WTC MACHINERY Engineered to perform. Built to last.

WTC Machinery is a global leader in designing and building machinery and tooling for heavy equipment repair facilities.

WTC Medium Track Winder

Overview

WTC Machinery's Medium Track Winder is designed for winding and unwinding track chains from bulldozers, excavators, and other tracked vehicles for compact storage and transportation. It handles track chains with or without track shoes installed and accommodates small- to medium-sized equipment, up to Caterpillar D10 and equivalent-sized machines.

The Medium Track Winder features easy unloading of coiled track chains and wireless remote control, allowing the operator to safely monitor and adjust the chain as it winds from a distance. This provides greater control when handling bulky track chains while helping reduce the risk of operator injury.



Specifications:

Maximum Chain Weight:	12,000 lbs (5450 kg)
Maximum Coil Diameter:	105" (2.68m)
Maximum Pad Width:	48" (1.52m)
Machine Weight:	5,760 (2620 kg)
Dimensions:	(W x L x H)
Unloaded:	59" x 106" x 70" (1,50m x 2.69m x 1,78m)

Flexible Positioning Options

The Medium Track Winder can be positioned at the end of a track press conveyor system to coil track chains directly off the conveyor. Multiple positioning configurations allow operators to accommodate different coil sizes and workspace requirements.

•Both Legs Under the Track Chute: Keeps the Track Chute open for loading track chains but limits the maximum diameter of the finished coil.
•Front Leg Under the Track Chute Only: Provides additional clearance for winding larger track chain coils.
•Neither Leg Under the Track Chute: Allows the Track Winder to be positioned at the end of the Track Chute.
•Standalone Operation: Can also be used independently in an open area, separate from the track press conveyor system.

Optional Track Ramps and Bridges

WTC Machinery offers optional Track Ramps and Bridges that can be added to the Track Winder to provide additional track chain loading options and improve material handling.

For more information, or to request a quote: online: www.wtcmachinery.com • email: sales@wtcmachinery.com
phone: 800-248-8405 (U.S.) • 262-567-3993 (Intl.)

MACHINERY, LLC

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MANUFACTURERS/BENEFICIARY'S WARRANTY CERTIFICATE
WTC MACHINERY, LLC WARRANTY

WTC MACHINERY, LLC warrants its products to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months after date of shipment. WTC MACHINERY, LLC undertakes to be responsible for any defect that may arise due to faulty raw materials, design, workmanship and defective parts and to replace them without extra cost. Freight charges are the customer's responsibility. Our warranty is not transferable.

WTC MACHINERY, LLC shall have the option of requiring the return of all parts claimed defective. Parts proved to be defective, due to defect in workmanship and/or material, shall be either repaired or replaced free of charge, F.O.B. our designated factory. All parts warranty claims are subject to inspection by WTC MACHINERY, LLC and acceptance at the factory

Our warranty does not obligate us to bear the cost of labor or transportation charges in connection with the replacement or repair of defective parts and the removal and/or remounting of the parts repaired or replaced under this warranty, unless specifically authorized in writing by WTC MACHINERY, LLC. All parts returned to the factory must be shipped freight prepaid; no collect freight will be accepted by the factory. Forms authorizing such returns for inspection must accompany all returns.

This warranty shall not apply to products not manufactured by WTC MACHINERY, LLC.
Outside purchased equipment and accessories (not of WTC manufacture) are warranted only to the extent of the original equipment manufacturer's warranty and subject to their allowance to WTC MACHINERY, LLC. In this respect, our warranty obligations must conform and be limited to the warranty extended to WTC MACHINERY, LLC by its suppliers as extended to the customer.

We shall, in no event, be liable for consequential damages or contingent liability arising out of the failure of any unit or part to operate properly, or that is subject to:

- Ordinary operating wear, abuse, misuse, or overloading;
- Repairs or alterations by parties other than WTC MACHINERY, LLC;
- The use of improper fluids, contaminated fluids or improper filtering;
- The use of improper voltage hookup in the electrical connections of any equipment;
- Negligence, accident or damages due to deterioration during periods of storage by the purchaser prior to installation and operation;
- Damages occurred in shipment after leaving factory en route to customers' delivery point, as title to equipment passes to customer when loaded onboard for shipment, f.o.b. factory, and customer must place his own claim against damaged goods directly to the shipping company and not against WTC MACHINERY, LLC, its factory, or any of its personnel.
- Damages due to circumstances beyond the control of WTC MACHINERY, LLC and in connection with fulfilling any obligation under this warranty.

To the maximum extent permitted by applicable law, in no event shall WTC Machinery, LLC be liable for indirect, special, incidental or consequential damages resulting from personal injury, loss of business profits or business interruption from the use of its products, or from the inability to use its products.

This warranty is exclusive and is in lieu of all other expressed and implied warranties, including but not limited to implied warranties or merchantability and fitness for a particular purpose. WTC MACHINERY, LLC shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured or supplied by WTC MACHINERY, LLC, or services rendered to it.

SECTION 2 – B3705R Medium Track Winder Specifications

Description – The B3705R Medium Track Winder coils track chains from small and medium sized 'dozers, excavators and other tracked equipment – up to Caterpillar D10 and equivalent-sized machines. The Track Winder features easy unloading of coiled tracks and a wireless remote control that allows the operator to safely watch and adjust the chain as it winds.

Machine Dimensions

Weight	– 4,500 lbs (2050 kg)	Width	– 59" (1,50 m)
Unloaded Height	– 70" (1,78 m)	Unloaded Length	– 106" (2,69 m)
Max. Loaded Height	– 118" (2,99 m)	Max. Loaded Length	– 116" (2,94 m)

Operating Temperature Range ….. 40° to 110° F (4° to 43° C)

Maximum Track Chain Load

Maximum Weight…… 12,000 lbs (5450 kg)
Maximum Coiled Diameter……..…. 105 inches (2,67 m)
Maximum Width Including Shoes……. 48 inches (1,22 m)

Winding Speed

60 Hz Supply …… 2.0 RPM
50 Hz Supply …… 1.6 RPM

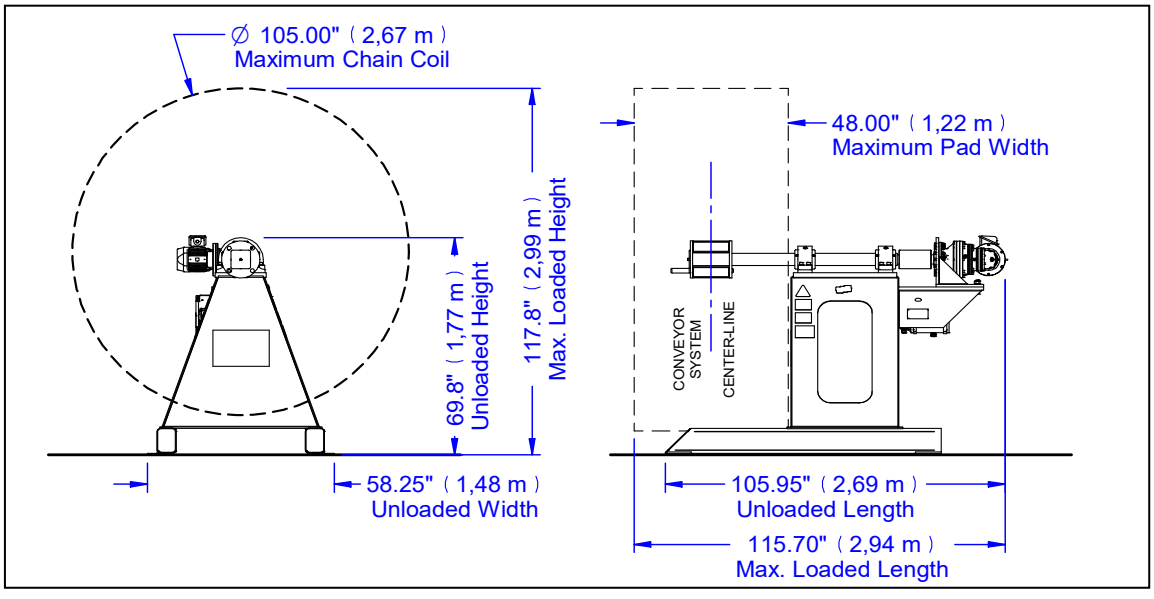
Electrical Requirements

2 Hp (1.5 kW) 3 Phase Electric

Standard Voltages:

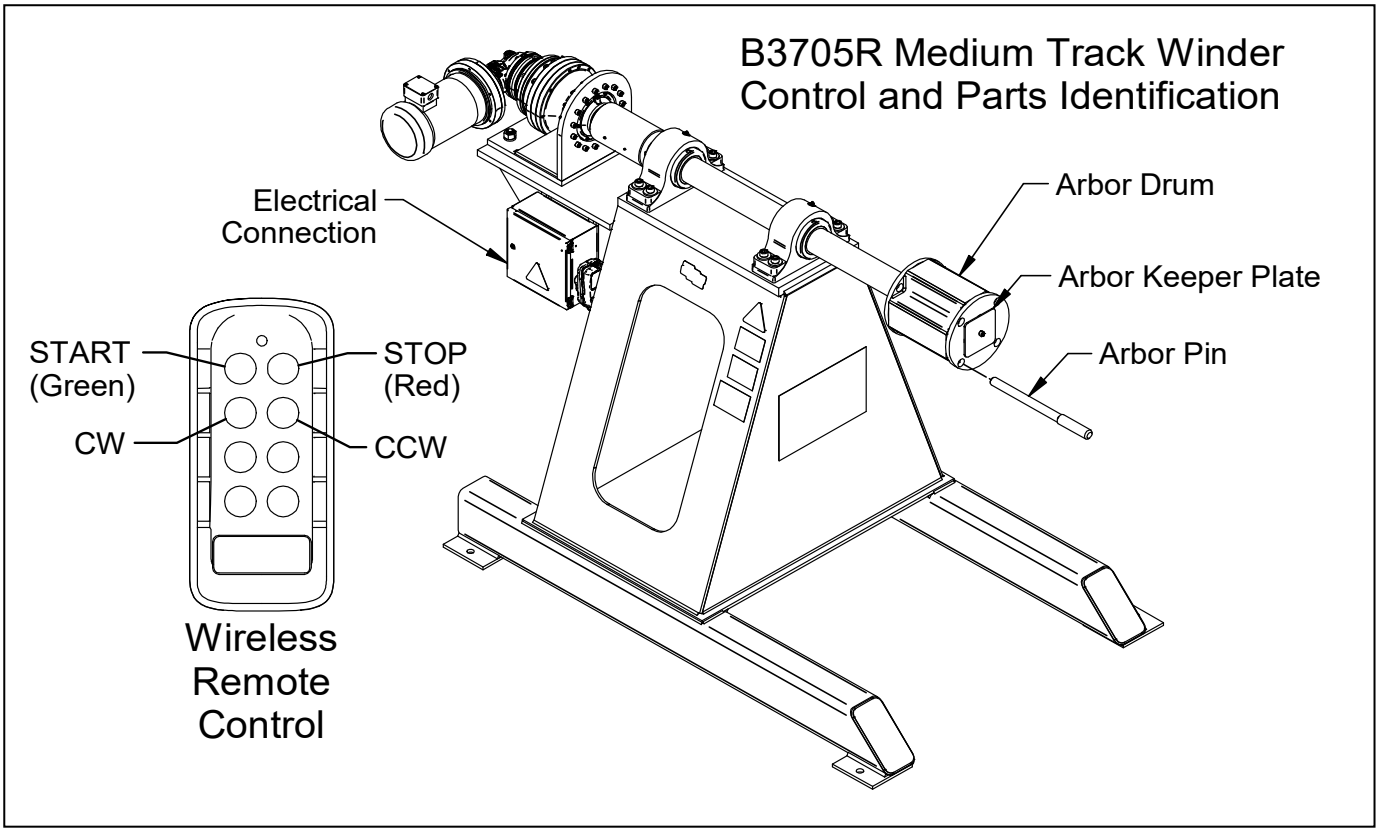
50 Hz (1500 rpm)	60 Hz (1800 rpm)
415 V / 3.4 A	460 V / 3.0 A
380 V / 3.4 A	230 V / 6.0 A
220 V / 6.8 A	208 V / 6.6 A

Other voltages available upon Request



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Control and Parts Identification



Arbor – rotates to wind the track chain. Four Holes provide easy access for the Arbor Pin.

Arbor Pin – connects the Arbor to a strap or chain to load the track chain.

Arbor Keeper Plate – holds the Arbor in place while winding, and is removed once winding is complete to unload the Arbor and coiled track chain.

Electrical Connection – location for electrical supply to the Track Winder - the connection can be made at the side or at the bottom of the electrical box.

Wireless Remote Control

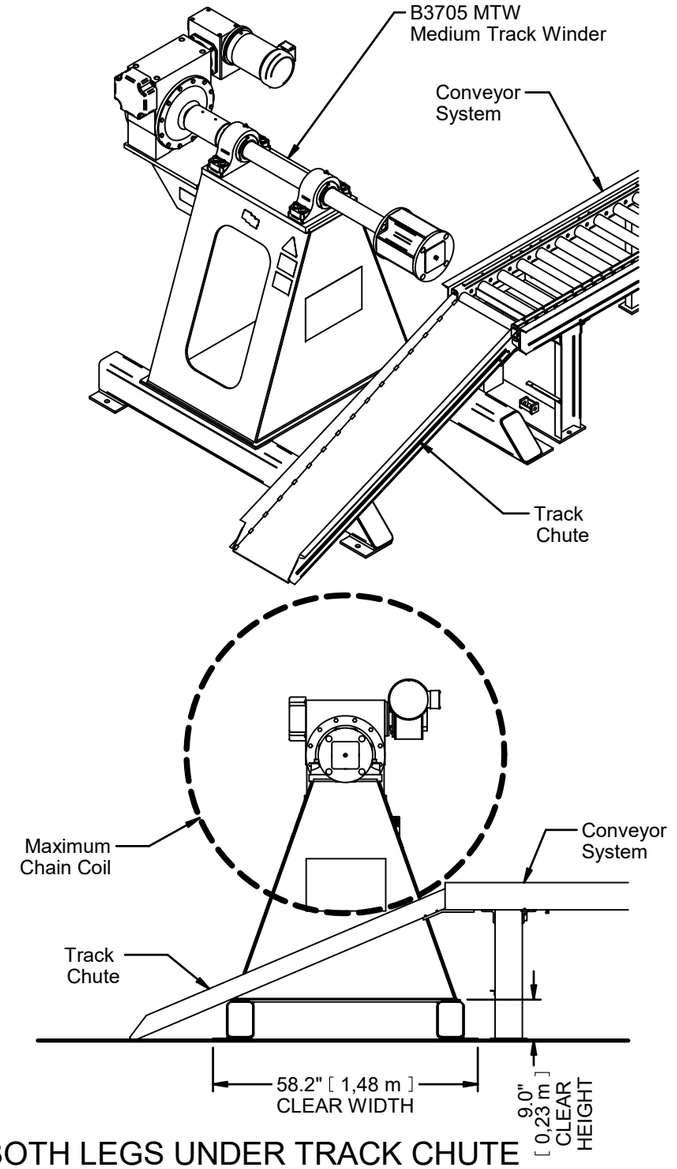
START (Green) – turns the Remote Control ON

STOP (red) – turns the Remote Control OFF

CW – rotates the Arbor clockwise (facing the front of the Arbor)

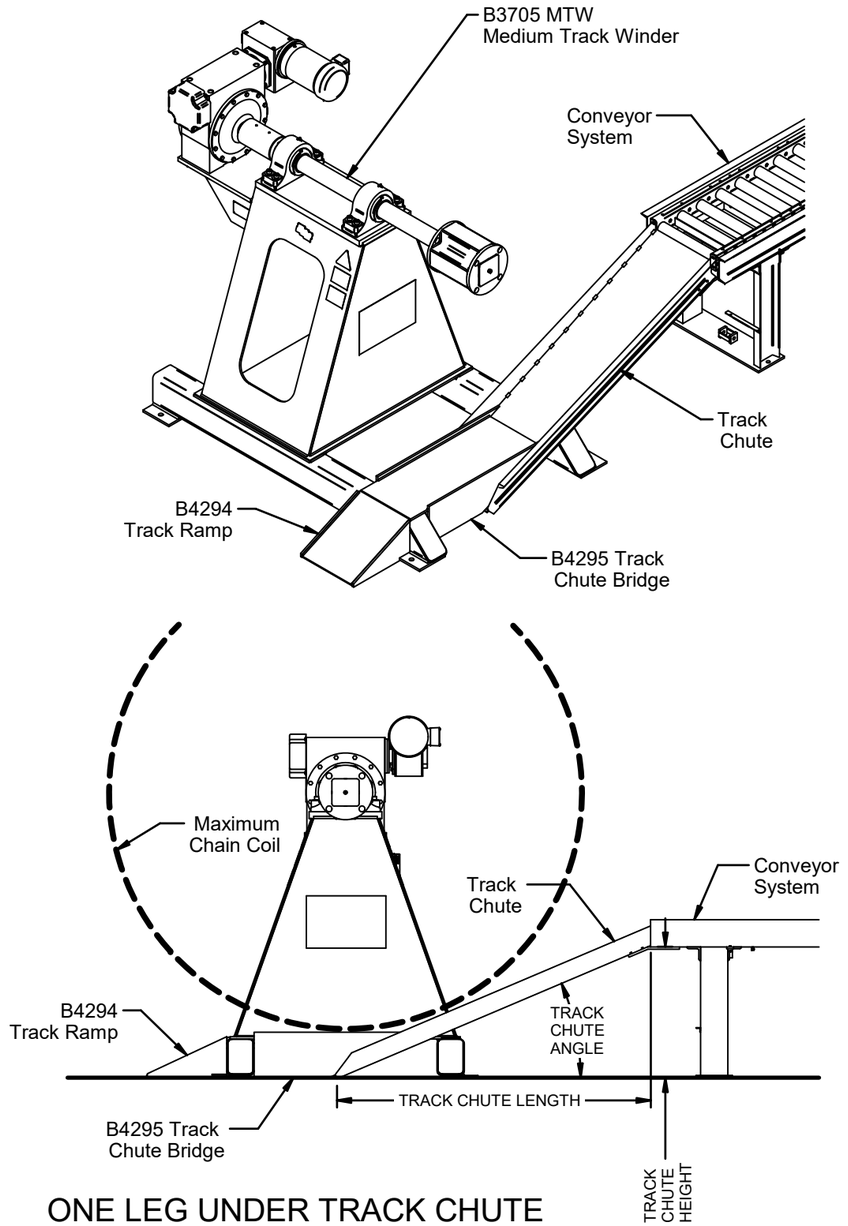
CCW – rotates the Arbor counter-clockwise

The chain coil would be about 70” (1,77 m) with both MTW legs under the track chute, and about 102” (2,59 m) with one leg under the track chute.



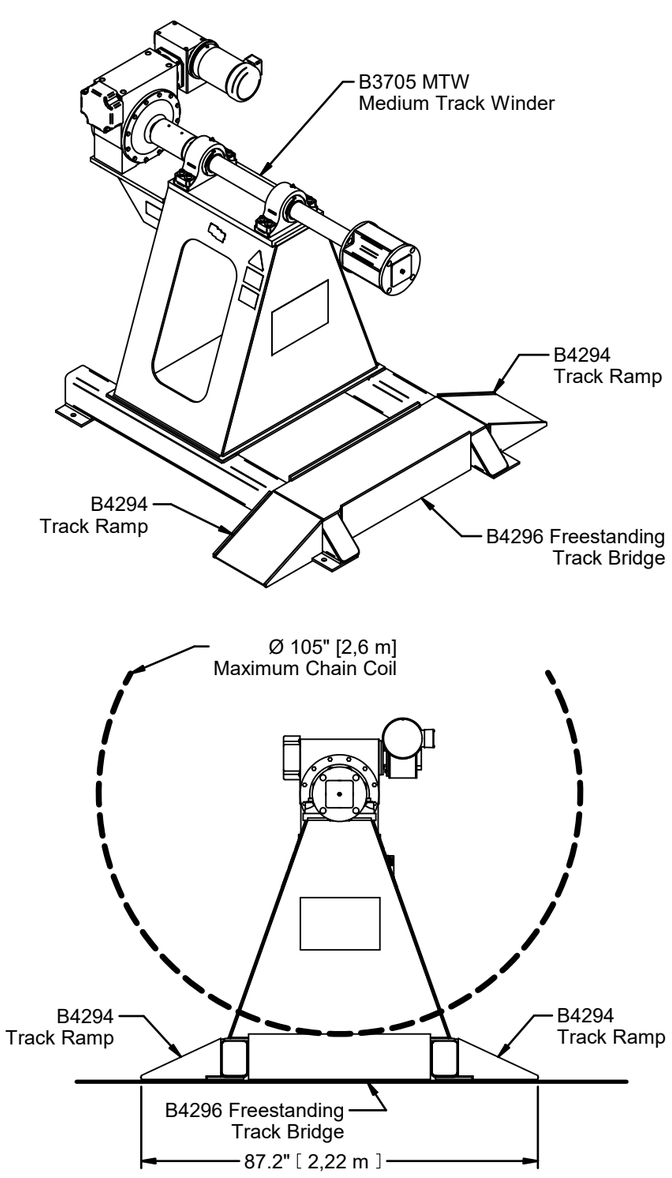
BOTH LEGS UNDER TRACK CHUTE

+ Smallest Footprint
+ No additional Parts
- Limits Maximum Chain Coil Diameter
- Needs Clearance Under Track Chute



ONE LEG UNDER TRACK CHUTE

+ Larger Maximum Chain Coil Diameter
- Requires More Floor Space
- Extra Parts Required



TRACK WINDER AWAY FROM TRACK CHUTE

+ Largest Maximum Chain Coil Diameter
+ Flexible Placement away from Conveyor System
- Requires More Floor Space
- Extra Parts Required

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TOLERANCES UNLESS OTHERWISE SPECIFIED

FABRICATED DIMENSIONS	+/- 1/16
FRACTIONAL DIMENSIONS	+/- 1/64
DECIMAL DIMENSIONS	+/- .010
INSIDE RADII	1/32
ANGULAR DIMENSIONS	+/- 1/2
SURFACE FINISH	125

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BREAK ALL SHARP EDGES
DO NOT SCALE DRAWING

NEXT ASSEMBLY: B3705 MTW Medium Track Winder

USED ON: B3705 MTW Medium Track Winder

TITLE: MTW Location Options

SHEET	DATE	SIZE	DRAWING NUMBER	REV
DRAWN: Solid Edge	DATE: 23.08.18	B	B3705-LO	A
	WGT: N/A			