LT300 Training Workbook

Date						

Installation

- ____ Position Mill
- _____ Position Control Station in relationship to mill
- ____ Anchor Equipment
- ____ Install Lube System
- ____ Hook up hydraulic lines from mill to control station
- ____ Hook up all Electrical wires from mill to control station
- ____ Hook up Air Lines

Sawmill Alignment

Tech Name/s _____

- ____ Level sub frame front to back
- ____ Level sub frame between 8 ft. decks
- ____ Level saw head full travel with frame adj.
- _____ Level bed rails
- ____ Level blade to bed rail
- ____ Check side support alignment

Blade Guide Alignment

Tech Name/s

- ____ Open outer blade guide arm approx. 24"
- ____ Remove Top & Bottom Guide Disk
- _____ Raise roller so it's not touching the blade.
- ____ Install and track blade w/motor
- ____ Make sure nothing is touching the blade
- ____ Check vertical blade wheel tilt both sides + or 1/32"
- ____ Check blade guide arm alignment horizontal within 1/32"
- ____ Check blade guide arm alignment vertical within 1/32"
- ____ Install blade guide disks
- ____ Check that back edge of the blade is beyond back edge of guide
- _____ Set gap between flange and back of blade
- ____ Deflect blade
- ____ Check vertical blade wheel tilt both sides + or 1/32"
- ____ Horizontal disk alignment check level to the blade with .010 gauge.
- _____ Vertical disk alignment check + or -1/32"
- _____ Adjust upper block to .010 of blade with gauge.
- _____ Adjust transducer sensor
- ____ Set lower head stop bolt at 1"
- ____ Set upper head stop bolt at 35 ¹/₂"
- Align Laser to the cut line. Trainee/Signature_____

Tech Name/s _____

Maintenance

Every 50 Hours

- Clean Mast Rails/Remove any sawdust from underneath possibly sooner
- **Check Drive Belt Tension (typically it will require tightening)**
- Clean track rails and adjust scrapers
- Clean and lube mast rails and adjust scrapers _____
- Check track oil reservoir _____
- Oil all chains with ATF
- Lube blade guide arm ATF _____
- Lube pivot points operators seat _____
- Lube Log clamp _____
- Lube log loader ____
- Log turner _____
- Side Supports Linkage _____
- Check Hydraulic fluid level
- Check hydraulic fittings for leaks

Every 500 Hours

- Replace hydraulic filter
- Lubricate Ball Screw TriGEL-450R
- Lube Thrust bearing
- Inspect power feed chain and sprockets for wear

Every 750 Hours

- Lube wheel hubs with Amoco Rycon #2 or Chevron SRI #2
- Blade Wheels need to be recrowned for blade to track consistently. Typically needs to be done between 500 & 1000 hours. We offer recrown service exchange program.

Every 2000 Hours

Replace hydraulic fluid

Every 5000 Hours or once a year

Drain oil from gearbox and replace

Trainee/s Signature_____

Safety Overview

Tech Name/s _____

- Danger! Indicates an imminent hazardous situation which, if not avoided, will result in death or serious injury.
- Warning! Suggest a potentially hazardous situation which, if not avoided, could result in serious injury or death.
- Caution!

Blade Application

Tech Name/s

Make a chart

Trainee/s Signature_____

Softwood	Medium Hardwood
13-degree hook	10 or 13 degree hook
1 ¹ ⁄2" blade	1 ¹ / ₂ " or 1 ¹ / ₄ "
.055 or .045	. 055, .050 or .045

Extremely Hardwood or frozen 4, 9 or 10-degree hook 1 ¹⁄₂" or 1 ¹⁄₄" if frozen 1 ¹⁄₄ " only . 055 or .045

____ Change blades every 1000ft. or 2 hours, whichever comes first.

Operation

Tech Name/s _____

____ Start Button

Trainee/s Signature_____

- ____ Emergency Stop Button
- ____ Key Switch
- Joy Stick Overview Head Mode
- Joy Stick Overview Bed Mode
- Program Yellow and Blue Buttons
- _____ Adjust Lube Flow/Explain
- Adjust Max. H.P. /Explain
- _____ Adjust Max Power Feed/Explain
- Adjust Upper Head Limit 35.5"
- _____ Set stop block to protect transducer
- ____ Saw a log or two explaining what you are doing
- _____ Have trainee saw a minimum of 2 hours
- The training provided is an overview. It is not intended to be a substitute for the owner's, operator's manual, and/or option manuals. Read all product manuals and observe all safety instructions including dangers, warnings, and cautions prior to operating your mill w/o trainer present.
- ____ Customer has been offered and reviewed copy of recommended spare parts list. <u>There is a 10% discount at the time of commissioning.</u>
- ____ Review the benefits of the Maintenance Agreement & sign up if customer wishes to take advantage of the offer.

If for any reason the above list was not completed 100% please note below:

Incline Conveyor

Installation

- ____ Position Incline in relation to LT300
- _____ Adjust height to match LT300 and out feed deck.
- _____ Level across width
- ____ Anchor Incline
- ____ Explain belt adjustment
- ____ Show lubrication points

Transfer Deck

Installation

- ____ Position deck in relation to incline
- _____ Adjust height in relation to the incline
- ____ Mount and adjust optical eyes
- ____ Anchor Transfer Deck
- ____ Level across width and length
- ____ Show lubrication points

In Feed Deck

Installation

- ____ Position in relation to LT300
- ____ Add valves to LT300 valve body
- ____ Hook up hydraulic lines
- Install all electrical components to LT300 and route din plugs
- _____ Anchor in feed deck
- ____ Show lubrication points

Tech Name_____

Trainee/s Signature_____

If for any reason the above list was not completed 100% please note below:

Three-way Deck

Installation

- ____ Position in relationship to the Incline Conveyor
- _____ Adjust height to match that of the Incline Conveyor
- ____ Hook up air lines and connector chain (TWC-EXT only)
- ____ Route and hook up photo eye
- ____ Route and hook up E-stop and communication cables to the LT300
- ____ Mount the auxiliary control box to the LT300 control box
- _____ Hold down Ref. 1 for 30 seconds after switching on power to activate 3-way program
- _____ Anchor the deck.
- ____ Level across width and length

<u>Training</u>

- ____ Operate the deck manually
- ____ Explain photo eye operation and adjustment
- ____ Default wire (x12 right, x13 left, take off and tape for straight through)
- ____ Left operation
- ____ Right operation
- ____ Stack commands
- ____ Operate manually
- ____ Cancel command

Maintenance

- ____ Grease roller bearings every 50 hours of operation
- ____ Lubricate drive chain every 50 hours of operation

Tech Name_____

Trainee/s Signature_____

If for any reason the above list was not completed 100% please note below:

E430 Edger

Installation

- ____ Place edger and in-feed table in desired location
- _____ Adjust height and level edger
- ____ Mount in-feed table and adjust to match height of first lower in-feed roller. Set 1/16" lower than top of roller
- _____ Anchor in position
- ____ Hook up perimeter switch and reset (Red ring will show when reset)
- ____ Plug control box wires into main electrical box and fasten in clamps provided
- ____ Check drive belt tension
- ____ Check the rotation of the blade. (Feed rollers will run forward with the blades rotation backwards

<u>Training</u>

- _____ Show how to start edger and use operational controls
- ____ Demonstrate the use of kick-back release/feed reverse
- ____ Demonstrate E-Stop and perimeter safety switch
- _____ With covers removed, show operation of slow down proxies and how to adjust
- ____ Check and explain laser adjustment
- ____ Demonstrate raising rear upper roller to gain access to blades
- ____ Demonstrate removing saw tooth and reinstall
- ____ Explain how to change the blades

Maintenance

Daily

- ____ Remove debris from feed rollers
- _____ Use a soft cloth and remove debris from the blade drive shaft

Every 40 Hours

- ____ Check belt for wear and retension
- ____ Check tension of out feed drive chain

Tech Name_____

- ____ Check laser drive chain tension
- ____ Check laser belt for wear and tension

Trainee/s Signature_____

Every 200 Hours

- ____ Lubricate the blade shaft bearings
- ____ Lubricate the in-feed table rollers
- _____ Lubricate the upper feed roller and lower feed bearings

If for any reason the above list was not completed 100% please note below:

Tailer Option

- _____ Set in line with edger 15" to 20" away
- _____ Align with output on edger
- ____ Adjust legs so tailer chain is 1" to 2" lower that out feed roller
- ____ Run tailer control cable into edger electrical cabinet and hook up
- _____ Turn on edger, check tailer rotation.

Training

____ Explain the tailer operation

Maintenance

Daily

____ Clean and check track for debris

50 Hours

- ____ Check the tension of the feed chain and adjust as needed
- ____ Check the tension of the drive chain and adjust as needed
- ____ Lubricate the drive chain with Dextron III or similar oil

200 Hours

- Grease feed chain sprockets
- ____ Change the gearbox oil (first time only)

500 Hours

____ Check oil level in the drive gearbox

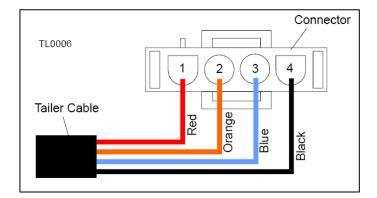
1000 Hours

____ Change the gearbox oil

Tech Name_____

Trainee/s Signature_____

If for any reason the above list was not completed 100% please note below:



Part # 052163								
Part Description	<u> Part #</u>	Quantity	Price each	<u>Total</u>				
25" Wheel Scrapers	042245	2	\$8.65	\$17.30				
Bearing, Blade Wheel Inner	045208	2	\$21.50	\$43.00				
Bearing, Race Inner	045209	2	\$22.50	\$45.00				
Bearing, Blade Wheel Outer	045210	2	\$26.88	\$53.76				
Bearing Kit, B/G Roller	K07079	2	\$17.75	\$35.50				
Bearing, Race Outer	045211	2	\$17.95	\$35.90				
Belt, Drive Rev. A8.00 +/ 60hz	036636	1	\$227.63	\$227.63				
Bolt, EZ Glide Long	F05004-178	4	\$0.40	\$1.60				
Bolt, EZ Glide Short	F05004-200	4	\$0.40	\$1.60				
Breaker, Q8-Q9-Q10	051915	1	\$42.45	\$42.45				
Bushing, Carriage Stop Rubber	P12165	2	\$1.50	\$3.00				
Cat Track, Right Side Rev A5.00+	036219	4	\$10.75	\$43.00				
Cat Track, Left Side Rev A5.00+	039220	4	\$10.75	\$43.00				
Cat Track Cross Bar, Long	023612-4	4	\$3.29	\$13.16				
Cat Track Cross Bar, Short	023612-5	4	\$1.10	\$4.40				
Coupler insert, P/F Drive	042655-2	1	\$41.92	\$41.92				
EZ Glide Wear Disc	036347	8	\$16.00	\$128.00				
Grease, Ballscrew	042399	2	\$32.90	\$65.80				
Nozzles, Lube	033479	2	\$8.00	\$16.00				
Potentiometer	025200	1	\$78.76	\$78.76				
Relay, Solid State K7 through K29	024925	1	\$52.50	\$52.50				
Relay, Solid State K5	024932	1	\$54.70	\$54.70				
Relay, Solid State K6	024933	1	\$45.00	\$45.00				
Roller, B/G	A04925	2	\$44.95	\$89.90				
Seals, Blade Wheel Bearing	045212	2	\$18.75	\$37.50				
Sensor, Proxi	025041	1	\$48.40	\$48.40				
Shaft Kit, B/G Motor	036514	1	\$30.33	\$30.33				
Sprocket, B/G Motor	033120	1	\$25.99	\$25.99				

LT300 w/Steel Wheels Spare Parts List Rev A8.00+

If purchased with the mill or at time of commissioning - 10% discount =

\$1,325.10 Kit price

\$132.51

\$1,192.59 Discounted price

Part # 052162									
Part Description	<u> Part #</u>	<u>Quantity</u>	Price each	<u>Total</u>					
Bearing, Blade Wheel Inner	045208	2	\$21.50	\$43.00					
Bearing, Race Inner	045209	2	\$22.50	\$45.00					
Bearing, Blade Wheel Outer	045210	2	\$26.88	\$53.76					
Bearing Kit, B/G Roller	K07079	2	\$17.95	\$35.90					
Bearing, Race Outer	045211	2	\$17.75	\$35.50					
Belt, Drive Rev. A8.00 +/ 60hz	036636	1	\$227.63	\$227.63					
Bolt, EZ Glide Long	F05004-178	4	\$0.40	\$1.60					
Bolt, EZ Glide Short	F05004-200	4	\$0.40	\$1.60					
Breaker, Q8-Q9-Q10	051915	1	\$42.45	\$42.45					
Bushing, Carriage Stop Rubber	P12165	2	\$1.50	\$3.00					
Cat Track, Right Side Rev A5.00+	036219	4	\$10.75	\$43.00					
Cat Track, Left Side Rev A5.00+	039220	4	\$10.75	\$43.00					
Cat Track Cross Bar, Long	023612-4	4	\$3.25	\$13.00					
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Seals, Blade Wheel Bearing	045212	2	\$18.75	\$37.50					
Sensor, Proxi	025041	1	\$48.40	\$48.40					
Shaft Kit, B/G Motor	036514	1	\$30.33	\$30.33					
Sprocket, B/G Motor	033120	1	\$25.99	\$25.99					
			ГОТАL	\$1,307.64 Kit price					
If purchased with the mill or at time	unt =	\$130.76							
				\$1 176 88 Discount	ad muic				

LT300 w/Belted Wheels Spare Parts List Rev A8.00+

\$1,176.88 Discounted price

Application for Credit

Wood-Mizer 'P roducts, Inc.

Customer #	
CR Limit	
Terms	
Approved By	
Date	

General Information										
APPLICANT NAME SOCIAL SECURITY NUMBE				MBER PRIMARY CONTACT ()			CONTACT (NAM	NAME & TITLE)		
PERMANENT ADDRESS (STREET, CITY, STATE & ZI	P)			AREA CODE			AREA CODE/TE	E/TELEPHONE NUMBER		
							())		
BILLING ADDRESS (STREET, CITY, STATE & ZIP) IF	DIFFERENT THA	N PERMANENT	ADDRESS				AREA CODE/TE	LEPHONE NUMBER	2	
						-)		
PROPRIETORSHIP PA	RTNERSH	IP CO	ORPORA	TION	PEDERAI	L EMPLOY	(EK ID#		YEARS ESTABLISHED	
NAME OF PARENT (IF SUBSIDIARY/DIVISION)					STATE OF	INCORPO	RATION			
NATURE OF BUSINESS					ANNUAL	REVENUES	6			
					\$					
Type of Account		W	lood Pr	oducts	Acco	unts			ONTHLY CREDIT DESIRED	
🗌 CONSUMER 🔲 DISTRIBUTO	OR C	ONTRACT	OR	RETAI	Ľ.	W	HOLESALE	\$		
PRESIDENT/PARTNER/OWNER NAME	SOCIAL SECURI	TY NUMBER	ADDRESS (STREET, CITY, STATE & ZIP)				AREA CODE/TELEPHONE NUMBER			
								()		
VICE PRESIDENT/PARTNER NAME SOCIAL SECURITY NUMBER			ADDRESS (STREET, CITY, STATE & ZIP)				AREA CODE/TELEPHONE NUMBER			
								()		
SECRETARY NAME (IF CORPORATION) SOCIAL SECURITY NUMBER			ADDRESS (STREET, CITY, STATE & ZIP))	AREA CODE/TE	LEPHONE NUMBER		
TREASURER NAME (IF CORPORATION)	SOCIAL SECURIT	Y NUMBER	ADDRESS (STREET, CITY, STATE & ZIP))	AREA CODE/TELEPHONE			
								()		
			Refer	ences						
COMPANY NAME ADDRESS (STRE			CITY, STATE 8	z ZIP)			ARI	EA CODE/TELEPHO	ONE NUMBER	
1.								()		
2.								()		
3.								()		
BANK NAME NA			ME OF BANKING OFFICER TO CONTACT			А	AREA CODE/TELEPHONE NUMBER			
								()		
PRIMARY ACCOUNT NUMBER	F		MAILING AD	DRESS (ST	REET, CTT	Y, STATE & ZIP)				

I certify that all statements in this application are true and complete and made for the purpose of obtaining credit from Wood-Mizer Products, Inc. I authorize Wood-Mizer Products, Inc. to investigate the references herein listed, or statements and other data obtained from me pertaining to my credit and financial responsibility, and agree they shall become the property of Wood-Mizer Products, Inc. whether or not credit terms are granted.

Upon acceptance of this application by Wood-Mizer Products, Inc., the undersigned accepts and agrees to the following terms and conditions:

1. TERMS OF PAYMENT: Net: Due upon receipt of invoice. Net 30: Due 30 days from invoice date.

2. INTEREST ON LATE PAYMENTS: Interest at the rate of 18% per annum will accrue from date due.

3. COSTS OF COLLECTION: All costs incurred by Wood-Mizer Products, Inc. for the collection of this account including, but not limited to, all fees paid to collection agencies and reasonable attorney's fees, whether suit is commenced or not, including court costs will be assessed against the undersigned.

Please attach a copy of your most recent, audited financial statement and retain a copy of this application for your files or furnish us with your Dun & Bradstreet Number.