

Engine Driven Chipper Comparison Chart

Manufacturer	Salsco	Salsco	Brush Bandit	Vermeer	Vermeer	Carlton
Model	818	818XT	280XP	BC1500	BC1800XL	2018 Series
Capacity	18" round wood 18" slab	18" round wood 24" slab	18"	15"	19"	18"
Engine Options	Diesel: Caterpillar, 127HP John Deere, 140HP	Diesel: John Deere 200HP Caterpillar 225HP	Diesel: Caterpillar 114HP, 125HP & 142HP, John Deere 125HP & 140HP, Perkins 114HP, 125HP & 142HP	John Deere 125 HP	Diesel: John Deere 115 HP John Deere 125 HP John Deere 140 HP Cummings 170 HP	Diesel: 115 HP, 125 HP, 140 HP & 170 HP
Infeed Opening	18" high x 18" wide	18" high X 24" wide	18" X 20 1/2"	15" X 20"	20" X 24"	18 1/2" x 20 1/2"
Infeed Tray	Extra wide profile, 57" wide X 38-5/16" high. 1/4" wall tube edge. Control bar positioned at top of tray to control movement of the feed wheel - (fwd/neutral/rev).	Dirt drop infeed hopper. 3/8" Thick Steel Mounting Plate. 62" wide x 43" high, (2,666 sq. in.) Control bar positioned at top of tray to control movement of the feed wheel - (fwd/neutral/rev).	Specifications not available	15" x 30"	62.5" X 30.5"	(Chute) 64" wide
Hydraulic Feed Roll/Rolls	1 - 17-3/16" long x 20" in diameter Weighted, with replaceable cutters bars.	2 - Upper - 21" diameter x 24" long Lower - 10-5/8" diameter x 24" long. Weighted, with replaceable cutters bars. NOTE: Quad Feed Roll Option adds 2, 10-5/8" diameter x 24" long feed rolls.	Specifications not available	2 with vertical orientation, 20.9" 120 lbs.	2 with vertical orientation, 20.9" 116 lbs.	(2) Top: 15 3/4" dia Bottom: 10 5/8" dia
Impeller	1-1/2" thick x 52-1/4" diameter disc, machined and balanced and mounted on a 7" dia. Steel hub with 6 exhaust blades. Approx. 1,620 lbs.	2" thick X 59" diameter disc, machined and balanced. And mounted on a 7" dia. Steel hub 6 exhaust blades. Approx. 2,000 lbs.	Specifications not available	22.5" diameter X .38" 540 lbs.	36" diameter X .375"	55" diameter X 2" precision high speed balanced
Impeller Housing	3/8" thick, steel plate wrap, vented to allow for better discharge of processed material. Electric Safety Lock is standard and prevents the engine from being started if the impeller housing is open.	3/8" thick, steel plate wrap, vented to allow for better discharge of processed material. Electric Safety Lock is standard and prevents the engine from being started if the impeller housing is open.	Specifications not available	Specifications not available	Specifications not available	Specifications not available
Chipper Knives	Quantity (10) 1/2" thick x 4" long x 5-1/8" wide, double sided, hardened steel.	(8) 1/2" thick X 7" long, by 4 1/2" wide double sided, hardened steel.	Specifications not available	12	4 knives 5.5" X 10"	9

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Bed Knives	(2) One horizontal and one vertical. Both are adjustable, sharpenable and 1" thick steel.	(2) One horizontal and one vertical. Both are adjustable, sharpenable and 1" thick steel.	Specifications not available	2.5" X 1.5" HRLC steel	4 sided 3" X 20.25" X 1.25"	5" X 18" X 1/4" AR400
Chipper Bearings	4-Bolt, Flanged Bearings, 3" Bore. Greaseable and self centering	4-Bolt, Flanged Bearings, 3" Bore. Greaseable and self centering	Specifications not available	2	2	2 15/16" Tapped roller

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Hydraulic Tank	16-1/2 Gallon tank with pick-up screens, sight gauge, drain plug, lockable and vented. Cushioned.	40 Gallon tank with pick-up screens, sight gauge, drain plug, lockable and vented. Cushioned.	30 Gallons Capacity	12 gallon capacity	12 gallon capacity	20 gallon capacity, locking
Hydraulic Feed System	Self Contained Hydraulic System, 20 GPM Pump, 2,500 PSI Operating.	Self contained Hydraulic system, 20GPM pump, 2500 PSI operating	20" long X 10-5/8" diameter Drive Motor 63.9 cubic inches	Open center system, 4.14gpm, 2500 psi system relief pressure, 2500 psi auto reverse	Open center system, 7.8 gpm, 2500 psi system relief pressure, 2400 psi auto reverse	25 gpm, 16,000 psi burst- exceeds SAE 100R2
Exhaust Chute	360-degree swivel exhaust chute and exhaust flap is quickly and easily adjusted to direct exhaust. No tools necessary.	360-degree swivel exhaust chute and exhaust flap is quickly and easily adjusted to direct exhaust. No tools necessary.	330 degrees swivel	104" manual worm gear drive 270 degree	110" high 270 degree rotation	Hand crank height adjustable
Fuel Tank	25 Gallon Tank with pick-up screens, sight gauge, drain plug, lockable and vented. Cushioned.	60 Gallon Tank with pick-up screens, sight gauge, drain plug, lockable and vented. Cushioned.	40 Gallon Capacity	45 gallon capacity	35 gallon capacity	62 gallon capacity, locking
Battery/Batteries	12 v. automotive type, in lockable, cushioned steel boxes. 850 CC	Dual batteries, 12 v. automotive type, in lockable, cushioned steel boxes. 850 CC		12 volt 950 CCA	12 volt 950 CCA	950 CCA
Axle/Axles	2-5,000-lb. Torflex Axles with electric brakes.	2 - 7,000 lb. #12 - Torflex axles with electric brakes.	10,000 Torflex	7,000 lbs. rubber torsion	10,000 lbs. Dexter rubber torsion	(2) Dexter Torflex 9,000 pound cap
Tire/Wheel Assemblies	Qty. 4 - 9.5" x 16.5", 12 x 16.5, Load Range E. 8-Bolt, 8-Ply.	Qty. 4 - Radial, 9.5" x 16.5", Load Range "E". 8-Bolt, 8-Ply.	(2) 235/75R 17.5" load range H 16-ply	ST235/80RR16 Load Range E	235/75R 17.5 Load Range J	235/75R17.5 Ld Rng H 6005# @ 125 PSI
Tongue	Telescopic, 3" x 6" x 1/4" wall, rectangular steel tubing. Adjustable height hitch, 6 positions.	Telescopic, 3" x 6" x 1/4" wall, rectangular steel tubing. Adjustable height hitch, 6 positions.	Specifications not available	2.5" X 4.5" X .375"	4" X 4" X .375"	Specifications not available
Hitch	3" Heavy duty forged 4-bolt pintle. With safety chains.	3" Heavy duty forged 4-bolt pintle. With safety chains.	Specifications not available	Pintle	Pintle	Pintle 2.375" Diameter
Jack	9,000 lb. Heavy duty jack.	Hydraulic drop leg jack, 15K-Load, 12K-Lift.	8,000 lbs.	Specifications not available	Specifications not available	(stand) 10000# cap screw type
Fenders	1/4" heavy duty diamond plate fenders, stop, directional & safety lights with guard	1/4" Heavy duty diamond plate fenders with light enclosures and vise mounts.	Specifications not available	Bolt on	Integrated	Specifications not available
Tool Box	7 " W x 16-3/4" L, lockable & cushioned.	7 " W x 16-3/4" L, lockable & cushioned.	Aluminum	Standard	Standard	Specifications not available
Lights	4-Function, wired to meet ICC regulations, protected where possible. LED	4-Function, wired to meet ICC regulations, protected where possible. LED	Specifications not available	Front, rear, side, brake and tail markers lights	Front, rear, side, brake and tail markers lights	LED Tail lights

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Trailer	2" x 6" x 3/16" rectangular steel tubing, continuous welds. with cross beams	2" x 6" x 3/16" rectangular steel tubing, continuous welds. 3" x 6" main center beam. All cross members fully gusseted.	Specifications not available	Specifications not available	Specifications not available	Specifications not available
Guards/Decals	All safety guards are standard, including radiator guard. Full Set of Safety Decals.	All safety guards are standard, including radiator guard. Full Set of Safety Decals.	Specifications not available	Specifications not available	Specifications not available	Specifications not available
Paint	Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultra violet discoloration. All parts painted separately.	Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultra violet discoloration. All parts painted separately.	Urethane Bandit Yellow, Urethane Black, Urethane Green, Urethane Alert Orange, Urethane Caterpillar Yellow, Urethane White	Specifications not available	Specifications not available	Specifications not available
Options	Speed Sensing with Auto Reverse; Hyd. Feed Roll lift Down Pressure; Safety Light Package; Adjustable Height Exhaust Chute; Easy Adjust Exhaust Flap; High speed Winch; Wire Rope for Winch; Spare Tire & Rim (Wide Tire); Spare Tire Mount (Wide Tire); 2 - 5000# Axles, Surge Br. Wide Tires; Infeed Grate; 3" Pintle Coupler (Extra); 2- 5/16" Ball Coupler (Extra); 7-Prong Elec. Socket, Tow Vehicle; 6-Prong Elec. Socket, Tow Vehicle; 6-Prong Elec. Plug; Brake Control box, Tow Vehicle; Hydraulic Pressure check Kit; Flashing Amber	Speed Sensing with Auto Reverse; Hyd. Feed Roll Lift & Crush Cylinders; Radio Controlled Speed Sensing; Quad Feed Rolls; Safety Light Package; Exhaust Chute with Hydraulic Rotation; Hydraulic Adjustable Height Exhaust Chute; Tool Kit to Change Blades; High Speed Winch; Wire Rope for Winch; Spare Tire & Rim (Wide Tire); Spare Tire Mount (Wide Tire); 9,000-lb Heavy Duty	Spare tire and wheel, Hydraulic winch, Reversing Auto Feed, Lockable fuel and hydraulic tank, Special paint colors, Hand crank swivel discharge, Height adjustable discharge (hand crank), Hydraulic swivel discharge, Heavy duty tail light package, Engine pre-cleaner, Hydraulic lift cylinder, Hydraulic tongue jack, Hydraulic pressure check kit, 750 watt engine block heater, Model 75 backhoe loader, Fire extinguisher and mount, Rubber track undercarriage, Super size feed system	Winch, paint, extended warranty, preventive maintenance	Winch, paint, extended warranty, preventive maintenance	
Dimensions	225" X 92" X 105"	225" X 92" X 105"	96" X 102" X 189"	217" x 86" x104"	176" X 123" X 79.9"	240" X 108"
Weight	9,600 lbs.	14,420 lbs.	8,500-9,500 lbs. (depending on options)	6907 lbs.	9270 lbs.	11,700 lbs.
Warranty	1 Year	1 Year	1 Year	1 Year/1000 hour	1 Year/1000 hour	