUTION!** Do not over-tension chains. Over-tensioning may lead to premature failure of the gears, bearings, rollers and chains.



**FIG. 4-4**

**See Figure 4-5.**



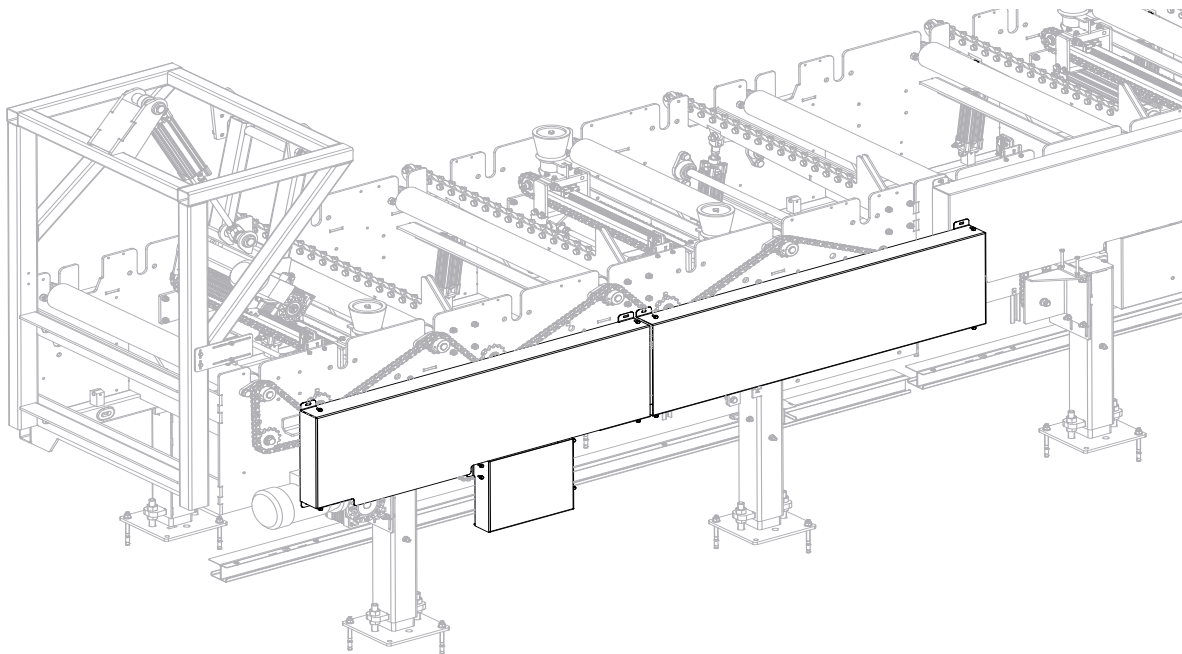
**FIG. 4-5**

### 4.3.2 Drive Chain Replacement/Mounting

To replace the drive chain perform following steps:

1. Loosen the chain [See Section 4.3.1](#)
2. Dismount the side covers.

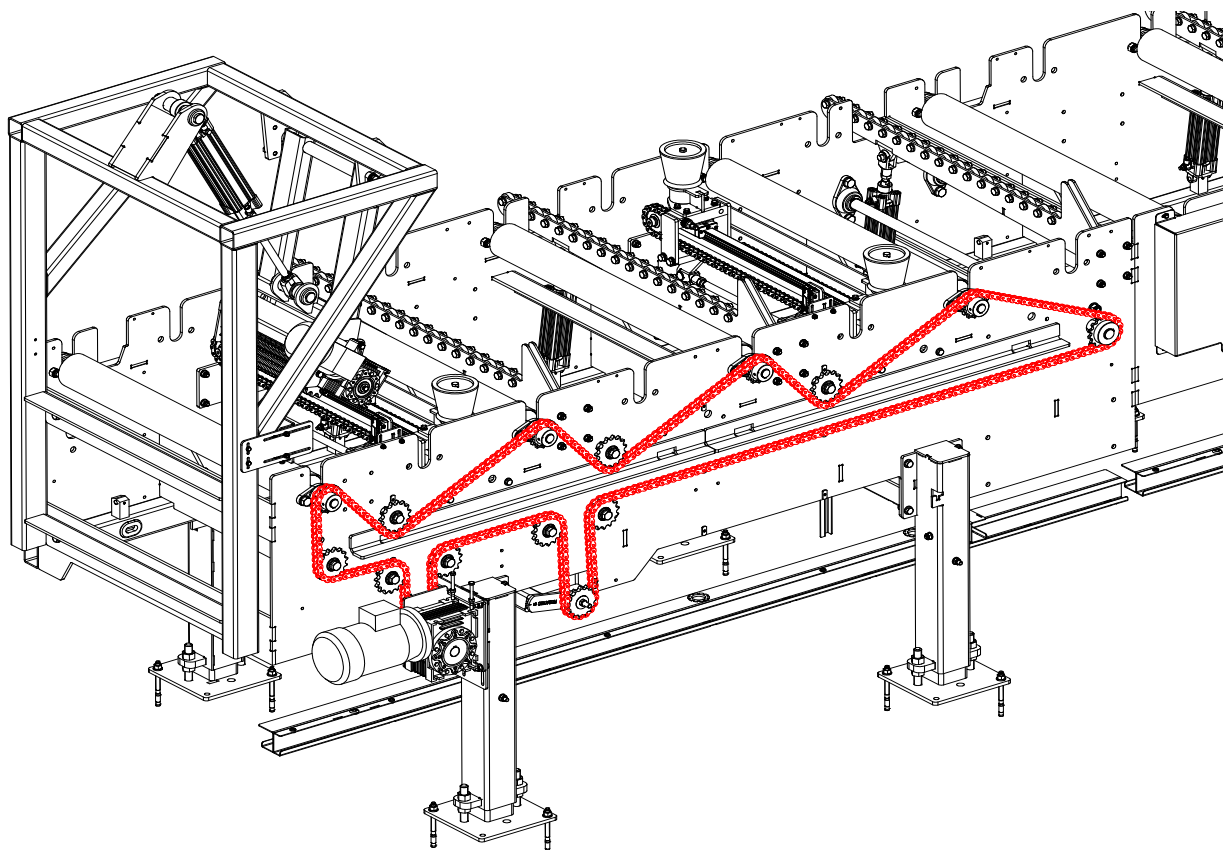
**See Figure 4-6.**



**FIG. 4-6**

3. Locate and disconnect the chain link. Dismount worn/damaged chain.
4. Route the chain as shown below.

**See Figure 4-7.**



**FIG. 4-7**

5. Tension the chain [See Section 4.3.1.](#)

## 4.4 Safety Devices Inspection

### *Safety Devices Inspection*

Safety devices on the Centering Table which must be checked before every shift:

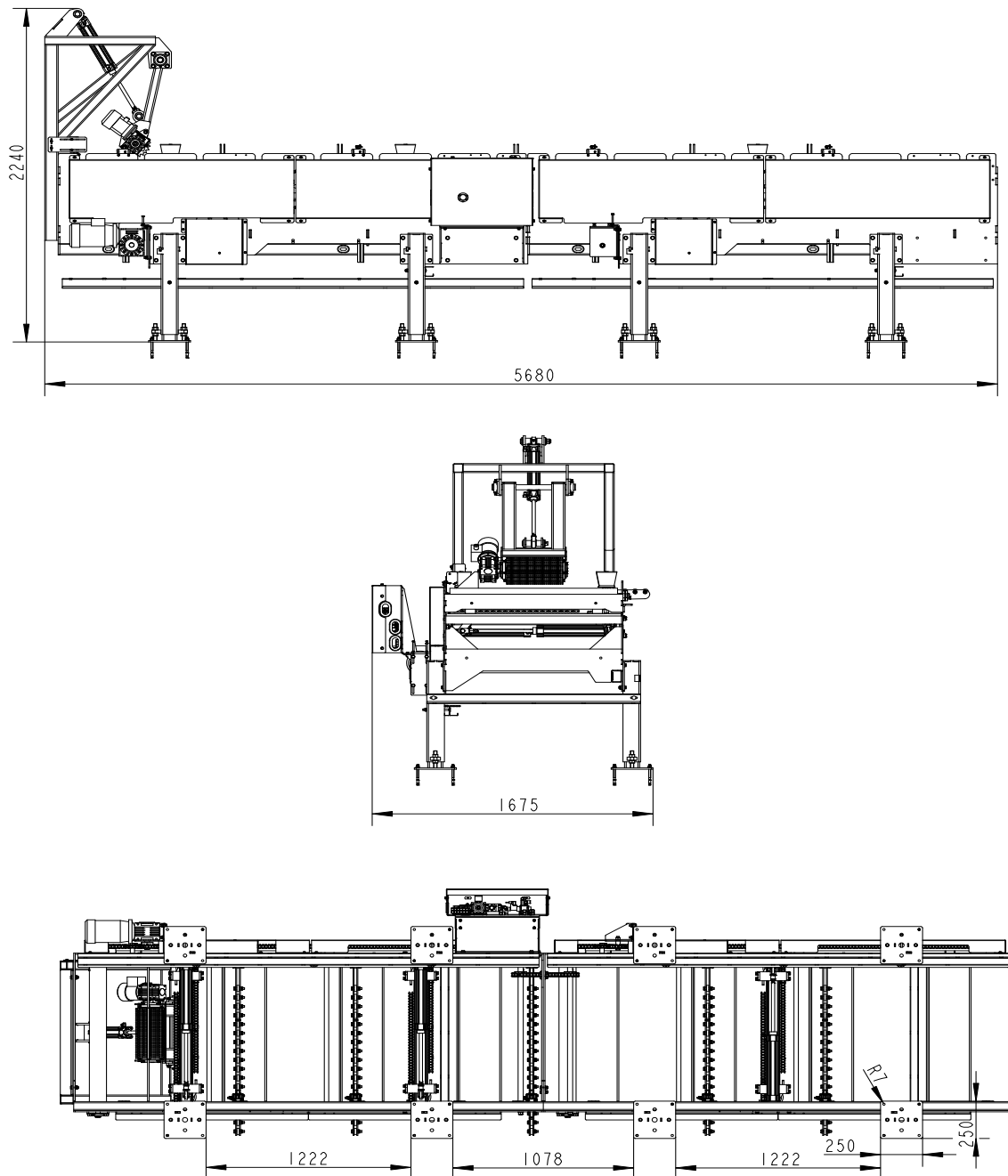
#### 1. E-STOP circuit inspection - table

- Turn on the Centering Table;
- Push the E-STOP button located on the control panel. The drive motors should be stopped. The drive motors should not start until the E-STOP button is released.

## SECTION 5 SPECIFICATIONS

### 5.1 Dimensions

See Figure 5-1 The overall dimensions of the MR200 Centering Table and leg layout are shown below.



**FIG. 5-1 MR200 CENTERING TABLE**

## 5.2 Motor Specifications

**See Table 5-1.** The specifications of the Centering Table chain drive motors are listed below.

Manufacturer	Power	Other data
Cantoni	1.1kW	1690 r.p.m. 3x460V, 60Hz
Cantoni	0.18kW	1690 r.p.m. 3x460V, 60Hz

**TABLE 5-1**

## 5.3 Air Supply Specification

**See Table 5-2.** See the table below for air supply specifications:

Air Supply	Pressure
	Min. 6 bar

**TABLE 5-2**

**EC declaration of conformity**  
**according to EC Machinery Directive 2006/42/EC, Annex II, 1.A**

**Manufacturer:**

Wood-Mizer Industries sp. z o.o.  
Nagórna 114, 62-600 Koło; Poland  
Tel. +48 63 26 26 000

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Following machine in our delivered version complies with the appropriate essential safety and health requirements of the EC Machinery Directive 2006/42/EC based on its design and type, as brought into circulation by us. In case of alteration of the machine, not agreed by us, this declaration is no longer valid.

**We, the undersigned herewith declare, that:**

Designation of the machine:

**Sorting Table**

TYPE:

CRD1H-LT, CRD2H-LT, CRD3H-LT

Serial number:

.....

**Is in conformity with the following  
EC directives:**

EC Machinery Directive 2006/42/EC  
EC Electromagnetic Compatibility Directive  
2014/30/EU

**And is in conformity with the following  
Harmonized Standards:**

PN-EN ISO 13849-1:2016-02  
PN-EN 60204-1: 2018-12  
PN-EN ISO 13857:2020-03  
PN-EN ISO 14120:2016-03

Responsible for Technical Documentation:

Piotr Adamiec / Engineering Manager  
Wood-Mizer Industries Sp. z o.o.  
62-600 Koło, Nagórna 114, Poland  
Tel. +48 63 26 26 000

Place/Date/Authorized Signature:

Koło, 29.07.2020



Title :

Engineering Manager