

Section 1.1



General Information - Inspection, Delivery, Service and Warranty Forms

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Pre-Delivery Inspection List

TimberPro, Inc.

Form Date: ___ / ___ / ___

Model # _____ Attachment: _____

S/N#: _____ Attachment S/N#: _____

Dealer: _____ Hour Meter Reading: _____

- 1. Check all hoses for loose fittings tighten as required:
- 2. Check Fluid levels: (see section 3.1)
 - Axle Planetaries - 75W-90 Synthetic Gear Oil:
 - Axle Tandem Bogies - 75W-90 Synthetic Gear Oil:
 - Axle Differentials - 75W-90 Synthetic Gear Oil :
 - Transfer Box - 75W-90 Synthetic Gear Oil
 - 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:
- 7. Check Engine Speed: (2000 Rpm Max)
- 8. Check all hose clamps, heater hoses, top & bottom radiator hoses:
- 9. Inspect for any fluid leaks on the machine:
- 10. Tighten pump suction hose clamps:.....
- 11. Torque the following critical fasteners:
 - Operator's Cab Mount Bolts - (6) 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).....
 - Wheel Lug Nuts - (96) 20mm Nuts - 600 ft.lbs. (800 Nm).....
 - Driveshaft U-joint Flange Bolts - 12mm Bolts - 43 ft.lbs. (56 Nm).....
 - Articulation Joint Bearing Bolts - 1000 ft.lbs. (1330 Nm)
 - Articulation Joint Pins (see section 3.1).....
 - Axle Mounting Bolts (see section 3.1)
 - Tapered Hub Bolts and Pins (Leveling Machines) - 1/2" Bolts - 100 ft.lbs. (135 Nm)
 - Spot check all other misc. bolts:
- 12. Check seat operation, lubricate and adjust as required:
- 13. Check all gauges, lights, switches, radio, heater, A/C, heater, etc.:.....
- 14. Check operation of emergency escape hatches:.....
- 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:
 - Forwarder: 3000 PSI (207 Bar)
 - Harvester / Buncher: 4000 PSI (276 Bar)
 - Drive Circuit Charge: 425 PSI (29 Bar).....
 - Drive Pump POR: 6000 PSI (414 Bar).....
 - Drive Pump HP Reliefs : 6400 PSI (441 Bar)
 - Lower Solenoid Manifold Pressure: 3000 PSI (207 Bar)
- 16. Grease Machine (Lubriplate #176, TimberPro PN# T18431):
- 17. Check engine belt tension:
- 18. Check overall machine operation:.....

Report any deficiencies or comments to TimberPro with a TimberPro Service Report and/or Warranty Claim.

Delivery Report

TimberPro, Inc.

Form Date: ____ / ____ / ____

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

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

Having read the TimberPro Warranty Policy, Safety Sections, Maintenance Sections, and Machine Operation as described in the Operators Training & Maintenance Manual, I now have working knowledge of the following items listed below:

	YES	NO
A. Hydraulic Tank _____		
1. Two separate return filters and the purpose of each.	<input type="checkbox"/>	<input type="checkbox"/>
2. Reason pressure can build in these return filters and the warning light in the cab and importance of not going into return filter bypass.	<input type="checkbox"/>	<input type="checkbox"/>
3. How and why the hydraulic tank is pressurized and where to relieve pressure before servicing.	<input type="checkbox"/>	<input type="checkbox"/>
4. Importance of keeping air out of the hydraulic system and how to properly add hydraulic oil.	<input type="checkbox"/>	<input type="checkbox"/>
5. How to properly use the Hydraulic Tank Vacuum system and how to properly vent the tank after use and before starting the engine.	<input type="checkbox"/>	<input type="checkbox"/>
B. Loader Implement Circuits _____		
1. Understand pump compensator and proper check and adjustment of stand-by and POR pressures.	<input type="checkbox"/>	<input type="checkbox"/>
2. Understand how a load sense and pressure compensated hydraulic system works.	<input type="checkbox"/>	<input type="checkbox"/>
3. How the main control, clam bunk and arch grapple valves control the implement pump with a load sense signal shuttle network.	<input type="checkbox"/>	<input type="checkbox"/>
4. Function of the lower solenoid manifold.	<input type="checkbox"/>	<input type="checkbox"/>
C. Hydrostatic Wheel Drive Circuit _____		
1. Basic understanding of a closed-loop hydrostatic circuit, function of charge oil circuit, and how forward and reverse is accomplished.	<input type="checkbox"/>	<input type="checkbox"/>
2. Importance of clean hydraulic oil and how unfiltered oil can damage the hydrostatic system.	<input type="checkbox"/>	<input type="checkbox"/>
3. How and where to adjust charge pressure and why directional reliefs are 400 PSI (28 Bar) more than the POR pressure.	<input type="checkbox"/>	<input type="checkbox"/>
4. Understand the down hill shift feature and how the max displacement lock works.	<input type="checkbox"/>	<input type="checkbox"/>
5. Understand that the machine must be stopped before shifting the Transfer Case Gearbox.	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
F. Electrical System		
1. Location of the electrical disconnect and why it is very important the electrical system is disconnected when machine is left unattended.	<input type="checkbox"/>	<input type="checkbox"/>
2. Understand that both battery cables on electronic engines must be disconnected before welding anywhere on the machine.	<input type="checkbox"/>	<input type="checkbox"/>
G. Maintenance _____		
1. Review hydraulic oil performance specifications.	<input type="checkbox"/>	<input type="checkbox"/>
2. Location and interval of all lubrication points, oil level checks and proper grease and oil to be used.	<input type="checkbox"/>	<input type="checkbox"/>
3. Importance of keeping critical fasteners properly torqued, especially swing bearing, articulation bearing, and axle mounting bolts.	<input type="checkbox"/>	<input type="checkbox"/>
4. Importance of cleaning out debris on machine to increase driveshaft life, hose life and prevent fire.	<input type="checkbox"/>	<input type="checkbox"/>
H. General Operation _____		
1. How to arm the IQAN control system and how to use the IQAN system MDM to troubleshoot the machine.	<input type="checkbox"/>	<input type="checkbox"/>
2. Location and explanation of all gauges and warning lights inside the operator's cab.	<input type="checkbox"/>	<input type="checkbox"/>
2. Understand the correct use of Travel Speed Adjustment, Motor Shift, Differential Lock, Reverse Steer, and Swing Detent features.	<input type="checkbox"/>	<input type="checkbox"/>
3. Proper cold weather starting and warm-up procedures including optional wet kit, charge oil heater and any auxiliary heating units.	<input type="checkbox"/>	<input type="checkbox"/>
4. Understand that the IQAN system will automatically reduce machine functions if oil too cold or too hot.	<input type="checkbox"/>	<input type="checkbox"/>
5. Location and use of emergency cab escapes, fire extinguishers and (optional) fire suppression system.	<input type="checkbox"/>	<input type="checkbox"/>

Please sign and date below.

Owner: _____ Date: _____

Operator: _____ Date: _____

This Delivery Report must be completed and returned within 5 working days after delivery to TimberPro inc. for the machine warranty to become valid.

100 - 250 Hour Service & Inspection

TimberPro inc.

Date of Service: ___ / ___ / ___

Model # _____	Attachment: _____
S/N#: _____	Attachment S/N#: _____
Dealer Name: _____	Branch Location _____
Technician's Name _____	Machine Hours _____
Owner's Name _____	Operator's Name _____

Please check proper box if action has been completed	Yes	NO
1. Change all Hydraulic and Lower Fuel Lift Pump Filter: (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)		
Axle Planetaries - 75W-90 Synthetic Gear Oil:	<input type="checkbox"/>	<input type="checkbox"/>
Axle Differentials - 75W-90 Synthetic Gear Oil :	<input type="checkbox"/>	<input type="checkbox"/>
Axle Tandem Bogies:		
(drain and check for sediment - change only if needed) - 75W-90 Synthetic Gear Oil:	<input type="checkbox"/>	<input type="checkbox"/>
Transfer Box - 75W-90 Synthetic Gear Oil	<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 - 1" Bolts - 600 ft.lbs. (800 Nm).....	<input type="checkbox"/>	<input type="checkbox"/>
Swing Motor Mount Bolts - 3/4" Bolts - 375 ft.lbs. (500 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Swing Bearing Mounting Bolts - 1" Bolts - 1000 ft.lbs. (1,330 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Wheel Lug Nuts - 20mm Nuts - 600 ft.lbs. (800 Nm).....	<input type="checkbox"/>	<input type="checkbox"/>
Driveshaft U-joint Flange Bolts - 12mm Bolts - 43 ft.lbs. (56 Nm).....	<input type="checkbox"/>	<input type="checkbox"/>
Articulation Joint Bearing Bolts - 1000 ft.lbs. (1330 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Articulation Joint Pins (see section 3.1).....	<input type="checkbox"/>	<input type="checkbox"/>
Axle Mounting Bolts (see section 3.1)	<input type="checkbox"/>	<input type="checkbox"/>
Tapered Hub Bolts and Pins (Leveling Machines) - 1/2" Bolts - 100 ft.lbs. (135 Nm)	<input type="checkbox"/>	<input type="checkbox"/>
Spot check all other misc. 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:		
Forwarder: 3000 PSI (207 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Harvester / Buncher: 4000 PSI (276 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Drive Circuit Charge: 425 PSI (29 Bar).....	<input type="checkbox"/>	<input type="checkbox"/>
Drive Pump POR: 6000 PSI (414 Bar).....	<input type="checkbox"/>	<input type="checkbox"/>
Drive Pump HP Reliefs : 6400 PSI (441 Bar)	<input type="checkbox"/>	<input type="checkbox"/>
Lower Solenoid Manifold Pressure: 3000 PSI (207 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. Check Engine Speed: (2000 Rpm Max)	<input type="checkbox"/>	<input type="checkbox"/>
8. Inspect for any fluid leaks on the machine and tighten hoses & clamps:	<input type="checkbox"/>	<input type="checkbox"/>
9. Check all Gauges, Warning Lights, Switches, Heater & A/C System:.....	<input type="checkbox"/>	<input type="checkbox"/>
10. Check operation of emergency escape hatches:.....	<input type="checkbox"/>	<input type="checkbox"/>
11. Grease Machine (Lubriplate #176, TimberPro PN# T18431):.....	<input type="checkbox"/>	<input type="checkbox"/>
12. Check overall machine operation and report any concerns to TimberPro inc.	<input type="checkbox"/>	<input type="checkbox"/>

The 100 - 250 Hour Service & Inspection form must be filled out and returned to TimberPro inc. for the machine warranty to remain valid.

Service Report

TimberPro, Inc.

Form Date: ___ / ___ / ___

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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TIMBERPRO, INC.

LIMITED WARRANTY FOR TIMBERPRO

T800 & T600 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 T800 & T600 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. TIMBERPRO 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.

