



**2024 Classified Equipment Rates Standard and Special Rated Units**

A link for the Photos for the Classified Equipment by class are found at [Wisconsin Department of Transportation Highway maintenance manual \(HMM\) - Chapter 2 \(wisconsindot.gov\)](https://www.wisconsin.gov/transportation/highway-maintenance-manual/hmm-chapter-2).

<b>AIR COMPRESSORS</b>			
Rates are for the compressor and pneumatic tools used with the compressor, except breakers, jackhammers (class 929), and wagon drills. Rates do not include equipment used to transport the compressor.			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">402</a>	125 through 209 CFM	10 years	20.28/hr.
<a href="#">403</a>	210 CFM and over	10 years	27.78/hr.
<b>BITUMINOUS EQUIPMENT</b>			
Note: Paver rates include the cost of automatic controls.			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">701</a>	Bitumen kettle, 1-2 bbls, inclusive, includes fuel	8 years	18.48/hr.
<a href="#">702</a>	Bitumen kettle, 3-5 bbls, inclusive, includes fuel	8 years	27.38/hr.
<a href="#">707</a>	Tank car heater (except wood or coal fired)	12 years	26.84/hr.
<a href="#">708</a>	Trailer style distributor, including tank and equipment, but not the truck	12 years	52.66/hr.
<a href="#">709</a>	Patch material heater and mixer (surge bin), trailer or truck mounted <a href="#">(Alternate Photo)</a>	12 years	18.80/hr.
<a href="#">710</a>	Heating kettle, less than 300 gallons	8 years	55.84/hr.
<a href="#">711</a>	Heating kettle, 300 gallons or more	8 years	60.20/hr.
<a href="#">712</a>	Self-propelled paver and finishing machine	8 years	1.94/ton
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">713</a>	Portable storage tank for oil/emulsion with heating unit; charge only for hours of heating or pumping	12 years	32.28/hr.
<a href="#">714</a>	Portable supply or storage tank for oil/emulsion	12 years	693.02/day
<a href="#">716</a>	Distributor, including truck, rear drive, 23,000 lbs. through 49,999 lbs.	7 years	95.58/hr.
<a href="#">717</a>	Distributor, including truck, tandem rear drive, 23,000 lbs. through 49,999 lbs.	9 years	296.54/hr.

<a href="#">718</a>	Distributor, including truck, tandem rear drive, 50,000 lbs. and over	9 years	136.28/hr.
<a href="#">719</a>	Pavement profiler, 2' and under, not self-propelled	10 years	61.62/hr.
<a href="#">720</a>	Pavement profiler, self-propelled or not self-propelled over 2' <a href="#">(Alternate Photo)</a>	8 years	90.40/hr.
<b>GENERATORS, PORTABLE ELECTRIC</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">805</a>	3,001 watt output through 10,000 watt output	12 years	28.64/hr.
<a href="#">806</a>	10,001 watt output and over	12 years	71.10/hr.
<b>GRADERS, MOTOR</b>			
Note: The cost of automatic controls (i.e. lasers) is <u>not</u> included in the grader rates. A separate add-on rate for lasers is identified as class 315.			
Classifications are in accordance with rated net flywheel horsepower (hp), exclusive of attachments. Horsepower shall be in accordance with Society of Automotive Engineers (S.A.E.) standard 1349.			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">302</a>	Rear drive grader, less than 85 hp	10 years	41.72/hr.
<a href="#">305</a>	Rear drive grader, 85 hp through 149 hp	10 years	78.30/hr.
<a href="#">307</a>	Rear drive grader, 150 hp and greater	10 years	77.20/hr.
<a href="#">308</a>	All wheel drive grader, any hp	10 years	93.34/hr.
<a href="#">315</a>	Non-integrated, Slope control, used in grader	10 years	21.98//hr.
<b>GRADERS, TOW TYPE ATTACHMENT</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">323</a>	Any number of blades <a href="#">(Alternate Photo)</a>	10 years	13.30/hr.
<b>MAINTAINER ATTACHMENTS</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">392</a>	Hydraulically operated return blade	10 years	8.00/hr.
<b>MOWERS AND MOWER ATTACHMENTS</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">410</a>	Motorized lawnmower, less than 60" cut	5 years	18.90/hr.
<a href="#">411</a>	Motorized lawnmower, 60" cut or more	5 years	29.98/hr.
<a href="#">412</a>	Disc bine attachment	10 years	40.18/hr.
<a href="#">413</a>	Single pan section, rotary or flail attachment	10 years	19.36/hr.

<a href="#">414</a>	Sickle bar attachment	10 years	24.32/hr.
<a href="#">415</a>	2 pan section (single unit), rotary or flail attachment	10 years	29.42/hr.
<a href="#">416</a>	3 pan section (single unit), rotary or flail attachment	10 years	29.98/hr.
<b>COMPACTORS</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">531</a>	Tow-type, including sheepsfoot, vibrating and non-vibrating <a href="#">(Alternate Photo)</a> <a href="#">(Alternate Photo)</a>	10 years	19.16/hr.
<a href="#">532</a>	Self-propelled, non-vibratory	10 years	55.74/hr.
<a href="#">533</a>	Self-propelled, vibratory, 1 through 2 tons	8 years	40.78/hr.
<a href="#">534</a>	Self-propelled, vibratory, over 2 tons	8 years	47.04/hr.
<b>SCRAPERS AND SCRAPER ATTACHMENTS</b>			
Scrapers are rated as a unit with the tractor used exclusively for scraper operation. Capacity is based on the manufacturer's truck capacity without sideboards.			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">546</a>	Scraper, single engine	10 years	179.60/hr.
<a href="#">547</a>	Scraper, twin-engine	10 years	130.52/hr.
<b>SHOULDERING MACHINES</b>			
<a href="#">450</a>	Shoulder reclaimer <a href="#">(Alternate Photo)</a>	10 years	21.24/hr.
<a href="#">451</a>	Shoulder machine attachment	10 years	102.76/hr.
<a href="#">455</a>	Self-propelled, (road widener)	10 years	166.74/hr.
<b>EXCAVATORS</b>			
Complete units classified by capacity, including the truck or tractor. Capacity is based on manufacturer's rating.			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">552</a>	Truck mounted, including hydraulic cable operated combination backhoe units	10 years	60.14/hr.
<a href="#">555</a>	Track-type backhoe, through 99 hp	10 years	56.76/hr.
<a href="#">557</a>	Self contained excavator, rubber tire	10 years	67.86/hr.
<a href="#">558</a>	Shovel, track-type (100 through 149 hp)	10 years	58.76/hr.
<a href="#">559</a>	Shovel, track-type (150 hp and over)	10 years	75.44/hr.

<b>SNOW PLOWS, MOTOR GRADER AND TRACTOR ATTACHMENTS</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">612</a>	Widening wing	10 years	37.82/hr.
<b>SNOW PLOWS, ATTACHMENTS</b>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">632</a>	V-shape	10 years	38.64/hr.
<a href="#">633</a>	Power reversible, truck mounted <a href="#">(Alternate Photo)</a>	10 years	15.78/hr.
<a href="#">634</a>	One-way (including motor grader or tractor attachments)	10 years	13.02/hr.
<a href="#">635</a>	Widening wing	10 years	14.82/hr.
<a href="#">636</a>	Underbody, fixed moldboard	10 years	17.66/hr.
<a href="#">637</a>	Underbody, power reversible moldboard	10 years	22.80/hr.
<b>SPREADER ATTACHMENTS</b>			
<p>These attachments are for applying sand, chips, or rock salt deicers. Units purchased after January 1, 1986 shall be capable of calibration within 10% of the recommended sodium chloride application rate (100 to 300 lbs./lane mile) at speeds of 15 to 35 miles per hour. The term "computer controlled" means that the controller receives a vehicle speed signal and a spreader feed signal (i.e., closed loop is terminology also used within the industry) and can be calibrated in pounds and liquid per mile. These controllers can be calibrated to apply the exact amount of granular material per mile at any speed.</p>			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rate</b>
<a href="#">424</a>	Tailgate mounted, non-computerized	8 years	11.56/hr.
<a href="#">425</a>	Hopper type truck body with conveyor feeding material to power driven spinner type spreader, non-computerized (without pre-wetting system)	8 years	24.48/hr.
<a href="#">426</a>	Tailgate mounted, computer controlled (without pre-wetting system)	8 years	16.06/hr.
<a href="#">427</a>	Hopper type truck body with conveyor feeding material to power driven spinner type spreader, computerized (without pre-wetting system) <a href="#">(Alternate Photo)</a>	8 years	35.00/hr.
<a href="#">428</a>	Zero-velocity type spreader, includes 'pre-wetting' type system (may include anti-icing spray bar)	8 years	33.44/hr.

**SPRAY BAR / BRINE (PRE-WET) ATTACHMENTS**

Brine (pre-wet) attachments are used to pre-wet salt for winter maintenance. A brine (pre-wet) attachment includes the configuration of tanks, pumps, hoses, and nozzles. The gallon size limit is 0 gallons to 1,001 gallons or greater. Tanks are available in different volumes, styles, and shapes. Tanks are mounted in the box, on the sidewall of the truck, or on the tailgate. The pump may be either hydraulic or electric. Displacement is between 3-10 gallons per minute.

Class	Description	Estimated Life	2024 Rates
<a href="#">428</a>	Zero-velocity type spreader, includes 'pre-wetting' type system (may include anti-icing spray bar)	8 years	33.44/hr.
638	Spray bar applicator/Brine (pre-wet) tank(s), nozzles, pumps, hardware-tank size 0 gallons to 500 gallons for plow trucks	8 years	8.28/hr.
639	Spray bar applicator/Brine (pre-wet) tank(s), nozzles, pumps, hardware-tank size 501 gallons to 1,000 gallons for plow trucks	8 years	18.10/hr.
640	Spray bar applicator/Brine (pre-wet) tank(s), nozzles, pumps, hardware-tank size 1,001 gallons and greater for plow trucks	8 years	31.26/hr.

**SPREADERS, SELF-PROPELLED CHIP**

Class	Description	Estimated Life	2024 Rates
<a href="#">440</a>	Single width with mechanical extension	10 years	219.30/hr.

**SWEEPERS AND ATTACHMENTS**

Class	Description	Estimated Life	2024 Rates
<a href="#">431</a>	Broom, power take-off or hydraulic pump driven, attached to separate vehicle class	10 years	46.52/hr.
<a href="#">432</a>	Broom, self-powered, pulled by separate vehicle	10 years	42.08/hr.
<a href="#">433</a>	Street sweeper, mechanical debris collection system, self-propelled	10 years	136.30/hr.
<a href="#">434</a>	Broom, self powered, self-propelled	10 years	61.06/hr.
<a href="#">435</a>	Vacuum debris collection system, with or without sweeper, self-propelled ( <a href="#">Alternate Photo</a> )	10 years	105.54/hr.

**TRACTORS/SKID STEERS/END LOADERS/DOZERS**

These units shall be rated by net flywheel SAE horsepower (hp). Net horsepower shall be in accordance with Society of Automotive Engineers (SAE) standard 1349, and shall not exceed that stated in the manufacturer's national advertising.

Class	Description	Estimated Life	2024 Rates
<a href="#">202</a>	Wheel-type, 12 through 34 hp	10 years	32.40/hr.
<a href="#">203</a>	Wheel-type, 35 through 49 hp	10 years	33.48/hr.
<a href="#">204</a>	Wheel-type, 50 through 64 hp	10 years	41.20/hr.

<a href="#">205</a>	Wheel-type, 65 through 79 hp	10 years	36.24/hr.
<a href="#">206</a>	Wheel-type, 80 through 99 hp	10 years	37.94/hr.
<a href="#">207</a>	Wheel-type, 100 through 149 hp	10 years	56.82/hr.
<a href="#">208</a>	Wheel-type, 150 through 214 hp	10 years	75.10/hr.
<a href="#">209</a>	Wheel-type, 215 hp and more	10 years	88.24/hr.
<a href="#">215</a>	Track-type dozer, through 79 hp	10 years	57.58/hr.
<a href="#">216</a>	Track-type dozer, 80 through 99 hp	10 years	54.22/hr.
<a href="#">217</a>	Track-type dozer, 100 through 149 hp	10 years	66.60/hr.
<a href="#">218</a>	Track-type dozer, 150 through 214 hp	10 years	77.36/hr.
<a href="#">219</a>	Track-type dozer, 215 hp and more	10 years	110.64/hr.
<a href="#">221</a>	Agricultural type tractor/skid steer, 4- wheel drive units, 20 through 64 hp <a href="#">(Alternate Photo)</a> <a href="#">(Alternate Photo)</a>	10 years	39.22/hr.
<a href="#">222</a>	Agricultural type tractor/skid steer, 4- wheel drive units, 65 through 79 hp <a href="#">(Alternate Photo)</a> <a href="#">(Alternate Photo)</a>	10 years	38.48/hr.
<a href="#">223</a>	Agricultural type tractor/skid steer, 4- wheel drive units, 80 through 99 hp <a href="#">(Alternate Photo)</a> <a href="#">(Alternate Photo)</a>	10 years	41.76/hr.
<a href="#">224</a>	Agricultural type tractor/skid steer, 4- wheel drive units, 100 up to 175 hp	10 years	49.60/hr.
<a href="#">250</a>	Backhoe/loader/tractor, (80 hp and over)	10 years	74.48/hr.
<b>TRAILERS</b>			
Classification shall be based on the manufacturer's rated capacity for the specific model trailer			
<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">490</a>	Less than 1 ton (use manufacturer's rated capacity)	10 years	11.42/hr.
<a href="#">491</a>	1 through 4 tons (use manufacturer's rated capacity)	10 years	16.30/hr.
<a href="#">493</a>	5 through 29 tons (use manufacturer's rated capacity)	10 years	24.48/hr.
<a href="#">496</a>	30 tons and over (use manufacturer's rated capacity)	10 years	54.06/hr.

**TRUCKS**

Classifications shall be based on the manufacturer's gross vehicle weight (GVW) rating assigned to the specific model, including all component equipment recommended or required by the manufacturer, as listed in the current national advertising and specifications. No consideration shall be given to any GVW that may be assigned for a specific purpose, preferred service, limited area, or that is not included in the national advertising for that model. If optional GVW's or a range of GVW's are given without identifying equipment necessary to place the unit within the range, the average of the range shall be used.

*The washing of trucks performing winter activities shall be charged to the job using activity code 072 in accordance with the truck washing parameters identified in HMM 02-25-01, Activity Codes. All other (non-winter) truck washing shall be charged to the truck unit.*

<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">101</a>	Rear drive or 4wd, 15,000 lbs and less	6 years	16.58/hr.
<a href="#">103</a>	Rear drive or 4wd, 15,001 through 17,999 lbs	6 years	23.00/hr.
<a href="#">104</a>	Rear drive or 4wd, 18,000 through 22,999 lbs	6 years	29.36/hr.
<a href="#">106</a>	Rear drive or 4wd, 23,000 lbs through 50,000 lbs	10 years	68.52/hr.
<a href="#">112</a>	Rear drive, 4wd or 6wd, more than 50,000 lbs <a href="#">(Alternate Photo)</a>	15 years	82.28/hr.
<a href="#">117</a>	Tandem rear drive through 49,999 lbs	9 years	55.04/hr.
<a href="#">118</a>	Tandem rear drive, 50,000 lbs and over	9 years	90.46/hr.
<a href="#">1118</a>	Tandem rear drive, 50,000 lbs and over, with tri-axles	9 years	79.24/hr.
<a href="#">1128</a>	Tandem rear drive, 50,000 lbs and over, with quad-axles	9 years	63.58/hr.

**VEHICLES**

<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">114</a>	Automobiles	100,000 miles	1.20/mile
115	Commissioner Vehicle (Administration Account)	100,000 miles	set rate locally
<a href="#">119</a>	Vans and SUV's	5 years	16.76/hr.
120	Patrol superintendent vehicles	100,000 miles	0.70/mile

**MISCELLANEOUS EQUIPMENT**

<b>Class</b>	<b>Description</b>	<b>Estimated Life</b>	<b>2024 Rates</b>
<a href="#">901</a>	Backhoe attachment/Grapple <a href="#">(Alternate Photo)</a>	10 years	17.98/hr.
<a href="#">902</a>	Brush chipper	8 years	40.06/hr.
<a href="#">906</a>	Mechanical tamper, self-powered	8 years	41.74/hr.
<a href="#">907</a>	Ripper attachments for graders or tractors	10 years	137.22/hr.
<a href="#">908</a>	Surge bin	15 years	57.94/hr.

<a href="#">910</a>	Arrow board, self contained on trailer or truck mounted	10 years	4.26/hr.
<a href="#">911</a>	Conveyor	12 years	16.30/hr.
<a href="#">912</a>	Mudjack	10 years	108.28/hr.
<a href="#">915</a>	Post hole digger (auger), attachment	10 years	37.88/hr.
<a href="#">918</a>	Screening plant	10 years	0.64/ton
<a href="#">919</a>	Spring tooth or disc harrow attachment	10 years	16.00/hr.
<a href="#">923</a>	Water pump, centrifugal (with or without trailer) <a href="#">(Alternate Photo)</a>	5 years	43.50/hr.
<a href="#">924</a>	Water pump, diaphragm	5 years	23.24/hr.
<a href="#">925</a>	Sprayer, multi-purpose stand alone, liquid distribution system, including tank, spray bar, nozzles, to be used for spot weed spraying or dust control, excluding anti-icing.	10 years	16.06/hr.
<a href="#">926</a>	Water tanker or portable tank with pump and spray bars, not for anti-icing, exclusive of motive equipment (no charge may be made while in transit) <a href="#">(Alternate Photo)</a>	8 years	35.44/hr.
<a href="#">930</a>	Hydro-seeder with water supply	10 years	52.30/hr.
<a href="#">931</a>	Mulch spreader with water supply	10 years	77.30/hr.
<a href="#">932</a>	Brush cutter, (backhoe mounted on boom) <a href="#">(Alternate Photo)</a>	5 years	33.62/hr.
<a href="#">933</a>	Shoulder drag	10 years	13.44/hr.
<a href="#">934</a>	Concrete saw, through 9 hp, including blades	3 years	75.42/hr.
<a href="#">935</a>	Concrete saw, 10 through 24 hp, including blades	5 years	58.56/hr.
<a href="#">936</a>	Concrete saw, 25 hp and over, includes blades	10 years	87.28/hr.
<a href="#">937</a>	Hot air lance	5 years	8.46/hr.
<a href="#">938</a>	Pavement router/joint cleaner/roto-cutter, asphalt, including bits	5 years	59.26/hr.
<a href="#">939</a>	Field office, Class A	15 years	60.98/day
<a href="#">940</a>	Brush cutter (tractor mounted)	3 years	24.42/hr.
<a href="#">941</a>	Bump burner, infrared or open flame grader attach	12 years	212.10/hr.
<a href="#">942</a>	Post pusher/driver (wood or metal)	12 years	29.60/hr.
<a href="#">946</a>	Trailer, sign	10 years	22.40/day
<a href="#">947</a>	Portable pressure washer (heated or not heated) - attached wheels, capacity thru 20 hp	10 years	51.20/hr.



<a href="#">948</a>	Aerial platform (self-propelled or trailer mounted / not mounted on a truck)	12 years	68.68/hr.
<a href="#">949</a>	Attenuator (with or without arrow board)	10 years	14.50/hr.
<a href="#">950</a>	Centerliner, mounted on dual axle truck	10 years	140.54/hr.
<a href="#">951</a>	Centerliner, mounted on single axle truck	12 years	118.58/hr.
<a href="#">952</a>	Liquid dust control, applicator only	8 years	0.12/gal
<a href="#">953</a>	Boom for mowers, attached to tractor	10 years	20.44/hr.
<a href="#">954</a>	Sign truck, any combination of storage cabinets, auger and aerial platform (primarily used for installing signs)	10 years	36.46/hr.
<a href="#">955</a>	Tailgate conveyor or spreader box	12 years	34.40/hr.
<a href="#">956</a>	Hydraulic drill	8 years	42.16/hr.
<a href="#">958</a>	Message board (programmable) maximum charge of 12 hours in a 24 hr period	10 years	5.94/hr.
<a href="#">960</a>	Portable pressure washer (heated or not heated) - attached wheels, capacity 21 hp and greater	10 years	67.20/hr.
<a href="#">970</a>	Boom utility truck, any combination of storage cabinets, auger and man bucket (not primarily used for sign installation)	10 years	66.28/hr.
<a href="#">975</a>	Welder, electric, 0 - 300 amp capacity (does not include cost of welding rod)	10 years	12.94/hr.
<a href="#">976</a>	Welder, electric, 301 amp capacity and up (does not include cost of welding rod)	10 years	6.06/hr.