

# WESTMILL™



## VENEER DRYER

# Parts Catalogue

VERSION 12



WAREHOUSES IN:

Atlanta GA | Eugene OR | Vancouver BC

Toll-free: 1-877-607-7010

[www.westmill.com](http://www.westmill.com)

## CONSULTING & ENGINEERING



Left: WESTMILL™ rebuilt this Moore Jet Dryer for Freres Lumber Co. in Lyons, OR.



Serving the panel board industry since 1975, WESTMILL™ has emerged as North America's dryer specialist.

WESTMILL™ specializes in dryer modification projects and has engineered the rebuilding of almost every different style and brand of dryer existing today. Rebuilding dryers provided WESTMILL™ a unique opportunity to analyze current and past dryer designs. This analysis has provided the basis for our superior dryer system designs.



***WESTMILL™ can supply a new Jet or Longitudinal dryer, rebuild your existing dryer to 'better than new' condition, or simply help you get more out of your existing dryer system with our On-site Veneer Dryer Inspection Services.***



### Consulting, Inspections and Reporting

WESTMILL™ performs on-site dryer inspections. These inspections identify opportunities for production gains and/or energy savings that will ultimately provide an immediate payback on your inspection investment.

#### WESTMILL™ Dryer Inspections will help you:

- Maximize production
- Reduce emissions
- Reduce energy usage
- Increase uptime
- Improve veneer quality

#### WESTMILL™ Dryer Profiling provides you:

- Professional and objective insight into your veneer drying operation and process.
- Comprehensive and objective analysis of your dryer production and energy utilization to management.
- Confidentiality assured.

**CONFIDENTIALITY  
ASSURED**



**WESTMILL™ stocks parts for most makes and models of veneer dryers!**  
**Warehouses in Atlanta GA, Eugene OR, Vancouver BC**







## BEARINGS

WESTMILL PART NO.	CROSS REFERENCE NO.	BORE SIZE	OUTER DIAMETER	LENGTH THRU BORE	MATERIAL
<b>GRAPHITE</b>					
BU91	Babcock 459-572	18mm (0.71")	26mm (1.02")	28.5mm (1.12")	Graphite
BU92	Babcock 466-172	25mm (0.98")	35mm (1.38")	30mm (1.18")	Graphite
BU22	Moore	1 1/4"	2"	2 1/4"	Graphite
BU24 *	Coe	1 1/4"	2 1/2"	1 3/4"	Graphite
BU41	Moore	1.265"	2 1/2"	1 3/4"	Graphite
BU32	Standard Dryer Bearing PC-066095	1 1/2"	2 1/2"	1 3/4"	Graphite
<b>TEFLON</b>					
BU12	Moore RD-187	1"	1 1/2"	1 1/2"	Teflon
WAL-002	Raute Wood / Durand-Raute	1"	1 3/4"	1 7/16"	Teflon
BU14	Raute Wood / Durand-Raute DR-488-1 590-1648	1"	1 3/4"	2 1/8"	Teflon (Stepped Bearing)
BU21	Moore	1 1/4"	2"	2 1/4"	Teflon
BU26 *	Coe	1 1/4"	2 1/2"	1 3/4"	Teflon
BU34	Custom	1 1/2"	2"	1 1/2"	Teflon
BU31	Standard Dryer Bearing Rulon 288, Coe VM0126673B	1 1/2"	2 1/2"	1 3/4"	Teflon
<b>OTHER</b>					
BU23 *	Coe 1515	1 1/4"	2 1/2"	1 3/4"	Copper-impregnated Graphite
BU25 * †	VM-011757	1 1/4"	2 1/2"	1 3/4"	High-heat Brass
BU36-M #	Raute Jet	1 1/2"	2	1 3/4"	Cast Iron with Graphite Dots
BU33	Standard Dryer Bearing	1 1/2"	2 1/2"	1 3/4"	Copper-impregnated Graphite

\* Used on Coe Infeed sections    † Replaces oak bearing    # Designed for use with cast steel gudgeons



## HANGER BEARINGS (DRYER INFEED)

	WESTMILL PART NO.	CROSS REFERENCE NO.	PART NAME	BORE SIZE
	BU27	C-76113-2SSB	Infeed Hanger Bearing (flat back)	1 1/4"
	BU28	C-76116-2SSB	Infeed Hanger Bearing (over angle)	1 1/4"
	BU29	SB-206-20	Replacement Sealed Bearing Insert for Hanger Bearings (WM-113, 116 and 116C)	1 1/4"
	WM-113	C-76113-2SSB	Infeed Hanger Bearing (flat back) with Replaceable Sealed Bearing Insert (BU29)	1 1/4"
	WM-116C	C-76116-2SSB	New Infeed Hanger Bearing (over angle) with Replaceable Sealed Bearing Insert (BU29)	1 1/4"
	WM-113-GP	C-76116-2SSB	Board Mill Bearing (flat back) with Replaceable Sealed Bearing Insert (BU29)	1 1/4"

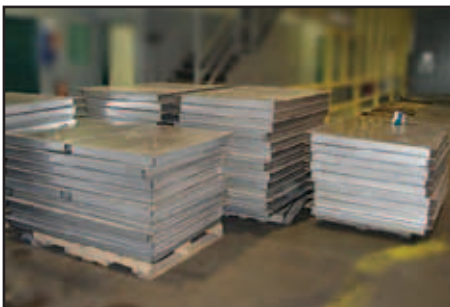
## PRODUCT SHOWCASE



Westmill's low-maintenance Vacuum Feeder has variable suction that enables consistent and high speed dryer feed rates.



Westmill's Dryer Infeed Accumulator enables continuous feeding, resulting in increased dryer production and consistency.



Westmill's Retrofit Stainless Steel Dryer Floor can be installed over top of your existing concrete foundation, even if it is in poor condition.

	WEST-MILL PART NO.	CROSS REFERENCE NO.	PART APPLICATION	BORE SIZE
	B161	Coe 8212	Coe M-72 Drive Side Closed back	2 1/2"
	B162	Prentice C-30	Bolts to C006 (NW-64) Chain Holddown Replaces Moore RD-65 and RD-165	2 1/2"
	B163	Coe 10499	Coe M-62 Drive side	2 1/2"
	B261	Coe 10497	Coe M-62/M-72 Idle side	2 1/2"
	B361	Moore RD-165	For Moore Dryer with 12" vertical deck spacing (short casting)	2 1/2"
	B362	Moore RD-65 Prentice C-2	For Moore Dryer with 15" vertical deck spacing	2 1/2"
	B365	Coe PB-016048 8281RH	Coe: At door post Notched at right 8212	2 1/2"
	B366	Coe PB-016048 8281LH	Coe: At door post Notched at left 8212	2 1/2"
	B367	PB-034280 10895A	Coe: Drive side Raises top roll	2 1/2"
	B368	PB-034281 10893A	Coe: Idle side Raises top roll	2 1/2"
	B331	Raute Wood / Durand-Raute 4R708667	Raute Wood / Durand-Raute: Drive and idle side	1 3/4"
	B331-M	Raute Wood / Durand-Raute 4R50430GKK	Raute Wood / Durand-Raute: Drive and idle side	45mm (1.77")
	B363	Moore RD-162 Coe 619-2007-00	Drive and idle side	2"
	B369	Babcock 8588	Babcock: Screen Dryer	45mm (1.77")
	B370	Babcock 4-bolt	Babcock: Screen Dryer	45mm (1.77")
	B371	Moore RD-161 Coe 619-2006-00	Moore: Top Roll Guide	1 11/16"









# CHAIN HOLDDOWNS & CHAIN WINDOWS

**WESTMILL™**

## CHAIN HOLDDOWNS






Chain holddowns keep your dryer chain engaged to the roll sprockets and support the chain along its return path. Our chain holddowns are made from rugged cast iron.

WESTMILL™ also supplies mounting brackets for the chain holddowns, if required.

	PART NAME	WESTMILL PART NO.	CROSS REFERENCE NO.
	Chain Return Shoe	C001 C001-1*	Moore RD-7
	Return Shoe Mounting Clip	C002	Moore RD-7C
	Long Chain Holddown and Return	C003	Coe 8213
	Short Chain Holddown and Return for Coe M-62	C004	Coe 7907 Coe 10979
	Top Chain Holddown - long	C005	Coe 8228
	Prentice Chain Holddown - bolts to M-62 Rabbit Ear	C006	Prentice C30
	Chain Holddown and Return for Coe M-72	C007	Coe M-72
	Moore Dryer Chain Return Shoe	C012	Moore RD-145 Coe 619-2040-00

\* Older style comes with casted mounting clip.

## CHAIN WINDOWS

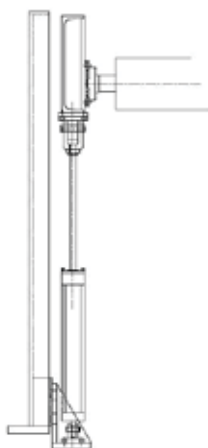
	PART NAME	WESTMILL PART NO.	CROSS REFERENCE NO.
	Single Chain Window (Prentice)	C008	Prentice C33
	Double Chain Window (Prentice)	C014	Prentice C34
	Double Chain Window	C009	PA-033855, CP010866
	Single Chain Window (out)	C010	PB-025130, CP010867
	Single Chain Window (in)	C011	PB-025131, CP010868

Westmill™ combines 37 years of industry experience with modern, efficient and cost-effective methods of manufacturing.

Our commitment is always to customer satisfaction and attention to detail. Add these up and you get Westmill's Seal of Satisfaction.

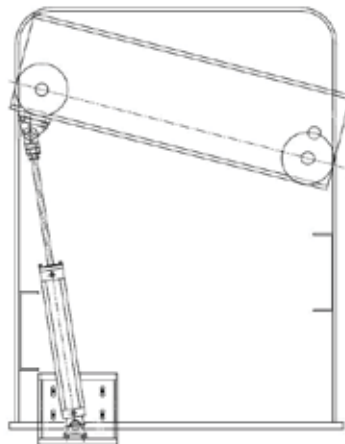
**NO EXCUSES.**

End view



8-inch profile

Side view



Bolts onto standard embedments

## CAM TO HYDRAULIC CONVERSION

Westmill's Dryer Feeder Tipple combines precision positioning with quick and accurate feeding.



- bolts to existing embeds
- low profile – only 8 inches
- standard & custom retrofits

Westmill™ can provide cam-to-hydraulics retrofits for existing tipples.



Hook Tooth Sprocket



Reversing Hook Tooth Sprocket SP224

## HOOK TOOTH & REVERSING (81X)

WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
SP222	Coe 389 Moore RD-3	7	C	1 1/2"	1/4"	2 1/4"	1"
SP321	Coe 389 Moore RD-3	7	C	1 1/2"	3/8"	2 1/4"	1"
SP111	MRJ Coe 8216 Moore RD-77	8	C	1"	1/4"	2 1/4"	1"
SP211	Coe 8216 Moore RD-77	8	C	1 1/4"	1/4"	2 1/4"	1"
SP221	Coe 8216 Moore RD-77 PB-015261	8	C	1 1/4"	3/8"	2 1/4"	1"
SP223	Coe 8216 Moore RD-77	8	C	1 1/2"	1/4"	2 1/4"	1"
SP224	Prentice C-9 Reversing Sprocket	8	C	1 1/2"	1/4"	2 1/4"	1"
SP322	Coe 8216 Moore RD-77 Narrow Tooth Width	8	C	1 1/2"	3/8"	2"	1/2"
SP323	Coe PC-018140 (M72 & M62)	8	C	1 1/2"	3/8"	2 1/4"	1"

## RAUTE WOOD / DURAND-RAUTE (RC100)



WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
RAU-011	514-6017 Dryer Roll Sprocket	17	B	1"	1/4"	1 1/2"	0.692"
RAU-013	Raute Metric – 3-Sheet Dryer	15	B	25 mm	8 mm	1 1/2"	18 mm



## DRIVE & IDLER (RC50)

WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
WEST-109	50B10 Idler Sprocket	10	B	3/4" Oilite Bushing	none	1"	0.343"
SP212	Drive Sprocket	15	B	1 1/4"	1/4"	1"	0.343"
SP213	Drive Sprocket	16	B	1 1/4"	1/4"	1"	0.343"
AET-001	50BB17H AG-2416 Idler Sprocket	17	A	5/8" Ball Bearing	none	0.72"	0.343"



## DRIVE SPROCKETS (81X)

WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
SP730	RD-76 Moore NW-86	8	B	2 3/16"	1/2"	3"	7/8"
SP840	NW-87 Coe	8	C	2 3/16"	5/8"	3"	7/8"



## IDLER SPROCKETS (81X)

WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
SB400	RD-175A	8	B	1.775" Ball Bearing	none	3"	7/8"
SZ600	RD-175	8	B	2 3/16" Bronze Bushing	none	3"	7/8"
SZ221	Coe	8	C	1 1/4" Bronze Bushing	none	3"	7/8"

## STAR GEARS

WESTMILL PART NO.	CROSS REFERENCE NO.	TEETH	HUB STYLE	BORE	KEYWAY	LENGTH THRU BORE	TOOTH WIDTH
S213	Moore RD-130	10	A	1 1/4"	1/4"	15/16"	13/16"
S302	Coe M-62 Jet	10	A	1 1/2"	none	1 1/4"	1 1/8"
S313	Moore RD-130	10	A	1 1/2"	1/4"	15/16"	13/16"
S312	Moore RD-2S	10	A	1 1/2"	1/4"	1 1/4"	1 1/8"
S323		10	A	1 1/2"	3/8"	1 1/4"	1 1/8"
S111		10	B	1"	1/4"	2 1/4"	1 1/8"
S201	Moore	10	B	1 1/4"	none	2 1/4"	1 1/8"
S211		10	B	1 1/4"	1/4"	2 1/4"	1 1/8"
S221	Moore RD-130	10	A	1 1/4"	3/8"	15/16"	13/16"
S222		10	B	1 1/4"	3/8"	2 1/4"	1 1/8"
S301	Moore, Prentice	10	B	1 1/2"	none	2 1/4"	1 1/8"
S311	Moore, Prentice	10	B	1 1/2"	1/4"	2 1/4"	1 1/8"
S324	Coe M-72 Cooler, 5" OD PC-079387	10	B	1 1/2"	3/8"	1 3/4"	1"
S322	Coe PC-045141 M-72	10	B	1 1/2"	3/8"	1 7/8"	1 1/8"
S322B	Coe RFP-R	10	B	1 1/4"	3/8"	1 7/8"	1 1/8"
S321	Coe PC-018139	10	B	1 1/2"	3/8"	2 1/4"	1 1/8"
S101-M	Raute Wood 3R403462	12	B	25 mm	8 mm	1.9"	1"
S101	Raute Wood / Durand Raute 3R708513	12	B	1"	1/4"	1.9"	1"



Feed Section Flat Star Gear  
S213



Hubless (A-style)



Standard (B-hub)

## DRYER CHAIN (81X)

WESTMILL™ supplies various styles of 81X veneer dryer chain. 81X chain is also used on other material conveying machinery.

We offer several sizes of chain:

- 81X chain: straight side bar, bushed roller chain
- 81X-HD chain: Heavy duty. Straight side bar, bushed roller chain
- 81X-XHD chain: Extra heavy duty. Straight side bar, bushed roller chain
- Connecting links for all of the above chains



## Controls & Automation Services

### VENEER AND PLYWOOD PRODUCTION SPECIALISTS

PLC Services • Programming • Instrumentation  
Integration • Electrical Design • Electrical Build

Allen Bradley • Seimens • Emerson • FPGA • National Instruments • PAC NI • CompactRIO



*From interim assistance to  
full project management,  
we've got you covered.*



## One Woodruff Key



Note: Key #808 is 1/4" wide x 1" long.

Key #1210 is 3/8" wide x 1 1/4" long.

WESTMILL PART NO.	DIAMETER	LENGTH	KEY SIZE	CONSTRUCTION	NOTES
G211	1 1/4"	3"	#808	Cast Iron	Infeed
G223	1 1/4"	3"	#1210	Cast Iron	Coe Dryer
G212	1 1/4"	3 1/2"	#808	Cast Iron	Infeed
G225	1 1/4"	3 3/4"	#1210	Cast Iron	Infeed Gudgeon for M-72
G224	1 1/4"	4"	#1210	Welded Steel	Infeed Gudgeon for M-72
G213	1 1/4"	5"	#808	Cast Iron	Infeed Drive
G222	1 1/4"	5"	#1210	Cast Iron	Coe
G221	1 1/2"	4 3/8"	#1210	Cast Iron	Coe M-62
G321	1 1/2"	4 3/8"	#1210	Cast Iron	Coe M-72
G311	1 1/2"	5"	#808	Cast Iron	Moore & Prentice
G322	1 1/2"	5"	#1210	Cast Iron	Coe
G327	1 1/2"	6 1/2"	#1210	Cast Iron	

## Straight Keyway



WESTMILL PART NO.	DIAMETER	LENGTH	KEYWAY	CONSTRUCTION	NOTES
G111-M	25mm	3 15/16"	8mm	Cast Iron	Raute top drive side
G112-M	25mm	5 13/16"	8mm	Cast Iron	Raute bottom drive side
G111	1"	4 1/8"	1/4" x 2 1/4"	Welded Steel	Raute/Durand top drive
G112	1"	6"	1/4" x 4"	Welded Steel	Raute/Durand bottom drive
G214	1 1/4"	5"	1/4" x 3"	Cast Iron	Infeed
G216	1 1/4"	6 1/4"	1/4" x 2"	Welded Steel	Coe Infeed lower roller
G217	1 1/4"	6 3/4"	1/4" x 4"	Welded Steel	Infeed
G312	1 1/2"	5"	1/4" x 3"	Cast Iron	Coe

## Two Woodruff Keys



Note: Key #808 is 1/4" wide x 1" long.

Key #1210 is 3/8" wide x 1 1/4" long.

WESTMILL PART NO.	DIAMETER	LENGTH	KEY SIZE	CONSTRUCTION	NOTES
G215	1 1/4"	5"	#808	Cast Iron	Flattening Roll
G326	1 1/2"	5"	#808	Cast Iron	Cross-over drive
G325	1 1/2"	6 1/2"	#1210	Cast Iron	Cross-over drive
G323	1 1/2"	7 3/8"	#1210	Cast Steel	Coe M-62
G324	1 1/2"	7 3/4"	#1210	Cast Steel	Coe M-72

## Snap Ring Groove



WESTMILL PART NO.	DIAMETER	LENGTH	CONSTRUCTION	NOTES
G101-M	25mm	2 1/2"	Cast Iron	Raute top and bottom, idle side
G101	1"	2 5/8"	Welded Steel	Raute/Durand top and bottom, idle side
G302	1 1/2"	2 3/4"	Cast Iron	Coe M-62 & M-72

## No Key



WESTMILL PART NO.	DIAMETER	LENGTH	CONSTRUCTION	NOTES
G201	1 1/4"	2"	Cast Iron	Infeed
G203	1 1/4"	4"	Welded Steel	Infeed Gudgeon for M-72
G202	1 1/4"	5"	Cast Iron	Infeed
G301	1 1/2"	2"	Cast Iron	M-62/72 Top Moore Top
G303	1 1/2"	5"	Cast Iron	Moore Top
G304	1 1/2"	6 1/2"	Cast Iron	



## CUSTOM GUDGEONS

WESTMILL™ bell housings allow you to design any custom gudgeon required:

- Cast-steel construction
- 1", 1-1/4" and 1-1/2" diameter shafts (custom and metric diameters also available)
- C1045 precision shafting for mounted bearing units, or
- C1018 cold-finished bar for dryer bushings

The gudgeon shaft is connected to the bell housing by welding. Our bell housings are designed to fit roll tubes 3-3/4" outer diameter x 0.120" wall. We can also assemble the entire gudgeon before shipping.

**All shaft lengths and details available: Woodruff and Square Keyways, Snap Ring Grooves, etc.**

### Cast Steel

WESTMILL PART NO.	BORE (SHAFT SIZE)
SB300S	1 1/2"
SB301S	1 1/4"
SB302S	1"



Custom Gudgeon



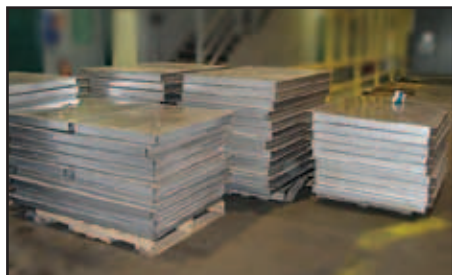
Bell Housing

## PRODUCT SHOWCASE

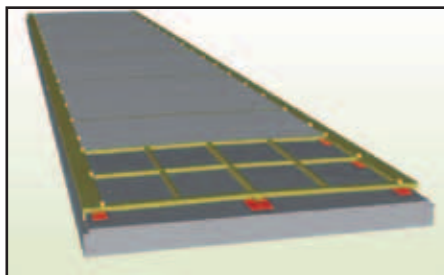
### Retrofit Stainless Steel Dryer Floor Retrofit Mild Steel Dryer Floor

Installing a WESTMILL™ Retrofit Dryer Floor underneath your dryer will increase your dryer's thermal efficiency, reduce in-plant emissions and increase the dryer's production.

You can simply seal weld the new 3" or 4" thick insulated floor to the bottom of your existing door frame, even if your existing concrete foundation is in poor condition.



Featuring a heavy structural tube frame with 3" or 4" thick insulated floor panels, and leak-proof seal-welded construction.



A stainless steel floor module is pushed into a dryer from the end.

### Product Features

WESTMILL™ has installed new stainless dryer floors underneath almost every make and model of dryer, with the same results:

- Seal-welded, leak-free construction
- Thermally efficient – saves time
- Quick and easy debris clean-up – reduces fires
- Eliminates in-plant emissions from the floor
- Increased veneer production
- Reduced downtime due to plug-ups and fires
- Helps prevent plug-ups caused by sheet-tracking problems in uneven dryers
- Better value and longer lasting than replacing an entire concrete floor

### Installation

Installation is quick and easy. Pre-assembly of the floor frame can be done before shutting the dryer down to minimize installation time. A WESTMILL™ site supervisor helps your crew get the job done quickly and correctly.

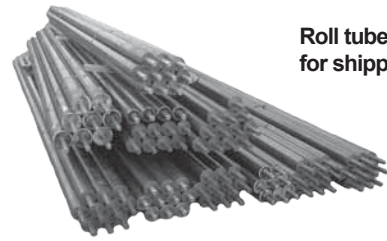


A 4" stainless steel floor is installed in a new WESTMILL™ 6-deck dryer.

## DRYER ROLL TUBING

Westmill™ supplies roll tubes for all veneer dryers, dryer infeeds and outfeeds, and sheet-handling conveyors.

We can supply any diameter, wall thickness and length you need. We are likely to have your tubes in stock or available for you in a week or less.



Roll tubes bundled for shipping.

### Popular roll tubes:

WESTMILL PART NO.	OUTER DIAMETER	WALL THICKNESS	LENGTH	DESCRIPTION
WEST-64	2 1/4"	0.120"	15'	Infeed Roll Tube
WEST-165	3"	0.120"	9'-5 1/4"	Babcock Dryer
WEST-315	3 3/4"	0.120"	14'-6"	Fits Moore, Coe, Prentice Dryers
WEST-304	3 3/4"	0.120"	15'	Fits Moore, Coe, Prentice Dryers VM011288
WEST-167	4"	0.120"	9'-6"	Babcock Dryer
WEST-310	4"	0.120"	15'	Hong An Dryer
R01-0012	4"	0.120"	19'-11 1/2"	Babcock Dryer
RAU-009	4"	0.125"	15'-9"	Fits Raute Wood and Durand-Raute Jet Dryers
WEST-81	4"	0.226"	16'	Outfeed Roll

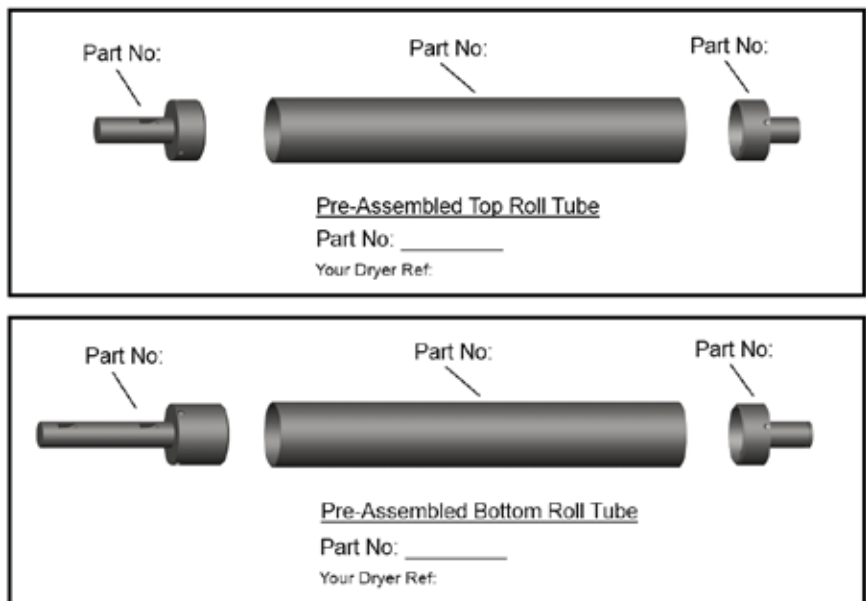
## PRE-ASSEMBLED ROLL TUBES AND GUDGEONS

Avoid misaligned tubes and gudgeons that cause veneer tracking issues and premature drive-side wear by using the WESTMILL™ professionally pre-assembled roll tube and gudgeon.

Take advantage of having WESTMILL™ pre-assembled roll tubes and gudgeons:

- Eliminate time-consuming assembly.
- Gudgeons are hydraulically press-fit for accuracy.
- Dimple-locked to prevent slippage.
- Rolls are hydraulically straightened, true to .0625.
- Available for all makes and models.
- An economic solution.

**Call us for "pre-assembled roll tube and gudgeon" part number.**



### Customer Testimonial

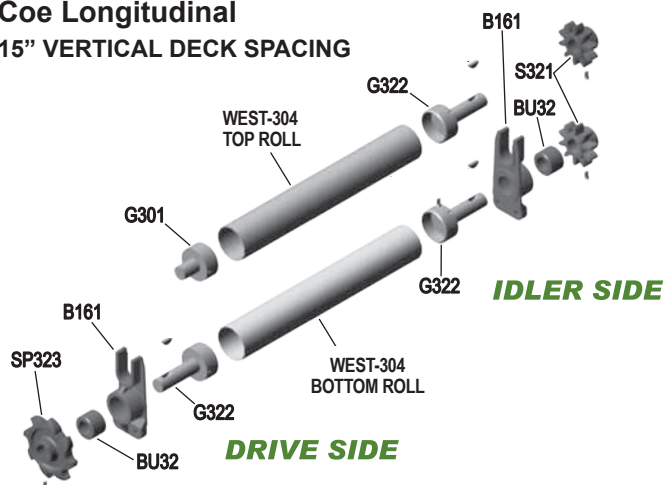
*"We couldn't have been happier with WESTMILL's service and product performance on the dryer rolls we recently ordered. We were in an emergency situation during a complete dryer rebuild and needed 472 dryer roll assemblies complete with gudgeons pressed on both ends. Our order went in the afternoon of Friday Nov. 4, and was shipped complete on Nov. 8!! All other vendors quoted us over a month's delivery time. WESTMILL's expedient delivery kept the project's completion date in check and the rolls are working fantastic."*

**– Joe Palmer, Engineering Project Manager, Boise Cascade LLC**

# ROLL ASSEMBLIES

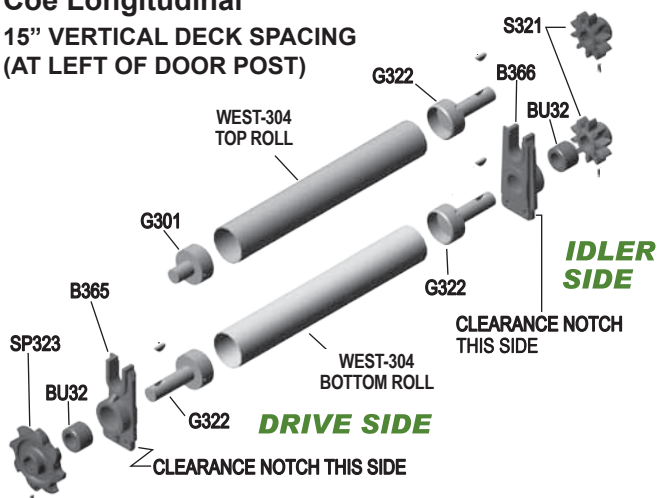
**WESTMILL™**

## Coe Longitudinal 15" VERTICAL DECK SPACING



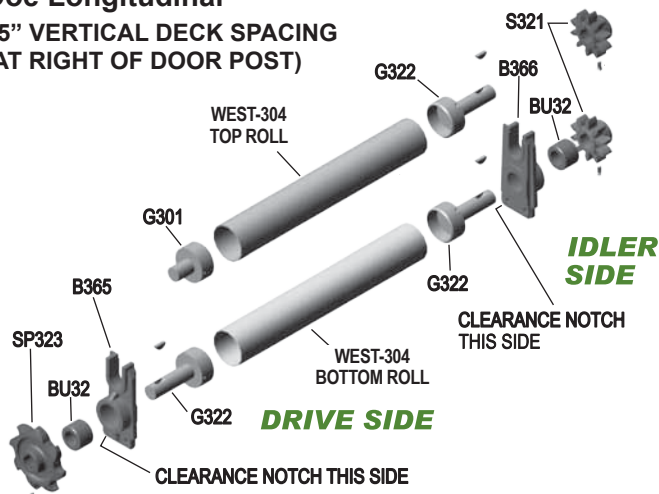
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G322	3		Gudgeon 1 1/2" D x 5" LG stem
B161	2	Coe 8212	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
SP323	1	PC-018140	Hook Sprocket - 8 tooth 81X
S321	2	PC-018139	Star Gear
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Coe Longitudinal 15" VERTICAL DECK SPACING (AT LEFT OF DOOR POST)



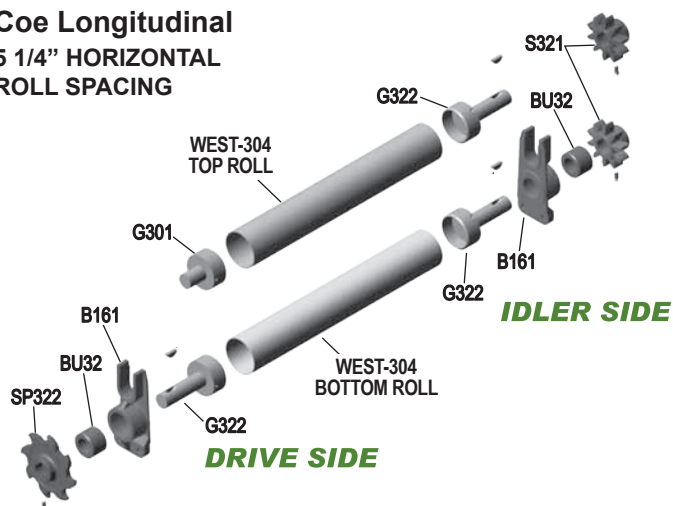
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G322	3		Gudgeon 1 1/2" D x 5" LG stem
B366	1	PB-016048L	Bearing Housing
B365	1	PB-016048R	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
SP323	1	PC-018140	Hook Sprocket - 8 tooth 81X
S321	2	PC-018139	Star Gear
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Coe Longitudinal 15" VERTICAL DECK SPACING (AT RIGHT OF DOOR POST)



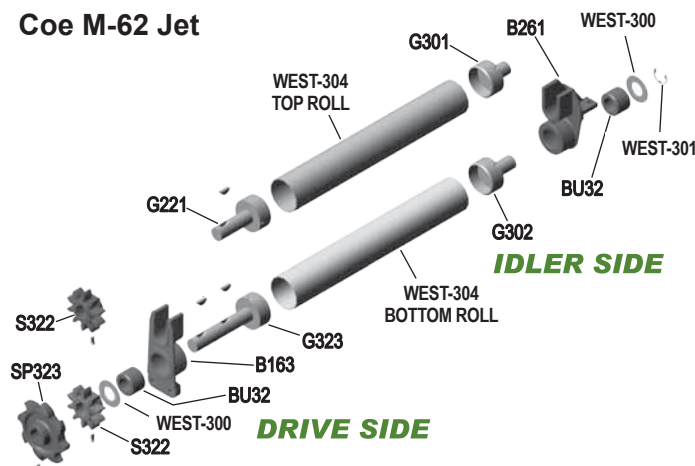
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G322	3		Gudgeon 1 1/2" D x 5" LG stem
B366	1	PB-016048L	Bearing Housing
B365	1	PB-016048R	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
SP323	1	PC-018140	Hook Sprocket - 8 tooth 81X
S321	2	PC-018139	Star Gear
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Coe Longitudinal 5 1/4" HORIZONTAL ROLL SPACING



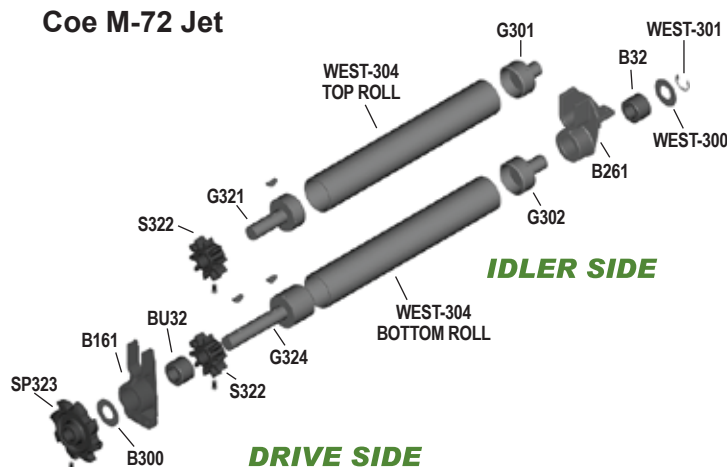
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G322	3		Gudgeon 1 1/2" D x 5" LG stem
B161	2	Coe 8212	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
SP322	1	Coe 8216	Hook Sprocket - 8 tooth 81X
S321	2	PC-018139	Star Gear
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Coe M-62 Jet



WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G221	1		Gudgeon 1 1/2" D x 4 3/8" LG stem
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G302	1	PC-010091-B	Gudgeon (Snap Ring Groove)
G323	1		Gudgeon 1 1/2" D x 7 3/8" LG stem
B261	1	Coe 10497	Bearing Housing
B163	1	Coe 10499	Bearing Housing
BU32	2		Bearing, Graphite
SP323	1	PC-018140	Hook Sprocket - 8 tooth 81X
S322	2	PC-045141	Star Gear
WEST-300	2	VM010601	1 9/16" diameter Gudgeon Washer
WEST-301	1		Snap Ring
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Coe M-72 Jet



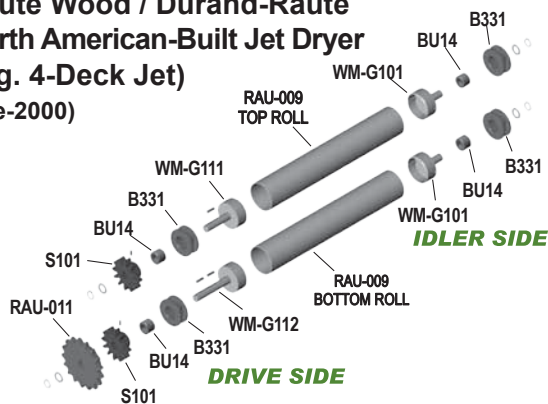
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G321	1	PC-010091-A	Gudgeon 1 1/2" D x 4 3/8" LG stem
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G302	1	PC-010091-B	Gudgeon (Snap Ring Groove)
G324	1		Gudgeon 1 1/2" D x 7 3/4" LG stem
B261	1	Coe 10497	Bearing Housing
B161	1	Coe 8212	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
SP323	1	PC-018140	Hook Sprocket - 8 tooth 81X
S322	2	PC-045141	Star Gear
WEST-300	2		1 9/16" D Gudgeon Washer
WEST-301	1		Snap Ring
WEST-307	3	VM010120	#1210 3/8" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"



# ROLL ASSEMBLIES

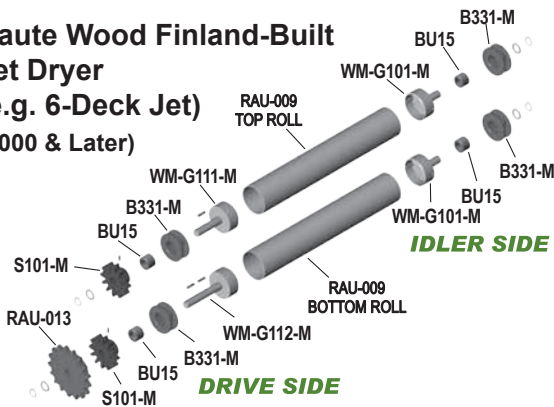
**WESTMILL™**

## Raute Wood / Durand-Raute North American-Built Jet Dryer (e.g. 4-Deck Jet) (pre-2000)



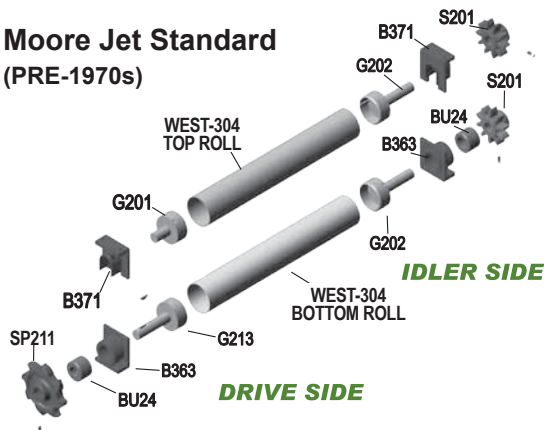
WESTMILL PART #	QTY.	CROSS REF. NO.	DESCRIPTION
RAU-009	2		Roll Tube 4" OD x 15'-9" LG
WM-G101	2	Raute	Gudgeon 1" D x 2 5/8" LG
WM-G111	1	Raute	Gudgeon 1" D x 4 1/8" LG
WM-G112	1	Raute	Gudgeon 1" D x 6" LG
B331	4	Raute/Durand Raute 4R708667	Bearing Housing
BU14	4	Raute/Durand Raute DR-488-1 590-1648	Stepped Bearing, Teflon
S101	2	Raute/Durand Raute 3R708513	Star Gear
RAU-011	1	514-6017	Dryer Roll Sprocket 17T
	3		1/4" Square Key
WEST-302	2		Square Head Set Screw 1/4" UNC x 3/4"

## Raute Wood Finland-Built Jet Dryer (e.g. 6-Deck Jet) (2000 & Later)



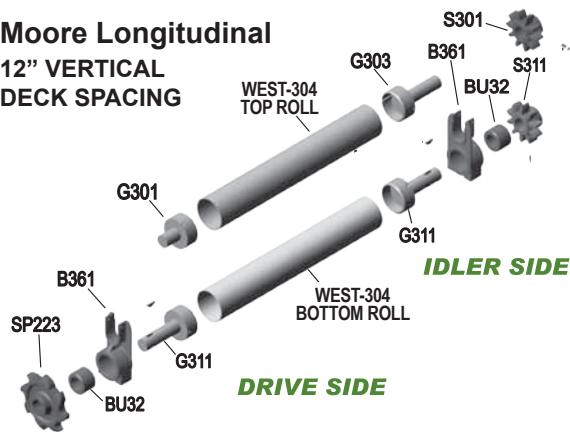
WESTMILL PART #	QTY.	CROSS REF. NO.	DESCRIPTION
RAU-009	2		Roll Tube 4" OD x 15'-9" LG
WM-G101-M	2		Gudgeon 1" D x 2 5/8" LG
WM-G111-M	1		Gudgeon 1" D x 4 1/8" LG
WM-G112-M	1		Gudgeon 1" D x 6" LG
B331-M	4	Raute/Durand Raute 4R504306KK	Bearing Housing
BU15	4	Raute/Durand Raute	Bearing, Teflon
S101-M	2	Raute/Durand Raute	Star Gear
RAU-013	1		Dryer Roll Sprocket 15T
	3		Key
	2		Set Screw

## Moore Jet Standard (PRE-1970s)



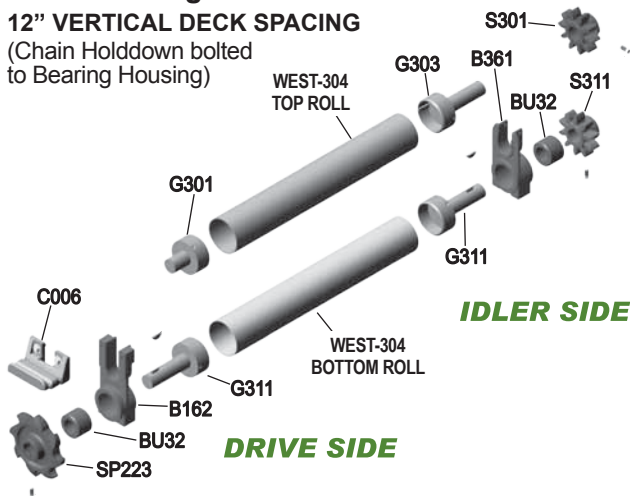
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G201	1	PB025116AB	Gudgeon 1 1/4" D x 2" LG stem
G202	2		Gudgeon 1 1/4" D x 5" LG stem
G213	1		Gudgeon 1 1/4" D x 5" LG stem
B363	2	RD-162	Bearing Housing - bottom
B371	2	RD-161	Bearing Housing - top
BU24	2		Bearing, Graphite
S201	2		Star Gear - Plain
SP211	1	RD-77	Hook Sprocket - 8 tooth 81X
WEST-306	1		#808 1/4" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Moore Longitudinal 12" VERTICAL DECK SPACING



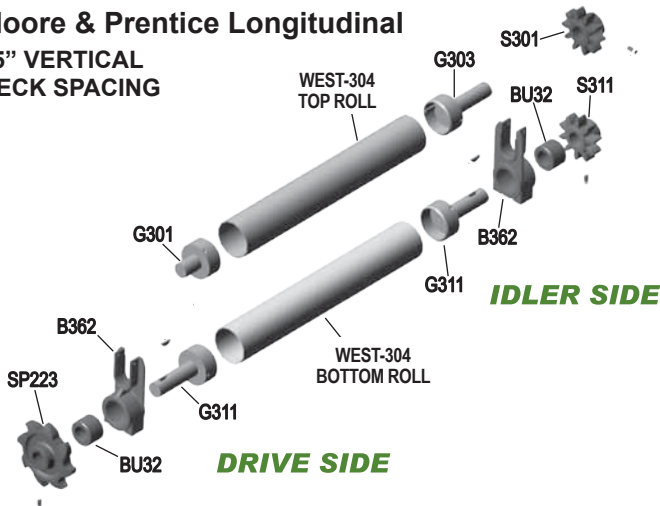
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G303	1		Gudgeon 1 1/2" D x 5" LG stem
G311	2		Gudgeon 1 1/2" D x 5" LG stem
B361	2	RD-165	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
S301	1		Star Gear - Plain
S311	1		Star Gear - Keyed
SP223	1	RD-77	Hook Sprocket - 8 tooth 81X
WEST-306	2		#808 1/4" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Prentice Longitudinal 12" VERTICAL DECK SPACING (Chain Holddown bolted to Bearing Housing)



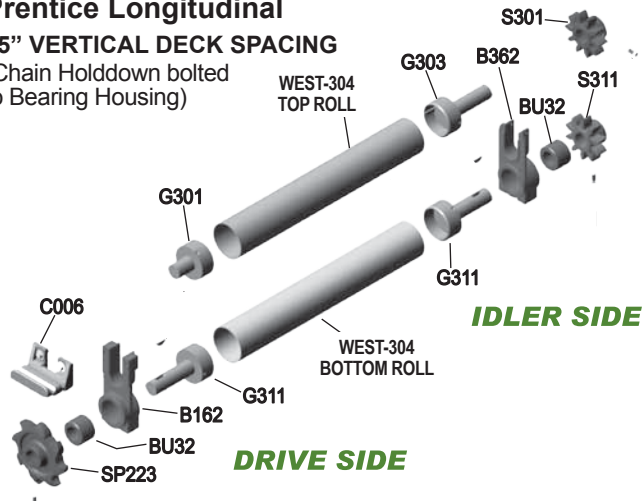
WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G303	1		Gudgeon 1 1/2" D x 5" LG stem
G311	2		Gudgeon 1 1/2" D x 5" LG stem
B361	1	RD-165	Bearing Housing
B162	1	C-30	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
S301	1		Star Gear - Plain
S311	1		Star Gear - Keyed
SP223	1	RD-77	Hook Sprocket - 8 tooth 81X
C006	1	C30	Holddown
WEST-306	2		#808 1/4" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"
	2		Hex Head Bolt 3/8-16 UNC x 1 (for Holddown)
	2		Flat Washer 3/8" Diameter Standard (for Holddown)

## Moore & Prentice Longitudinal 15" VERTICAL DECK SPACING



WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G303	1		Gudgeon 1 1/2" D x 5" LG stem
G311	2		Gudgeon 1 1/2" D x 5" LG stem
B362	2	RD-65	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
S301	1		Star Gear - Plain
S311	1		Star Gear - 10 tooth Keyed
SP223	1	RD-77	Hook Sprocket - 8 tooth 81X
WEST-306	2		#808 1/4" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"

## Prentice Longitudinal 15" VERTICAL DECK SPACING (Chain Holddown bolted to Bearing Housing)



WESTMILL PART NO.	QUANTITY	CROSS REF. NO.	DESCRIPTION
WEST-304	2	VM011288	Roll Tube 3 3/4" OD x 15' LG
G301	1		Gudgeon 1 1/2" D x 2" LG stem
G303	1		Gudgeon 1 1/2" D x 5" LG stem
G311	2		Gudgeon 1 1/2" D x 5" LG stem
B362	1	RD-65	Bearing Housing
B162	1	C-30	Bearing Housing
BU32	2	PC-066095	Bearing, Graphite
S301	1		Star Gear - Plain
S311	1		Star Gear - 10 tooth Keyed
SP223	1	RD-77	Hook Sprocket - 8 tooth 81X
C006	1	C30	Holddown
WEST-306	2		#808 1/4" Woodruff Key
WEST-302	3		Square Head Set Screw 3/8" UNC x 3/4"
	2		Hex Head Bolt 3/8-16 UNC x 1 (for Holddown)
	2		Flat Washer 3/8" Diameter Standard (for Holddown)

## PARTS, RETROFITS & REPLACEMENTS

### M-72 Popular Replacement Parts

	WESTMILL PART NO.	DESCRIPTION
	Fan-305	44" NYB Fan Class II 2-11/16" Bore
	Fan-703	44" NYB Fan Inlet Cone
	CED-007 & CED-008	Dodge Fixed and Floating Bearings 2-11/16" Bore
	WM-247	Fan Shaft Seal
	WM-248	Cooling Wheels / Heat Slingers 2-11/16" Bore
	WM-249	Fan Shaft Collars



### CED-007 & CED-008 High-Temp Bearings Fixed and Floating Bearings 2-11/16" Bore

Dodge and WESTMILL™ collaborated to design a custom solution for the harsh high-heat dryer fan environment. The design extends the life of the bearing to save you in downtime and labour. In stock!



Sheaves  
and belts

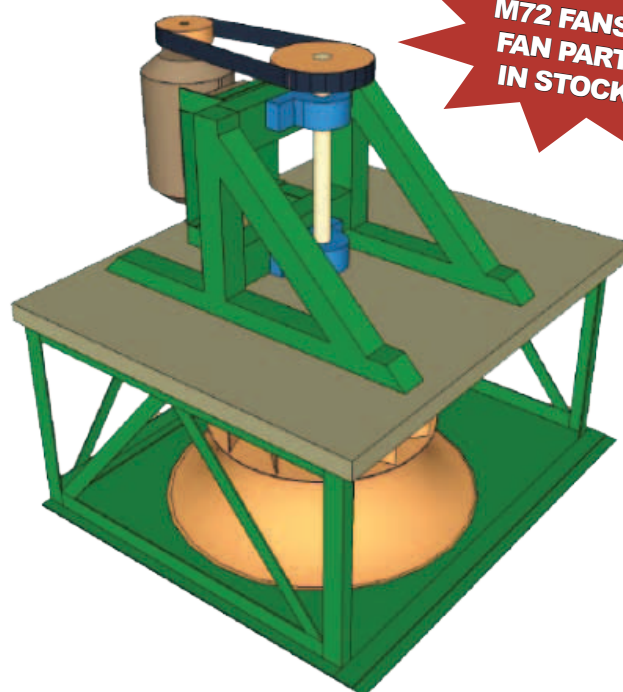


Cooling fans



Motors

Fan shafts, motors, pulleys and sheaves  
available – please call for details.



**M72 FANS &  
FAN PARTS  
IN STOCK!**

### M72 Plug Fan Assembly Replacement

- Upgraded heavy duty motor & bearing mounts
- 3" thick panel with mounting frame
- New 2-11/16" shaft, bearings and cooling wheel
- Upgraded fan shaft seal
- New Class II 44" NYB Fan and inlet cone
- Motors – belts – sheaves

### Plug Fan Assembly Options

- Heavy duty Class III fan for increased air flow capability – includes 3-7/16" shaft bearing
- Fan shaft pressurization
- Guard systems
- Lubrication systems
- Fan inlet screens
- Overhung motor mounts:
  - Motors hang over the side of the dryer
  - Reduce heat exposure to fan motors
  - Custom motor bases

**NEW WESTMILL™  
PRODUCTS**

### New Fan Panels

- Factory seal-welded insulated panel, stainless exterior
- Mineral wool insulation, packing gland, motor/drive base
- Motor base is part of structural integral panel construction
- Steel tube internal frame – adds strength, minimizes vibration

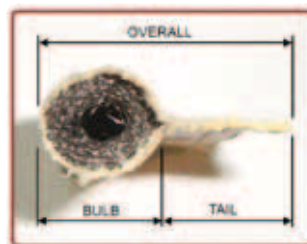
## SOLUTIONS FOR ALL MAKES AND MODELS OF FANS.

**Let WESTMILL™ be your fan favorite.**

## THE WESTMILL™ TADPOLE-STYLE DOOR SEAL

Tadpole seals are recommended for uneven door surfaces.

- Stainless mesh core conforms to the irregular surfaces.
- Suitable for all dryer temperatures and heat types.
- Made from non-asbestos material.
- Chemical resistant.



*Sold by the foot.*

					
WESTMILL PART #	WEST-303	WEST-303 B	WEST-303 K	WEST-400	WEST-303 M
BULB DIAMETER	5/8" to 1" custom sizes also available				
TAIL	1 1/8"	1 1/8"	1 1/8"	5/8" x2	1 1/8"
CORE	SS Mesh (round)	SS Mesh (round)	5/8" SS Mesh (round)	5/8" SS Mesh (round)	SS Mesh (round)
JACKET	Silicon Coating Fiberglass	Teflon Coating Fiberglass	Teflon-coated Kevlar	Teflon-coated Kevlar	SS Interwoven Fiberglass
COLOR	Gray	Black	Golden	Golden	Gray



### Seam tape and high-temp rope

A wide variety of sizes and thicknesses **PLUS** an extensive selection of materials.



## THE WESTMILL™ VENEER DRYER LONG-REACH BIMETAL THERMOMETER



View real time temperatures of the dryer zones with our long-reach bimetal thermometer.

- Easy to install:
  - No wires and hook ups
  - Simply install a 1/2NPT hole, insert probe and tighten
- Stem length of 12" (other lengths available)
- Stainless steel construction
- Adjustable head for viewing from all angles
- Large easy-to-read digits on the 5" dial
- Calibration adjustment

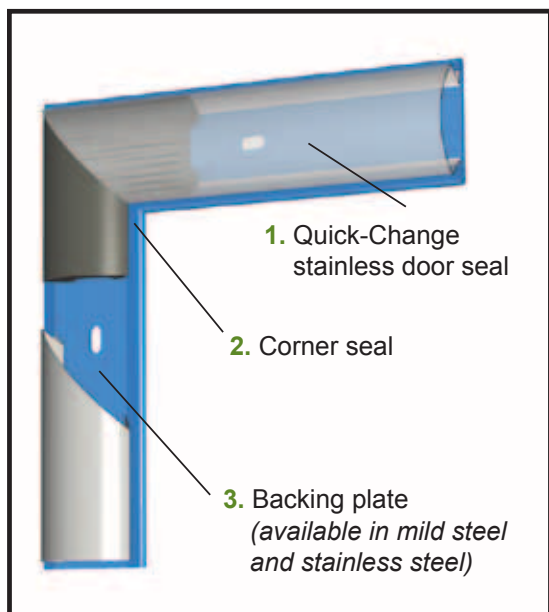
Part number: GAGE51201





## Quick-Change Dryer Door Seal **System 1-2-3™**

WESTMILL's Quick-Change Dryer Door Seal **System 1-2-3™** is a cost-effective solution to seal up your dryer. **System 1-2-3™** incorporates a stainless steel "D" profile seal (gray in picture) that quickly and easily attaches to a permanent "backing plate" (blue in picture) that is plug-welded to your dryer door frames.



### **System 1-2-3™: A superior and cost-effective solution**



**First-time installation:** Same cost as tadpole seals.  
**Future seal replacement:** Half the cost of tadpole seals.

**Re-install SS door seal in just 5 minutes.** (Typical tadpole re-install can take over 2 hours.) **1-2-3™** is designed for retrofits.



The stainless **1-2-3™** seal can withstand direct exposure to nuisance fires, unlike typical fabric tadpole seals.

High-temperature silicon 90-degree corner seal provides a leak-free corner joint and a perfect fit of the stainless seals.



The backing plate seldom needs to be replaced for future repairs. **System 1-2-3™** is that easy!

### 1. Stainless Door Seal

WESTMILL PART #	NAME & LENGTH
WEST-333	78" SS Door seal
WEST-332	96" SS Door seal
WEST-331	120" SS Door seal
WEST-327	144" SS Door seal

### 2. Corner Seal

WESTMILL PART #	HIGH TEMPERATURE CORNER
WEST-326	Silicon corner seal

### 3. Backing Plate

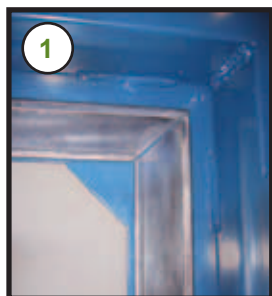
WESTMILL PART #	NAME & LENGTH
WEST-334	72" MS Backing plate*
WEST-330	96" MS Backing plate*
WEST-329	120" MS Backing plate*
WEST-328	144" MS Backing plate*

\* Backing plates also available in stainless steel.

\*\* Cut to length with mitered corners available.

**SS = stainless steel MS = mild steel**

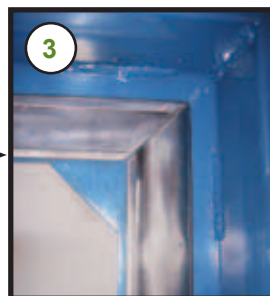
**First-time installation: 4 easy steps. Repairs and changes in just 5 minutes!**



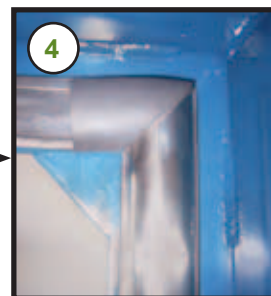
Mount backing plate \* \*\*



Apply red silicone under backing plate



Insert stainless steel door seals



Install corner seals



**Finished System 1-2-3™**

## WESTMILL's Patented Articulating Door Hardware (Patent No. 6,447,807)

WESTMILL's Patented Articulating Door Hardware is the most functional and easily adjustable door hardware available on the market today, with over 5,000 sets in operation.

Our hardware can be factory installed to the doors before shipment to the site. On-site door mounting is quick and simple with the drop of a hinge-pin. Rather than just rotating about the hinge pin, Westmill's articulating hinges cause the door to pull 'straight-away' from the door seal when first opening the door. When closing, our articulating hardware provides a very positive door seal and closure (compared to standard OEM style hardware) while greatly increasing door seal life.

We designed our door hardware castings to be compatible with the mounting hole patterns found on Coe M-62 and M-72 veneer dryers. If your dryer's doors and seals are in good condition, simply adding the WESTMILL™ Door Hardware will give you better door closure and prevent dryer leakage.

WESTMILL's Door Hardware has only one handle, and provides safe, quick and easy opening and closing of the dryer doors without strain.

### Door hardware adjustment made easy

Time-consuming and continual re-shimming of door hardware is no longer necessary to maintain a proper seal. Adjustment for proper closure-pressure and seal contact on the hinge side is accomplished by simply turning the horizontal cross rods to the desired tension, and can be done while the dryer is running. To adjust the latch-side seal pressure, simply tighten or loosen the latch contact bolts.

WESTMILL's hardware is manufactured with slotted mounting holes, especially helpful when fitting new doors or hardware to an existing dryer. Grease fittings on the hinge pins prevent seizing in the harsh dryer environment, and all components are either zinc plated or powder coated for unparalleled corrosion resistance.



Our Patented Articulating Door Hardware has a lifetime guarantee against normal wear and tear.

### Many clients use our door hardware at multiple locations:

CUSTOMER	LOCATIONS
Bessemer Plywood	Bessemer MI
Boise Wood Products	White City OR
CIPA Lumber Co. Ltd.	Delta BC
Coastland Wood Industries Ltd.	Delta BC
Federated Cooperatives Ltd.	Canoe BC
Freres Lumber Co., Inc.	Lyons OR and Mill City OR
Georgia Pacific Wood Products	Emporia VA and Jarratt VA
Hunt Forest Products	Natalbany LA
Louisiana Pacific	Golden BC
Pacific Wood Laminates	Brookings OR
Potlatch Corporation	St. Maries ID
Richmond Plywood	Richmond BC
Roseburg Forest Products	Dillard OR
Savona Specialty Plywood Co. Ltd.	Savona BC
Swanson Group	Glendale OR and Springfield, OR
Timber Products	Grant's Pass OR
Tolko Industries Ltd.	Armstrong BC, Heffley Creek BC and Kelowna BC
Trus Joist Weyerhaeuser	Buckhannon WV, Colbert GA and Delta BC
West Fraser Mills Ltd.	Quesnel BC, Williams Lake BC and Edmonton AB

### FEATURES

- Single-handle design provides safe, quick and easy opening of doors.
- Adjustments for closure pressure are quick and easy.
- Pulls door pull straight out from the seal when door is opened, increasing seal life.
- When closed, provides a very positive door seal and closure.
- Compatible with mounting hole patterns on Coe M-62 and M-72 veneer dryers.
- Slotted mounting holes assist with fitting new doors or hardware to existing dryers.
- Hardware can be factory-installed to doors before shipment.
- Components zinc-plated or powder-coated to resist corrosion.
- Made from cast steel to prevent breakage.
- Guaranteed for life against normal wear and tear.

ADJUST THE DOORS  
WITH THE DRYER  
OPERATING

INCREASES THE  
LIFE SPAN OF  
DOOR SEALS

MORE THAN  
5,000 SETS IN  
USE TODAY

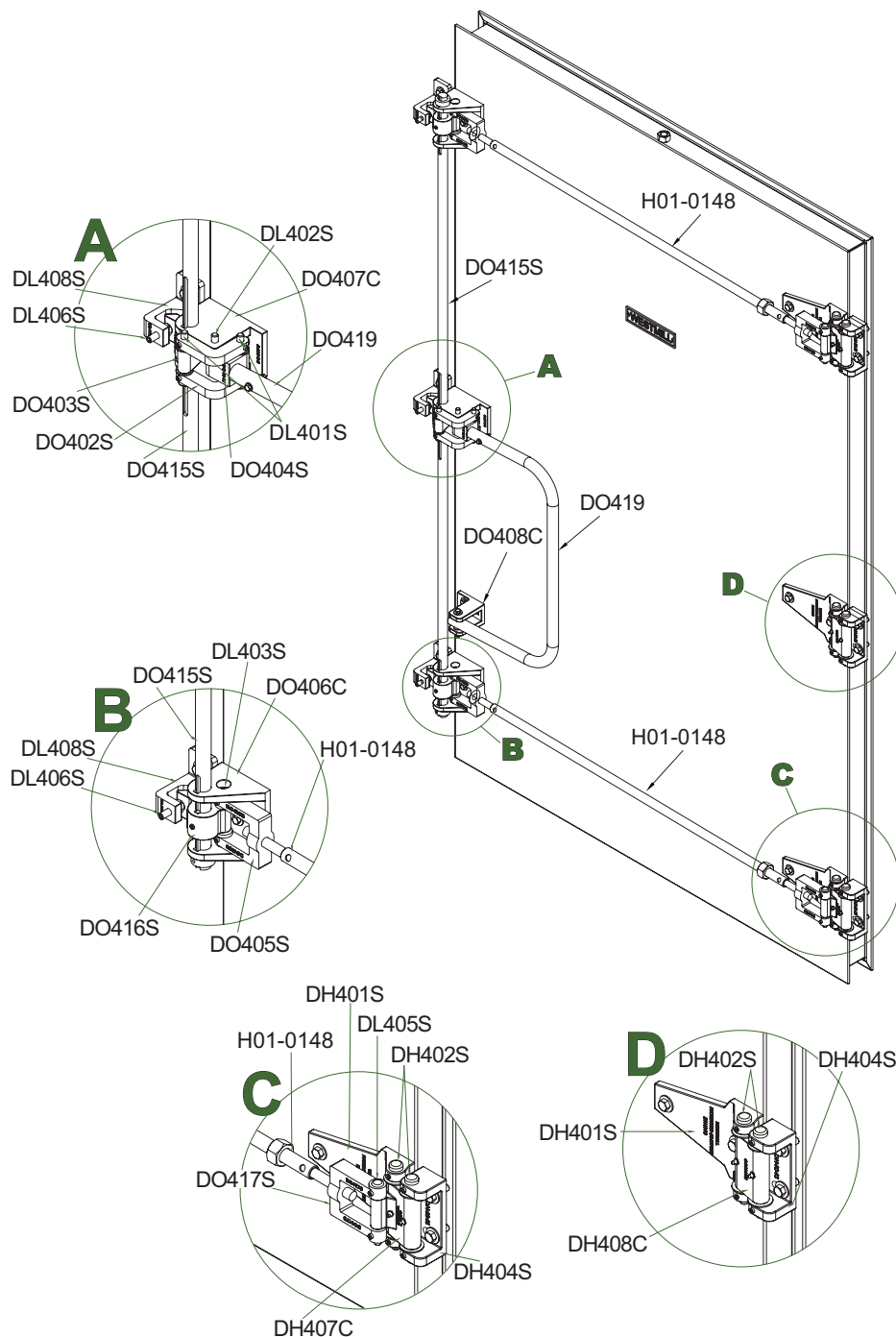
## Westmill™ (Cast Steel - after 2003)

	WESTMILL PART NO.	QTY	NAME
	DH401S	3	Hinge Door Plate
	DH402S	6	Capped Pin 5/8" x 7"
	DH404S	3	Post Mount, 5" Single
	DH407C	2	Cross Arm Hinge
	DH408C	1	Center Hinge
	H01-0148	2	Cross Arm Rod (Specify length or specify width between door posts)
	DL401S	3	Capped Pin 1/2" x 3 1/2"
	DL402S	3	Capped Pin 1/2" x 4 1/2"
	DL403S	2	Pin 1/2" x 4 1/4"
	DL405S	2	Capped Pin 1/2" x 5"
	DL406S	3	Latch Adjustment Bolt
	DL408S	3	Post Mount, Latch, Single
	DO402S	2	Eccentric Lock Connectors
	DO403S	1	Middle Lock Tab
	DO404S	1	Upper Handle Link
	DO405S	2	Cross Arm Clevis LH
	DO406C	2	Cross Arm Latch Base
	DO407C	1	Center Latch Base
	DO408C	1	Bottom Handle Base
	DO415S	1	Vertical Main Shaft (Specify length or specify height of door)
	DO416S	2	Cross Arm Lock Tab
	DO417S	2	Cross Arm Clevis RH
	DO419	1	Door Handle

### WHY CAST STEEL?

- ✓ Stronger than cast iron
- ✓ Resists breakage under stress or from accidental contact
- ✓ High precision castings and surfaces
- ✓ Designed and built to last a lifetime

### CAST STEEL LATCHES & HINGES



## COE

	WESTMILL PART NO.	CROSS REF. NO.	NAME
	DH101	CP009916 PC090679	Single Hinge Butt
	DH102	CP007914A PC0312820A	Hinge Strap
<b>CUSTOM</b>	DH 205	Moore RD-14B PC-080539	Hinge Block
	DL101	CP009812 PC030058	Cam Roller Block
	DL102		Latch Roller Pin
	DL103		Latch Roller
	DL104	Coe 9810	Latch Shoulder Bolt
	DL105	Coe 9812	Latch Roller Block Assembly
	DL106		Shake- proof Washer
	DO101	CP009915 PB014962-B	Cam Handle, left
	DO102	CP009914 PB014962-A	Cam Handle, right
	DO103		Hinge Pin 1/2" diameter x 4" long

## MOORE

	WESTMILL PART NO.	CROSS REF. NO.	NAME
	DH201	Moore RD-32	Double Hinge Butt
	DH202	Moore RD-36	Single Hinge Butt
	DH203	Moore F-570	Hinge Strap
	DH204	RD-33	Hinge Butt
	DL201	Moore RD-34	Latch Block
	DL202	Moore RD-35	Latch Handle, left
	DL203	Moore RD-35	Latch Handle, right
	DL204	Moore RD-31	Latch Butt Plate, double
	DL205	Moore RD-29	Latch Butt Plate, single
	DL206	Moore RD-35	Latch Hook
	DO201		Hinge Pin 5/8" diameter x 6 1/2" long
	DO202		Hinge Pin 5/8" diameter x 5" long

## PRENTICE

	WESTMILL PART NO.	CROSS REF. NO.	NAME
	DH301	Prentice C-16	Double Hinge Butt
	DH302	Prentice C-15	Single Hinge Butt
	DH303	Prentice C-13	Hinge Strap
	DL301	Prentice C-11	Latch Shoe
	DL302	Prentice C-12	Latch Cam, left
	DL303	Prentice C-12	Latch Cam, right
	DL304	Prentice C-17	Latch Handle Clip
	DL305		Latch Block
	DL306		Latch Bearing
	DO301		Door Handle
	DO302		Hinge Pin 1/2" diameter x 6 1/4" long

**WESTMILL™ stocks parts for most makes and models of veneer dryers!**  
**Warehouses in Atlanta GA, Eugene OR, Vancouver BC**





## DRYER DOORS

WESTMILL™ has been supplying dryer doors to the veneer industry for more than 35 years. WESTMILL™ doors are available in “box” style and “floating-skin” style. Our “floating-skin” style dryer doors are warp resistant and easily installed to your existing dryer. To reduce warping caused by thermal expansion, the skins “float” independently of the door frame itself. The inside door skin has flat bar stiffeners that prevent “oil canning.”

WESTMILL™ doors are available in all sizes for any dryer (including Coe, Moore, Prentice, Raute Wood (Durand-Raute) and Babcock). Our doors will fit your existing OEM hardware and are quickly changed out during a regular maintenance shift.

### Standard features:

- Strong structural steel interior framework
- Robust mountings for door hardware
- Easy installation

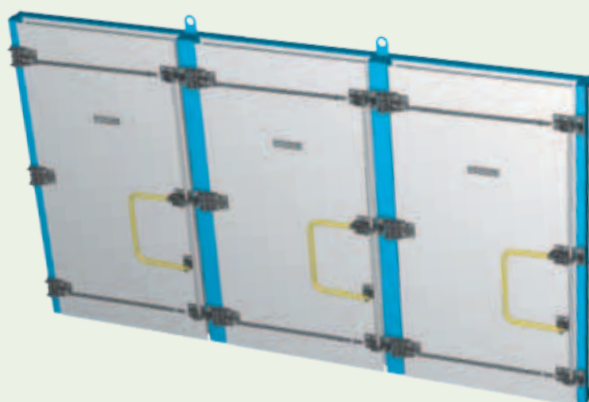
### Options:

- 16-gauge, 304 stainless steel – one or both sides
- Painted mild steel – one or both sides
- Hole patterns to fit any OEM dryer
- WESTMILL'S patented articulating door hardware (see pg 16)
- Welded nuts to allow you to use a lifting eye to mount the doors

**When these doors are combined with WESTMILL™ articulating door hardware and our Quick-Change Dryer Door Seal System 1-2-3™, the result is the best dryer door system available.**

## QUICK-INSTALL DOOR CARTRIDGE SYSTEMS

*It's a new door on a new door frame – an economical solution that straightens, strengthens and seals your dryer.*



**WESTMILL's 3-Door Cartridge System (shown). 1 to 4-door units available.**

**Give yourself the edge. Replace leaky dryer doors that are draining your company's profitability with Quick-Install Door Cartridge Systems from WESTMILL™.**

Seal-weld the door cartridge system to your dryer frame. The result is a solid airtight frame for the best door system in the industry.

The airtight installation on these innovatively-designed door systems will:

- prevent heat loss,
- reduce emissions,
- improve your mill's efficiency, and
- lower your overall operational costs.

### Easy Installation

WESTMILL's doors, hardware, door seals and frame systems can come completely pre-assembled, allowing for quick, easy and inexpensive installation.

- Doors and hardware are easily adjustable, even with the dryer running.
- New door units are available in a range of widths and sizes.

## JET TUBES

WESTMILL™ supplies replacement jet tubes for any style of veneer dryer that you have: Coe, Moore, Raute Wood, Durand-Raute, Babcock, Moore-Jacksonville, Moore-Canada, Omeco, Fezer, Proctor Schwartz, OEM styles and others.

Our jet tubes are interchangeable with OEM jet tubes. We maintain high quality standards at an excellent price.

**M-72 JET  
TUBES IN  
STOCK**

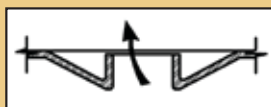


## Hole Types

We offer standard hole count (180 holes) and high-volume (303 holes) jet tubes, with custom configurations available. We have the correct OEM tooling to offer the following hole types:



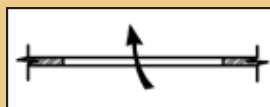
Fingernail hole



Raute Wood / Durand-Raute  
(orifice profile) 3/8" and 1/2"  
diameters



Flat hole



Flat slot

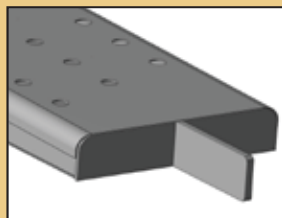


Weyerhaeuser hole  
(Coe style)

## Standard and Custom Jet Tube Ends to Your Specifications



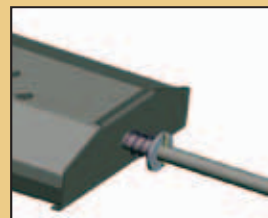
1/2" CR round



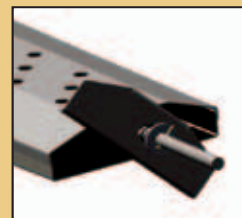
Flat bar



Eye patch for air hose  
clean-out



Spring-held rotating tube end



## Custom Designs

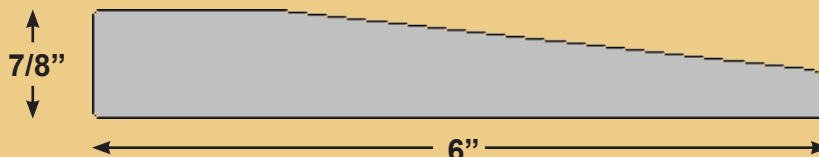
We look at jet tubes as more than just an "off the shelf" item. Contact us to discuss what is the best tube size, hole type, hole pattern and tube end for your dryer. We have an endless range of custom capabilities. For example, we can put Raute holes in a Coe tube, or supply a tube with round holes on one half (no profile) and Fingernail holes on the other half. **If you want it, we can build it.**

Our standard jet tube is made from #16 gauge mild steel, but other thicknesses are available upon request.

We can offer beveled leading and trailing edges to eliminate the need to stock left-hand and right-hand jet tubes. We also offer beveled leading edge only, to help reduce the possibility of plug-ups in your dryer conveyor.

## M-62 / M-72 Jet Tube Locking Pins

Part # J01-0062 (universal fit)



## PLUG-UP DETECTOR PARTS

	NAME	WESTMILL PART NO.
	Wire 7 x 7 Stainless Steel	BIS-001
	Insulator Bracket	PD-1
	Red Lamp Lens	PD-1004R
	Threaded Teflon Thru Panel Insulator	PD-1005
	Spring (Stainless Steel)	PD-1006
	Bolt - 3.5"	PD-1025
	Steel Nut	PD-1026
	Transformer	PD-1045
	Rectifier	PD-1067
	Split Bolt Wire Clamp	PD-1090
	Lamp Holder	PD-1162
	Wire Clip for Insulator	PD-1007A
	Nut for Threaded Insulator Rod	PD-1008
	Galvanized Wire	PD-1012
	Stand Off Insulator	PD-1022
	Bolt - 2"	PD-1024
	Bulb	PD-1327
	Washer	PD-1716
	Porcelain Insulator with Wire	PD-9632
	Wire - 7 x 19	WES-002
	Wire Crimp	WEST-59

## DRYER PLUG-UP DETECTION

Two of the most common causes for dryer downtime are veneer plug-ups and dryer fires. WESTMILL's Plug-Up Detection system helps to reduce the frequency and severity of both.

WESTMILL™ offers a Dryer Plug-Up Detection system that can be installed on any type of dryer. We offer a trip-wire style of system common to the veneer drying industry.

### How it works

When a plug-up occurs, the veneer raises the top pressure roll. When this roll contacts the trip-wire, an electrical signal is sent to the control center and a visual signal is given to the dryer operator. The visual alarm can be sent to multiple stations: a control box with lights and/or an electronic HMI display screen (e.g. Allen-Bradley PanelView). The operator can then stop feeding the dryer, diagnose the problem and correct the situation.

### Benefits

By identifying dryer plug-ups before they become major problems, you can:

- Maximize your dryer running time
- Help prevent fires from starting
- Prevent costly damage to dryer rolls, jet tubes and the main dryer frame

### We have the parts you need

WESTMILL™ can also supply all replacement parts for your existing Plug-Up Detection system, whether we supplied it initially or not.



## VENEER DRYER DRIVE TOWER

Maximize veneer recovery with our Dryer Drive Tower. It has an independent motor and Variable Frequency Drive for each deck. This allows for the clearing of a deck while the others continue to run.

- Provides individual deck speed control
- Plug-up veneer recovery
- Replace old oil-filled gear boxes or chain drive
- Eliminate costly shaft, gear and bearing replacement
- Eliminate downtime and maintenance of oil-filled gear boxes
- Cost effective – save veneer
- Bolt to existing imbeds



Our veneer dryer drive tower features independent deck drives.

*Call for details!*



## Inker Solenoid Valve

This item has been re-introduced into the market by WESTMILL™. In stock!  
Part # SPE-001



	WESTMILL PART NO.	CROSS REFERENCE NO.	NAME
	WEST-12	280-1513-00 MT-1090	Moisture Detector Brush All makes and models
	SPE-001	675-0089-00	Inker Valve with pigtail
	SPE-004	B-736-S24	Inker Valve Solenoid Coil
	MT-1071		Electrical Connector for Inker Valve
	MT-1078	B60-S002	Inker Valve Repair Kit (Plunger, Spring, O-Ring)
	MT-TOOL		Disassembly Tool for Inker Valve
	WM-091	Ward	Inker Valve Bracket
	WM-038	599-0083-00	Ward Moisture Brush Guard
	WARD-001	Ward 200C	Acrylic Insulator for Ward #220C System
	CAR-001	268-P	Standard Tube Fitting 1/4" tube x 1/8" NPT
	CAR-002	261-P	Quick Connect Coupling 3/8" tube x 1/4" NPT with pilot check valve
	CAR-003	261-P	Quick Connect Coupling 1/4" tube x 1/8" NPT with pilot check valve
	CAR-004	261P04	1/4" NPT Coupling Nut with plastic ferrule

	WESTMILL PART NO.	CROSS REFERENCE NO.	NAME
	COE-059	PC-111	Power Supply Card
	COE-060	PC-121	Control Circuit Card
	COE-061	PC-122	Reference Amplifier Card
	COE-062	PC-135	Auto Calibrate Detector Card
	WM-194	598-0033-00	Moisture Detector Spring
	WM-165	625-0269-04	3-gallon Ink Pot with Fittings
	COE-206	675-0094-00	Moisture Brush Holder
	ELL-001 ELL-002	CY-74 CY-75	Elliot Bay Ink Filter Housing
	ELL-003	CY-55	Elliot Bay Poly Brush Holder
	ELL-004	CY-56	Elliot Bay Aluminum Brush Holder



## EXPANSION ROLLER ASSEMBLIES

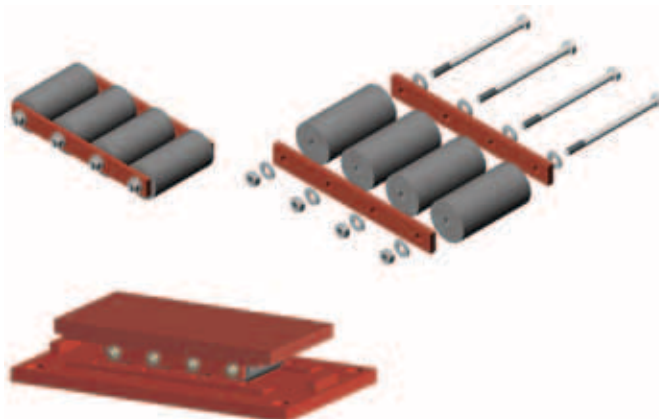
WESTMILL's expansion roller assemblies will keep your dryer straight and in-line. Easily and quickly retrofitted to any dryer, they are self-guiding and require no maintenance.

Our expansion roller assemblies are designed to be as compact as possible. If your current roller assemblies are taller, simply shim the new WESTMILL™ expansion rollers to suit. Field mounting is easy – simply anchor to existing concrete using our optional pre-drilled mounting holes, or weld to existing steel foundation plates.

Our expansion rollers are designed to be directly interchangeable with OEM parts.

### General specifications:

- Overall height: 2 3/4"
- Top and bottom plates: 5/8"-thick steel plates
- Base plate dimensions: 8" wide by 14" long (along roller axis)
- Roller diameter: 1 1/2" steel



Our pre-assembled cage keeps the rollers straight. The rolls will not fall out of the cage.

## MARKING INK FOR VENEER AND LUMBER

WESTMILL™ supplies plywood, LVL and veneer mills with permanent and disappearing marking inks for use in dry-end brush-style veneer moisture detectors. Our inks are compatible with Ventek, Ward, Elliot Bay, Coe, Raute Wood, Durand-Raute and other ink-spraying moisture detectors. Our inks are specially formulated to reduce clogging and freezing of spray valves, while continuously keeping the lines free of debris and contaminants.

### Permanent Marking Ink

Sold by the case of six 1-gallon (U.S.) jugs. 5-gallon (U.S.) pails and 55-gallon (U.S.) drums available upon request.

COLOURS	WESTMILL PART NO.	COLOURS	WESTMILL PART NO.
Black	ACI-007	Green	ACI-011
Blue	ACI-008	Red	ACI-012
Yellow	ACI-009	Purple	ACI-013
Orange	ACI-010	Brown	ACI-017



### Disappearing Marking Ink

WESTMILL's disappearing ink goes on full-strength but vanishes in just minutes. Perfect for high-quality veneers that you don't want to degrade simply due to ink spray: for example, "face" grade veneer sheets, patching stock and expensive hardwood veneers.

Custom colours available upon request.

COLOURS	WESTMILL PART NO.: 5-GAL (U.S.) PAIL	WESTMILL PART NO.: 55-GAL (U.S.) DRUM
Red	ACI-001	ACI-002
Blue	ACI-004	ACI-003



## "TOUGHY" DRYER CLEANER

"Toughy" Dryer Cleaner quickly loosens and dissolves the toughest pitch, grease and carbon build-up on veneer dryers.

Stocked in 20 L (5.3 gallon) pails and 205 L (54 gallon) drums.

- Easy to use and fast-acting
- Industrial strength – concentrated cleaning power
- Will not burn when applied to a hot surface
- Foaming and non-foaming formulations available



## MULTI-MEDIA BLASTER

Blasting with non-hazardous and biodegradable media such as **crushed walnut shells** or baking soda to remove pitch build-up from interiors and other hard-to-reach areas is safe, effective and environmentally friendly, and will not contaminate your facility.

Our Multi-Media Blaster allows for use of a variety of blasting materials. Including sodium bicarbonate, walnut shells, plastic media, corn cobs, sand, abrasive blast, aluminum oxide, glass bead, crushed glass, steel shot, steel grit and more. **An inexpensive, safe and effective way to clean your equipment. Call for more information.**



From cleaning pitch and tar to stripping rust or paint, the WM-21 can clean any surface profile.

Its controls are so precise, it is able to safely remove paint from a light bulb or strip years of old glue from a layup line.

## THE WESTMILL™ COMPRESSED AIR LUBRICATION SYSTEM: "ALD"



One ALD can do the job of many standard drip-style lubricators.

Call to request the full brochure.

- Centralized control of multi-point lubrication.
- Simplified oil feeding.
- Volume setting – only the pressure differential is adjusted.
- Oil can be replenished without stopping the air line.
- The micro-mist can be checked from the oil filler port.
- Reduce oil use significantly.
- Eliminate the tedious job of hand oiling.

Reduce demand for maintenance for compressed air systems and components with WESTMILL's ALD.

## NON-DESTRUCTIVE PIN-FREE HANDHELD MOISTURE METERS

Accurately confirm the moisture content of your veneer with WESTMILL's quick and precise handheld moisture meter.



It fits in the palm of your hand!  
Call for more details.

## PNEUMATIC GRINDER

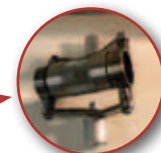
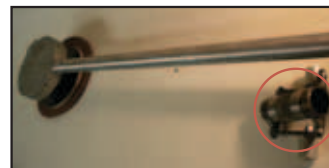
For cleaning the press platens

### Features:

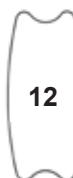
- Sander head weighs about 7-8 lbs., and the whole assembly about 10 lbs.
- Grinder head diameter is about 6.5 inches, plus the 2.5-inch protrusion on the front of the assembly.
- Grinder heads are pneumatic – no electric power required.
- Grinder shaft length is available in 6-foot increments; leverage roller assembly is adjustable 2.25-3 inches.
- Grinder head rotates at about 3000-3,600 RPM.
- Typical air pressure is 90-200 PSI (tested up to 200 PSI).
- Sanding pads can be glued on or applied with Velco.



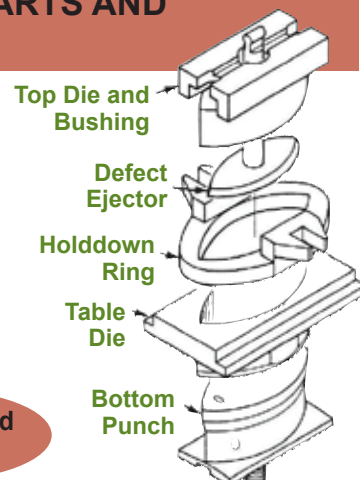
Grinder shaft and adjustable roller assembly.



## PATCHER DIES, PARTS AND SHARPENING



All makes and models.





**UPGRADED!**

# LightSORT™ Plus

Green Veneer Moisture Measuring System

- Enhanced optimization
- Multiple reporting features
- Hardware improvements
- Intuitive user interface

## ENHANCED OPTIMIZATION

- Multiple sort strategies:
  - Average
  - Peak
  - Peak & average hybrid
  - Peak & average hybrid with trouble sheet
- Tuning utility for sort point optimization:
  - Target grade breakdown
  - Sort transition settings

## USER FRIENDLY

- LightSORT™ simulation software
- Multiple visual aides
- Stacker feedback
- Remote station(s)
- Improved HMI panels
- Scalable graphs
- Scatter plot and histogram

## DOWNSTREAM BENEFITS

- Feed-forward dryer control:
  - Reduced re-dry
  - Reduced re-feed
  - Reduced over-dry
- Bin counts and moisture content of the bin
- Improved dryer production

## ENHANCED REPORTING

- Windows-based Excel spreadsheet format
- Every sheet of veneer is uniquely identified
- Historical data retrieval and modeling capabilities
- APA-reporting compatible

Compatible with any stacker configuration, species and peel thickness

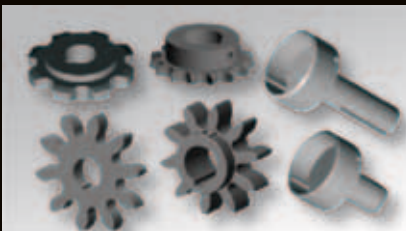
**IT'S LIGHTSORTED!**

[www.lightsort.ca](http://www.lightsort.ca)

Toll-free phone: 1-877-607-7010 • [sales@westmill.com](mailto:sales@westmill.com)



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