

Section 1.1



General Information - Inspection, Delivery, Service and Warranty Forms

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Delivery and Inspection Information

Putting into Service

Pre-Delivery Inspection Report:

TimberPro asked that the dealer perform a Pre-Delivery Inspection on the equipment before delivery to the end user. The purpose of this inspection is to double check critical fluid levels, bolt torque and pressure settings to help assure a trouble free delivery of the machine to the customer. Attached you will find a pre-delivery inspection list that TimberPro asked the dealer to perform and return a copy of the report to TimberPro for confirmation of inspection.

Delivery Report:

The TimberPro dealer is required to review the Operators Training, Maintenance and Troubleshooting Manual with the machine operator before delivery of the equipment to the end user. The machine operator is required to understand the content of the Operators Training, Maintenance and Troubleshooting Manual. Once the operator has reviewed the manual and is comfortable with the contents, the operator will be asked to sign off on the Delivery Report. If the operator is not comfortable with the operation, technical aspects, and safety feature of the machine they should not operate the equipment. Signing the Dealer Delivery Report agrees that he/she has received training and is comfortable with the operation, safety features and technical aspects of the equipment.

100 – 250 Hour Service and Inspection:

The 100 -250 hour service and inspection report is designed to have the TimberPro dealer following up with customer after the operators has had time to break in the machine. During the 100 – 250 hour inspection the critical oil levels, bolt torque and pressure are rechecked. The operator can also ask any question about the operation, technical aspects, and safety feature of the machine. Attached you will find a 100-250 Hour Inspection list that we asked the dealer to perform and return a copy of the report to TimberPro for confirmation of inspection.

Pre-Delivery Report - 700C Series

TimberPro, Inc.



Model # _____ S/N#: _____ Attachment: _____
Dealership Name: _____ Location: _____
Technician Name: _____ Date: _____
Owner's / Company Name: _____
Machine Hours: _____

- 1. Check all hoses for loose fittings tighten as required:
- 2. Check Fluid levels: (see section 3)
 - Track Final Drives - (CAT TO-4 SAE 50)
 - Pump Drive Gear Box - 75W-90 Synthetic Gear Oil
 - Swing Motor Gear Box - 75W-90 Synthetic Gear Oil
 - Engine Oil Level - Per engine manufactures recommendation:
 - Hydraulic Oil Level - TimberPro approved oil: (see section 3.2).....
 - Coolant Level - Glycol antifreeze:
 - Fuel Level - Min 1/4 tank:.....
- 3. Check coolant protection level: Minimum -30°F, Maximum -45°F
- 4. Check battery voltage, electrolyte level, and condition:.....
- 5. Check & Tighten battery cables:
- 6. Check Engine Speed: (1800 Rpm Max).....
- 7. Check all hose clamps, heater hoses, top & bottom radiator hoses, Air to Air & Turbo hoses:.....
- 8. Inspect for any fluid leaks on the machine:
- 9. Tighten pump suction hose clamps:
- 10. Torque the following critical fasteners:
 - Operator's Cab Mount Bolts - (3) 1" Bolts - 600 ft.lbs. (800 Nm)
 - Swing Motor Mount Bolts - (10) 3/4" Bolts - 375 ft.lbs. (500 Nm).....
 - Swing Bearing Mounting Bolts - (22) 1" Bolts - 1000 ft.lbs. (1,330 Nm).....
 - Track Frame Mounting Bolts - (24) 1200 ft.lbs. (1,627 Nm)
 - Leveling Pin Tapers - (5) 600 ft.lbs. (800 Nm)
- 11. Inspect and Tighten the following critical fasteners:
 - Leveling System Slack Adjusters (2):.....
 - Boom Pins and Fastners:.....
 - Track Shoe Bolts:
 - Spot check all other misc. nuts & bolts:
- 12. Inspect Seat belt and Door Safety Switch Operation:
- 13. Check all lights, switches, radio, heater, A/C, heater, etc.:
- 14. Check operation of emergency escape hatch:
- 15. Check the following pressures: (See Ops & Maintenance Manual Section 6.2, 7.2 & 8.2)
 - Imp Pump Stand-by - 400 to 425 PSI (28 to 29.3 Bar)
 - Implement Pump POR settings: 3800 PSI (272 Bar)
 - Swing Pump POR Setting: 3600 PSI (248 Bar).....
 - Drive Circuit Charge: 425 PSI (29 Bar)
 - Drive Pump POR: 5500 PSI (379 Bar)
 - Drive Pump HP Reliefs: 6000 PSI (414 Bar)
- 16. Check radiator and oil cooler fan operation:.....
- 17. Check engine belt tension:
- 18. Check overall machine operation:
- 19. Grease Machine (Lubriplate #176, TimberPro PN# T18431):.....

This form along with the Delivery Report must be filled out and returned to TimberPro Inc. for the machine warranty to become valid.

Report any problems or concerns to TimberPro by submitting a Service Report and/or Warranty Claim.

Technician Signature:

Delivery Report - 700C Series

TimberPro, Inc.....

Form Date: ____ / ____ / ____

Model #: _____ S/N#: _____ Attachment: _____
Dealership: _____ Trainer: _____
Delivery Date: ____ / ____ / ____ SOLD LEASE / RENT

Owner: _____ Operator: _____
Address: _____ County: _____
City: _____ State: _____ Zip Code: _____

The DEALER is required to review the following information with CUSTOMER upon delivery of the machine. By signing this document the CUSTOMER agrees that he/she has received training on the information checked below. This document must be completed and signed, then returned to TimberPro before any warranty claims will be processed.

A. Hydraulic Tank

- Three separate return filters and the purpose of each.
- Reason pressure can build in these return filters and the warning light in the cab and importance of not going into return filter bypass.
- How and why the hydraulic tank is pressurized and where to relieve pressure before servicing.
- Importance of keeping air out of the hydraulic system and how to properly add hydraulic oil.
- How to properly use the Hydraulic Tank Vacuum system and how to properly vent the tank after use and before starting the engine.

B. Loader Implement Circuits

- Understand pump compensator and proper check and adjustment of stand-by and POR pressures.
- Understand how a load sense and pressure compensated hydraulic system works.
- How the main control, clam bunk and arch grapple valves control the implement pump with a load sense signal shuttle network.

C. Hydrostatic Track Drive Circuit

- Basic understanding of a closed-loop hydrostatic circuit, function of charge oil circuit, and how forward and reverse is accomplished.
- Importance of clean hydraulic oil and how unfiltered oil can damage the hydrostatic system.
- How and where to adjust charge pressure and why directional reliefs are 400 PSI (28 Bar) more than the POR pressure.
- Understand the motor shift feature and how the max displacement lock works.

D. Electrical System

- Location of the electrical disconnect and why it is very important the electrical system is disconnected when machine is left unattended.
- Understand that both battery cables must be disconnected before welding anywhere on the machine.

E. Maintenance

- Review hydraulic oil performance specifications.
- Location and interval of all lubrication points, oil level checks and proper grease and oil to be used.
- Importance of keeping critical fasteners properly torqued, especially swing motor & bearing, articulation bearing, and axle/track frame mounting bolts.
- Importance of **DAILY** cleaning of debris or any flammable material on/in machine to increase driveshaft life, hose life and prevent fire.

F. General Operation

- How to arm the IQAN control system and how to use the IQAN system MD4 to troubleshoot the machine.
- Location and explanation of all gauges and warning lights inside the operator's cab.
- Understand the correct use of Travel Speed Adjustment and Motor Shift.
- Proper cold weather starting and warm-up procedures including optional wet kit, charge oil heater and any auxiliary heating units.
- Understand that the IQAN system will automatically reduce machine functions if hydraulic oil too cold or too hot.

G. Safety

- Location and review of Operator's Manual.
- Location, Use and Maintenance of emergency cab escapes and star nut removal tool.
- Safety during machine operation, service, and maintenance.
- Importance of cleaning debris from engine and hydraulic compartment before the beginning of each work shift.
- DAILY** inspection of hoses for damage or wear.
- Follow directions of Ansul Owner's Manual for fire suppression/detection system **DAILY** and know the location of manual actuators and how to use them.
- DAILY** inspection of fire detection system and hand portables.
- Maintenance of the Ansul Fire Suppression System to be performed a minimum of every (6) six months by certified Ansul Distributor.

I Have read and understand the TimberPro Warranty Policy, Safety Information, Maintenance and Machine Operation sections of the manual.

Owner Signature: _____ Date: _____

Operator Signature: _____ Date: _____

100-200 Hour Service - 700C Series

TimberPro, Inc.



Model # _____	S/N#: _____	Attachment: _____
Dealership Name: _____		Location: _____
Technician: _____		Date: _____

Owner's / Company Name: _____
Operator's Name: _____
Work Site Location: _____ Machine Hours _____

	YES	NO
1. Change all Hydraulic and Lower Fuel Lift Pump Filters: (see section 3.1)	<input type="checkbox"/>	<input type="checkbox"/>
2. Check Fluid Levels:		
Hydraulic Oil Level - TimberPro approved oil: (see section 3.2).....	<input type="checkbox"/>	<input type="checkbox"/>
Engine Coolant Level - Glycol antifreeze:.....	<input type="checkbox"/>	<input type="checkbox"/>
Engine Oil - Per engine manufactures recommendation:	<input type="checkbox"/>	<input type="checkbox"/>
3. Change Fluids: (see section 3.1)		
Track Final Drives - (CAT TO-4 SAE 50)	<input type="checkbox"/>	<input type="checkbox"/>
Pump Drive Gear Box - 75W-90 Synthetic Gear Oil	<input type="checkbox"/>	<input type="checkbox"/>
Swing Motor Gear Box - 75W-90 Synthetic Gear Oil	<input type="checkbox"/>	<input type="checkbox"/>
4. Torque and Inspect the following critical fasteners:		
Operator's Cab Mount Bolts - (3) 1" Bolts - 600 ft.lbs. (800 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Swing Motor Mount Bolts - (10) 3/4" Bolts - 375 ft.lbs. (500 Nm).....	<input type="checkbox"/>	<input type="checkbox"/>
Swing Bearing Mounting Bolts - (22) 1" Bolts - 1000 ft.lbs. (1,330 Nm).....	<input type="checkbox"/>	<input type="checkbox"/>
Track Frame Mounting Bolts - (24) 1200 ft.lbs. (1,627 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Leveling Pin Tapers - (5) 600 ft.lbs. (800 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Leveling System Slack Adjusters (2).....	<input type="checkbox"/>	<input type="checkbox"/>
Boom Pins and Fastners:.....	<input type="checkbox"/>	<input type="checkbox"/>
Spot check all other misc. nuts & bolts:.....	<input type="checkbox"/>	<input type="checkbox"/>
5. Check the following pressures: (See Ops & Maintenance Manual Section 6.2, 7.2 & 8.2)		
Imp Pump Stand-by - 400 to 425 PSI (28 to 29.3 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Implement Pump POR settings: 3800 PSI (272 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Swing Pump POR settings: 3600 PSI (248 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Drive Circuit Charge: 425 PSI (29 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Drive Pump POR: 5500 PSI (379 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Drive Pump HP Reliefs: 6000 PSI (414 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
6. Check battery voltage, electrolyte level, and inspect & tighten battery cables:	<input type="checkbox"/>	<input type="checkbox"/>
7. Clean and inspect engine air filters:	<input type="checkbox"/>	<input type="checkbox"/>
8. Check Engine Speed: (1800 Rpm Max)	<input type="checkbox"/>	<input type="checkbox"/>
9. Inspect radiator, Air to Air, and Turbo hoses:.....	<input type="checkbox"/>	<input type="checkbox"/>
10. Check engine belt condition and tension:.....	<input type="checkbox"/>	<input type="checkbox"/>
11. Inspect for any fluid leaks on the machine and tighten hoses & clamps:	<input type="checkbox"/>	<input type="checkbox"/>
12. Check radiator and oil cooler fan operation:.....	<input type="checkbox"/>	<input type="checkbox"/>
13. Check hydraulic tank - vacuum system operation:	<input type="checkbox"/>	<input type="checkbox"/>
14. Check operation of emergency escape hatch:	<input type="checkbox"/>	<input type="checkbox"/>
15. Check all lights, switches, radio, heater, A/C, heater, etc.:	<input type="checkbox"/>	<input type="checkbox"/>
16. Inspect Seat belt and Door Safety Switch Operation:	<input type="checkbox"/>	<input type="checkbox"/>
17. Grease Machine (Lubriplate #176, TimberPro PN# T18431):	<input type="checkbox"/>	<input type="checkbox"/>
18. Check overall machine operation and report any concerns to TimberPro inc.....	<input type="checkbox"/>	<input type="checkbox"/>

Report any problems or concerns to TimberPro by submitting a Service Report and/or Warranty Claim. The 100-200 hour service must be completed and returned to TimberPro Inc for the machine warranty to remain valid.

Technician Signature: _____ Owner Signature: _____

1407 Industrial Dr. - Po Box 415, Shawano WI 54166 - ph (715)524-7899 fax (715)524-7898 www.timberpro.com

Service Report - 700C Series

TimberPro, Inc.



Model #: _____ S/N#: _____	Date(s) of Service: _____
Hours: _____ Attach./Carrier _____	Dealer/Branch: _____
In-Service Date: ____ / ____ / ____	Serviceman: _____
Equipment Location _____	Customer: _____

What was the customer's complaint?

What were your findings based on the information provided by the customer?

What was the cause of the problem? Did this incident make the equipment inoperable? YES NO

PN # Responsible	Description	Hours On Part	Type of Labor	Man-Hours <small>(Round to nearest quarter of an hour)</small>
			Troubleshooting	.
			Adjustments	.
			Component Removal	.
			Component Repairs	.
			Component Replacement	.
Total Labor Hours				.

What was done to correct the problem?

Travel Hours: _____	Mileage: _____	Labor Hours (From above): _____
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Technician Signature: _____ Owner Signature: _____

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TIMBERPRO, INC.

LIMITED WARRANTY FOR TIMBERPRO

700C SERIES MACHINES

1. Product Warranty. Subject to the terms and conditions of this limited warranty, Timberpro, Inc. (“Timberpro”) warrants to the original Purchaser only of 700C Series Machines that under normal use and conditions the machines will be free from defect in material and workmanship when used for their intended purpose for a period of one (1) year from delivery to the Purchaser or 2000 machine hours, whichever occurs first.

Timberpro’s sole obligation under this warranty is to repair or replace any parts which fail as a result of defects in materials or workmanship including necessary labor charges, by a repair shop approved by Timberpro. Payment of freight charges on replacement parts shall be the responsibility of the Purchaser.

2. Limitations and Exclusions. This limited warranty does not cover maintenance items, including but not limited to, lubricating grease, oils, fan belts and ignition parts, or any failures caused by neglect, overloading, abuse, accident, inadequate maintenance, or alterations not authorized by Timberpro. This limited warranty also does not cover minor service items, including but not limited to, leaking hoses or fittings, tightening nuts and bolts, loose electrical wires or connections, or other minor adjustments.

This limited warranty shall be void if repairs or alterations are made to a machine by persons not authorized to perform repair work by Timberpro if the repair or alterations materially affect the function and/or operation of the machine. Installation on any machine of any product or attachment not specifically approved by Timberpro shall void the warranty.

Engines on the machines are warranted by the manufacturer of the engines and not by Timberpro. Warranties provided by the manufacturer of the engines will be assigned to the original Purchaser and Timberpro will provide information as is necessary and available to facilitate submission of purchasers’ claims for engine warranty.

This limited warranty does not cover accessories and attachments supplied by third party vendors, even if installed by Timberpro at the factory.

THIS LIMITED WARRANTY AND THE REMEDIES DESCRIBED HEREIN ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDY, AND ARE OFFERED BY TIMBERPRO IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AND/OR REMEDIES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE UNDER THE UNIFORM COMMERCIAL CODE, OR OTHER WARRANTIES OR GUARANTEES ARISING BY OPERATION OF LAW, ALL OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED.

3. Limitation in Damages. **TIMERBERPRO SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE TO PURCHASER OR ANYONE CLAIMING UNDER THE PURCHASER, FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, WHETHER ARISING IN CONTRACT, WARRANTY, TORT, OR STRICT LIABILITY, INCLUDING BUT NOT LIMITED TO, CLAIMS FOR LOST PROFITS.**

4. Nontransferability. This limited warranty may not be transferred or assigned and only applies to the original Purchaser. There are no third party beneficiaries of this limited warranty, including subsequent purchasers of machines covered by this warranty.

5. Complete Agreement. The terms and conditions of this limited warranty represent the final agreement between Timberpro and the Purchaser concerning warranty and warranty claims. Any negotiations or understandings between Timberpro and Purchaser concerning warranty and warranty claims which are not contained in these terms and conditions are without effect. Timberpro shall not be bound by and Purchaser shall not rely on, representations made by agents of Timberpro with regard to the machines covered by this warranty, except as provided in this limited warranty.

6. Governing Law. Wisconsin law shall govern the rights and obligations of the parties arising out of products purchased from Timberpro.

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