BC Timber Harvest Cost Rate Guide

Quarterly Rate Guide

August 2026

Prepared for the Truck Loggers Association, Interior Logging Association, and North West Loggers Association

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Message from the Truck Loggers Association, the Interior Logging Association and the North West Loggers Association

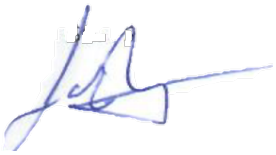
Welcome to the 2026 Timber Harvest Cost Rate Guide. The Truck Loggers Association, the Interior Logging Association and the Northwest Loggers Association are working with MNP LLP, a Canadian accounting and consulting firm to develop an operating cost model for BC logging contractors. This initiative aims to provide contractors with reliable data to support contract negotiations and align with government requirements.

In May 2025, the beta version of the model was launched and shared with the BC contractor community. Since then, we have been gathering feedback from users to identify enhancements that will help contractors determine appropriate equipment rates.

In response to that feedback, we have made a number of changes to the model, including changes to how the rates are presented. We have also produced this Rate Guide which provides a consolidated list of the rates that have been developed to date. Included in the Rate Guide are the key assumptions and data sources that have been used to enable you to determine appropriate rates for your operations.

It is important to note that the Rate Guide will continue to evolve as we gather additional data and feedback. Our ability to produce a comprehensive guide that meets your needs is dependent on your willingness to share your information with MNP. Please use feedback@bctimberharvest.ca to share your thoughts on the model and arrange to provide information.

Thank you for your time, expertise, and commitment to advancing our industry. Together, we can build a comprehensive and effective Rate Guide that works for everyone.



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1. Overview of the Rate Guide

1.1 Background

The BC Timber Harvest Rate Model (Rate Model) is a tool made for contractors that calculates hourly rates for equipment used in BC's forest industry. The Rate Model was developed jointly by the Truck Loggers Association, the Interior Loggers Association and the Northwest Loggers Association. The Rate Model is available at bctimberharvest.ca.

The rates produced by the Rate Model are All Found Rates which include capital costs, operating costs, operator costs, overheads and profit and risk. They reflect the hourly revenues needed to support viability for a reasonably efficient operation and are intended to provide contractors with guidance in setting their equipment rates.

This Rate Guide provides rates based on data available through July 31, 2026 and are valid through September 30, 2026.

1.2 Limitations

The rates generated by the Rate Model are based on data obtained from equipment vendors/manufacturers and contractors, supplemented with information from publicly available sources. All data used has been validated through review with contractors and industry participants. However, users are advised of the following:

- The rates presented here have been developed based on a set of assumptions related to utilization and operational characteristics. These assumptions may not fully reflect the operational characteristics for an individual contractor. As a result, users should review them in the context of their individual circumstances and adjust them accordingly. The tool available at bctimberharvest.ca allows users to adjust individual cost components and assumptions to generate rates specific to their operations.
- This Rate Guide is being produced quarterly and the rates presented in it reflect costs as of the date of publication. Substantial changes to underlying costs will affect the validity of the rates. Fuel costs in the rate model at bctimberharvest.ca are updated at the beginning of each month. Additional equipment is being added to the rate model as information becomes available. As such, users are encouraged to check bctimberharvest.ca for updates.

1.3 How to Use the Rate Guide

All Found Rates are organized by equipment type (e.g., Feller Bunchers, Skidders, Forwarders, etc.). Rates for each type of equipment are provided by Class of equipment and Region Group. Class of equipment is based on operating characteristics and for each Class a set of reference models are specified.

Reference models are configured with attachments/accessories as specified in the Reference Model description (e.g., Tigercat 635H w/ Chains & Tracks, Tigercat L857 w/5702 - 340 High Rotation w/ Long U/C, etc.). If attachments are not specified, they have not been included in the rate.

Areas and Region Groups

The Area boundaries that rates apply to are defined based on BC's natural resource regions as follows:

- **Coastal & Northwest Interior** - South Coast, West Coast, Skeena
- **Southern & Northern Interior** Cariboo, Kootenay-Boundary, Thompson-Okanagan, Northeast, Omineca

The Area Map is available to view at bctimberharvest.ca.

Fuel Costs

The rates presented in this Rate Guide are based on the fuel costs outlined in the table below for each Region Group.

Fuel Costs per Litre, August 2026

Region Group	Reference Location	Clear Fuel	Coloured (Marked Fuel)
Coastal & Northwest Interior	Vancouver, Nanaimo, Terrace	2.27	2.14
Southern & Northern Interior	Kamloops, Prince George	2.19	2.07

Fuel costs are estimated using rack rates published by Petro Canada for the reference location. Fuel costs in this Rate Guide are a "point-in-time" estimate which may not reflect external factors that would affect the price of fuel (e.g., tariffs, global events, etc.). The bctimberharvest.ca Rate Model's fuel costs are updated at the beginning of every month to capture changing fuel costs.

Clear fuel includes motor fuel tax of $0.15 per litre and 5 percent GST while coloured (marked) fuel rates include motor fuel tax of $0.03 per litre and 5 percent GST.

Assumptions

The following global assumptions have been used to estimate the rates presented here. Appendix A provides a description of the cost categories included in the model.

Assumptions Used to Calculate Rates

Assumption Component	Description
Equipment capital cost recovery period	10,000-hours
Interest rate used to calculate financing costs for equipment	7.25%
Year 1 depreciation rate for residual value	25%
Year 2-5 depreciation rate for residual value	20%
Profit	10%
Risk	5%
Overhead	5.72% of the hourly rate

The cost of camps is not included in the hourly rate.

2. Suggested All Found Rates

2.1 Feller Bunchers

Flat Bottom – Tail Swing

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<70,000	John Deere 903M, Tigercat 855E	322.29	310.68
2	70,000 to 85,999	John Deere 953M, Tigercat 855E w/ 5702-23 340 High Rotation, Tigercat X870D w/ 5702-26 w std UC, Tigercat X870D	336.28	324.06

Levelling – Tail Swing

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	65,000 to 75,000	Data not available as at August 2026		
2	75,000 to 90,000	John Deere 959M, Tigercat L855E w/5702 - 340 High Rotation w/ Long U/C, Tigercat L857 w/5702 - 340 High Rotation w/ Long U/C, Tigercat LX870D w/ 5702-26 and Long UC, Tigercat L855E/LX870D	346.46	334.45
3	90,000 to 100,000	Tigercat LX877 w/ 5702-26 and Long UC	356.94	344.94

Levelling – Zero Tail Swing

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	50,000 to 60,000	Data not available as at August 2026		
2	60,000 to 79,000	Komatsu XT445L-5/XT465L-5, Tigercat LX830E, TimberPro TL735D	348.17	336.17
3	>79,000	John Deere 859M, Tigercat LX830E w/ ST5702-23 340 high rotation w/ long UC, Tigercat LX830E w/ ST5702-26 340 high rotation w/ Long UC	351.14	339.13

2.2 Skidders

Grapple & Line

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<21,000	Data not available as at August 2026		
2	21,000 to 27,999	Data not available as at August 2026		
3	28,000 to 31,999	Data not available as at August 2026		
4	32,000 to 37,999	Data not available as at August 2026		
5	38,000 to 41,999	Data not available as at August 2026		
6	42,000 to 48,000	John Deere 648L-II/748L-II, Tigercat 620H, Tigercat 630H	267.16	267.27
7	>48,000	John Deere 848L-II/948L-II/768L-II (Bogie Skidder), Tigercat 625H, Tigercat 632H, Tigercat 635H/C640H Clambunk, Tigercat 635H w/ Chains & Tracks, Tigercat 635H SB w/chains & Tracks	295.78	295.71

2.3 Forwarders

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<40,000	Data not available as at August 2026		
2	>40,000	John Deere 1510G/1910G, Tigercat 1085C Forwarder	292.60	282.38

2.4 Processors

Harvester Carrier – Wheeled

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	65,000 to 75,000	Data not available as at August 2026		
2	75,000 to 90,000	Data not available as at August 2026		

Harvester Carrier – Tracked

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<55,000	Data not available as at August 2026		
2	55,000 to 75,000	Tigercat 850 w/ TH568, Tigercat 850 w/ QS500, Tigercat 850 w/ 622C III, Tigercat 850 w/ 622B III	315.79	310.43
3	>75,000	Tigercat 880E w/HTH624C, Tigercat 880E w/QS600, Tigercat 890 Processor w/625C, Tigercat 890 Processor w/626C, Tigercat 850 w/ 623C (3 roller)	343.81	338.40

Excavator Carrier

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<80,000	Data not available as at August 2026		
2	80,000 to 100,000	Data not available as at August 2026		
3	>100,000	Data not available as at August 2026		

2.5 Log Loaders

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	<40,000	Data not available as at August 2026		
2	40,000 to 75,000	Barko 595B-CRL/595ML-CRL, Caterpillar FM538 LL, Hyundai HX220LL, John Deere 2154G/2156G, Tigercat 865, Volvo EC260FC	238.75	235.13
3	75,000 to 100,000	Madill 3000B, Tigercat 875E w/ TCAT 8SQ clam & outrigger - 880 Lower, 880E w/ TCAT 10SQ, LS857 w/ Tmar 60"HD Grapple w/ Long UC, LSX870D w/ Tcat 13 sq ft Box Tong Grapple and Heel	305.60	301.10
4	>100,000	Caterpillar FM568 LL, John Deere 3756G, Madill 4000B, Tigercat 890 Heeler w/ 66" ED Tmar, 890 BNT 8.0SQ (XG650) WELDCO	316.69	311.91

2.6 Wheel Loaders

Class	Weight (lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	< 20,000	Data not available as at August 2026		
2	20,000 to 40,000	Data not available as at August 2026		
3	40,000 to 60,000	Data not available as at August 2026		
4	60,000 to 80,000	Caterpillar 980/980XE/982, Hyundai HL980A/HL980A XT/HL975XT/HL985A, John Deere 844 P-Tier/904 P-Tier, Komatsu WA500-8/WA500-8 WH, Volvo L220H/L200H High Lift	291.69	296.63
5	> 80,000	Caterpillar 986/988/988XE/988GC/990/992/993/995, John Deere 944 X-Tier, Komatsu WA500-8 yard loader, Volvo L350/L260H LL	351.57	354.70

2.7 Yarders

Yarder All Found Rates are based on a two-person crew plus a Back Spar.

Rebuilt Yarders

Class	Size	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	Small	Madill 120, Madill 121	529.46	509.63
2	Medium	Cypress 6280, Madill 122, Madill 123, Madill 124	551.44	531.60
3	Large	Cypress 7280, Madill 144	547.98	527.71

New Yarders

Class	Size	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	Small	T-Mar LC550, Tigercat 180 with Guylines and for Mechanical Grapple	668.10	649.12
2	Medium	T-Mar LC650	744.04	725.66
3	Large	T-Mar LC680	809.98	791.59

2.8 Log Trucks – Tractor Only

Class	Axles	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	Tandem (2 axles)	Kenworth T880, Kenworth W990	261.36	259.43
2	Tridem (3 axles)	Western Star 49X	263.46	261.53

2.9 Fat Trucks – Tractor Only

Class	Differential (in thousands of lbs)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	91	Hayes HDX, Kenworth 850, Pacific P16	303.10	300.71
2	121	Hayes HDX, Kenworth 850, Pacific P16	311.89	309.50

2.10 Trailers for Log Trucks and Fat Trucks

Class	Axle Count	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	1	Data not available as at August 2026		
2	2	Data not available as at August 2026		
3	3	FreFlyt Hayrack, Profab Tridem Standard Log Trailer	18.46	18.46
4	4	FreFlyt B-Train (4-Axle)	15.84	15.84
5	5	FreFlyt B-Train (5-Axle), Peerless 9A Super B-Train	23.43	23.43
0	N/A	Fat Log Trailer for Pacific P16/Hayes HDX/Kenworth 850	8.06	8.06

2.12 Lowbeds

Class	Payload Capacity (in tons)	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	20	Data not available as at August 2026		
2	30	Data not available as at August 2026		
3	40	Data not available as at August 2026		
4	50	Data not available as at August 2026		
5	50+	Trail King TK102HDG/TK110HDG/TK120HDG	20.37	20.37
6	120	Data not available as at August 2026		
7	150	Data not available as at August 2026		

2.13 Crew Vehicles – Pickup Trucks

Class	Payload Capacity	Reference Models	Region Groups	
			Coastal & Northwest Interior	Southern Interior & Northern Interior
1	1/2 Ton	Chevrolet Silverado 1500, Ford F-150, GMC Sierra 1500, RAM 1500, Toyota Tundra	110.21	111.32
2	3/4 Ton	Chevrolet Silverado 2500, Ford F-250, GMC Sierra 2500, RAM 2500	111.85	112.95
3	1 Ton	Chevrolet Silverado 3500, Ford F-350, GMC Sierra 3500, RAM 3500	113.60	114.72

Appendix

Equipment Costs

Equipment costs include the purchase price of the equipment, configuration costs and add-ons. These costs are recouped over 10,000 hours of operation. Equipment costs are calculated as follows:

> **Equipment costs per hour** = [(purchase price + additional configuration costs + add-ons) + cost of financing – residual value of equipment at present value] / 10,000-hours

Purchase prices used in the calculation are based on information provided by manufacturers, invoices for purchase shared by contractors and published MSRP.

The configuration costs and add-ons are $10,000 and are intended to account for additional gear like radios, spill kits, fire extinguishers, etc. that are needed to outfit the equipment prior to use.

We encourage you to check bctimberharvest.ca to compare the equipment costs underlying the rate presented here with your equipment costs and make appropriate adjustments.

Operating Costs

Operating costs include fuel and maintenance costs, as well as insurance for equipment used on-highway. It is calculated as follows:

> **Fuel costs per hour** = (Fuel consumption per hour i litres) X (fuel price)
>
> **Maintenance costs per hour** = (Cost of recommended maintenance over useful life) /10,000 machine hours

Operating costs were calculated using information provided by equipment suppliers, financial statements and records provided by contractors and published maintenance schedules.

Maintenance costs are based on manufacturers recommended services schedules over the first 10,000-hours of operation. Included are undercarriage, hoses, windows, oil and lube, levelling pins and bushings, tires, tracks and chains as applicable for each type of equipment. No major overhauls or repairs related to damage to the equipment are included.

The following tables outlines the maintenance items that maintenance costs are based on for each category of equipment.

Maintenance Items Included in Maintenance Costs per Hour Sourced from Vendors and Contractor Input

Maintenance Item	Feller Buncher	Skidder	Forwarder	Processor	Log Loader (Hoe Chucker)
Basic Maintenance (Oil/Lube/Diesel Exhaust Fluid/Hydraulic Oil/Hydraulic Filters)	x	x	x	x	x
Undercarriage	x			x	x
Hoses	x			x	x
Window	x			x	x
Leveling Pins& Bushings	levelling models				leveling models
Tires		x			
Chains		x			
Tracks		x			

Maintenance Costs per Hour

	Wheel Loader	Yarder	Tractor	Pickup Truck	Trailer	Lowbed
Methodology	$22.11/hr - Flat hourly rate assumed from desktop research	$104.00/hr - Flat hourly rate provided by forestry stakeholder	Calculated hourly rate based on estimated annual maintenance and consultation with forestry hauling contractors	Calculated hourly rate based on estimated annual maintenance	$0.00/hr - Assumed zero (0) for maintenance	$0.00/hr - Assumed zero (0) for maintenance
Formula	N/A	N/A	[(2 Major maintenance services per year @ $24k each) + (28 Tractor Tires per year @ $450 each)] / 2,000 operating hours	[Est. Average Annual Maintenance Cost x (1+25% uncertainty)] / 2,000 operating hours	N/A	N/A
Rationale and Notes	Data not available from vendors or contractors	Flat hourly rate provided by three contractors to MNP SME	Calculation provided by MNP SME with data provided by three hauling contractors	Est. Annual Average Maintenance Cost figures from desktop research	Data not available from vendors or contractors.	Data not available from vendors or contractors.

Overhead Costs

Overhead costs include costs not directly related to the purchase or operation of equipment such as rent, utilities, telephone and communications, property taxes, office costs, management wages and salaries, advertising, dues and memberships, safety training, etc. The overhead rate used has been derived from financial statements for a sample of over 20 contractors operating in different areas in BC.

Labour Costs

Labour costs include wage costs, benefits, and payroll taxes.. Wage rates have been sourced from collective agreements, information reported in a survey of contractors and hourly wages published by Statistics Canada.

Total compensation is calculated based on 2,280 hours per full-time employee. This includes 200 hours of overtime, 304 hours of Time-Off Entitlements and 200 non-production hours (e.g., safety briefings, minor idle time, etc.). Total compensation is then converted to an hourly rate based on 1,776 hours.

Hourly labour rates = [(Wage per hour X 2,080 hours) + (Wage Rate X 1.5 X 200 overtime hours) Payroll Taxes + Benefits] / 1,776

Payroll Taxes

The table below outlines the payroll taxes included in the model rate.

Payroll Tax	Rate
CPP	5.95% up to maximum of $4,230.45 in 2026
CPP2	4% up to maximum of $416 in 2026
EI	2.3% up to maximum of $1,572.30 in 2026
Worksafe BC	6%
BC Health Tax	1.95%

Benefits

The table below outlines the benefits included in the labour cost calculation.

Benefit	Coastal	Northern Interior	Northwest Interior	Southern Interior
Pension	$3.68 per hour	15% on top of hourly wage rate	$3.68 per hour	15% on top of hourly wage rate
Long-term Disability	$0.38 per hour		$0.38 per hour	
Extended Health and Dental	$0.25 per hour		$0.25 per hour	
Other	$0.99 per hour		$0.99 per hour	
Vacation	4 weeks	4 weeks	4 weeks	4 weeks
Statutory Holidays	13 days	13 days	13 days	13 days
Sick/Bereavement Leave	5 days	5 days	5 days	5 days