

**MODEL 818XT
STANDARD SPECIFICATIONS AND OPTIONS**

ENGINE OPTIONS - DIESEL (All Engine Packages are complete with Vandalism Enclosures)	
<i>Caterpillar</i>	Tier III, C6.6, 225HP, 6 Cylinder
<i>John Deere</i>	Tier III, 6088HF, 200HP, 6 Cylinder
INSTRUMENT PANEL:	Ammeter
	Hour Meter/Tachometer
	Temperature gauge
	Oil Pressure Gauge
	Ignition key switch
	High engine temperature/Low oil pressure shutdown
	Instrument panel mounted curb side for operator protection
SPEED SENSING (Opt)	Speed Sensing with Auto Reverse (Option)
HYDRAULIC LIFT CYLINDERS (Opt.)	Qty. 2
	Cross Cylinders, 2" bore, 18" stroke
	Hyd. Feed Roll Lift with Crush Cylinders (Option)
CLUTCH	Dual Plate PTO Clutch
RADIATOR SCREEN	Aluminum, 27" x 30", Removable
	Radiator Guards
BATTERY BOXES	Qty. 2
	Lockable
	Cushioned
BATTERIES	Qty. 2
	12 volt, automotive type
	850 cold cranks
FUEL TANK	60 Gallon
	Pick-Up Screens
	Sight Gauge
	Lockable
	Drain plug
	Screw cap with dipstick
	Cushioned
TRAILER	2" x 6" rectangular steel tubing
	3" x 6" main center beam
	All welds continuous, both sides, top and bottom.
	All cross members fully gusseted
	1/4" heavy duty diamond plate fenders with light enclosures
TONGUE	Telescopic
	3" x 6" x 1/4" wall, rectangular steel tubing, continuous welds
	Adjustable height hitch, 6 positions
	2 - 3/8", grade 30 link safety chains, 3' long, meet SAE standards, with spring clasp safety hooks
	Drop Leg Jack, 15K-Load, 12K-Lift, Hydraulic
	3" Heavy Duty forged 4-bolt pintle
DUAL AXLES	Qty. 2
	#12 Torflex, 8,000 lb. Capacity
BRAKES	12 volt, electric, with breakaway switch
	Surge Brakes - Optional
TIRES	Qty. 4
	Radial, 9.5" x 16.5"
	Load Range "E"
	8-Bolt, 8 Ply
	3,170 lb. Capacity
TOOL BOX	7" Wide x 16 3/4" long x 6" high
	Large enough for a grease gun
	Lockable
	Cushioned

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LIGHT PACKAGE	Four function - Stop, directional, license plate & safety
	Wired to meet ICC regulations
	Wiring protected inside frame tube or conduit where possible
	7-prong connector
CHIPPER DISC ASSEMBLY	
<i>Disc</i>	2" Thick x 58" Diameter 7" Diameter Machined Shaft 6 Exhaust Fans, with Support Gussets 1,620 LBS.
<i>Chip Blades</i>	8 - 1/2" x 4" x 7 1/4", double sided, interchangeable, A-8 grade steel, 8.0% chrome Rockwell hardness - Center 38-45 RC, Edge 54-56 RC Blades are bolted & held in place by 1/2" x 3" grade 8 bolts
<i>Disc Housing</i>	3/8" Thick Steel Housing 1/2" Thick, Steel Wrap Continuous Welds Vented for Air-Flow
INFEED SYSTEM	
<i>Infeed Tray & Infeed Opening</i>	Dirt Drop Infeed Hopper 3/8" Steel Mounting Plate 62" Wide x 43" High 2,666 Sq. In. 18" High x 24" Wide, Infeed Opening, 1/4" Wall Tube Edge 1/4" Thick Steel Continuous Welds, Gusseted and Re-enforced for Strength
<i>Feed Rolls - (2) Standard</i>	Upper Feed Roll - 20-1/2" Dia. 24" Long, 2" Dia. Shaft, 515 lbs. Lower Feed Roll - 10 5/8" Dia. 24" Long, 2" Dia. Shaft, 236 Lbs. Replaceable Blades Quad Feed Roll Option Adds 2 - 10-5/8" Dia. 24" Long Feed Rolls
<i>Feed Rolls Yoke</i>	3/8" Thick Steel - 981 Lbs. Continuous Welds and Fully Gusseted
<i>Bed Knives (2)</i>	Vertical - 1" Thick x 18" Long x 6" Wide Horizontal - 1" Thick x 26" Long x 5-3/4" Wide Replaceable & Sharpenable
<i>Feed Rate</i>	
DISCHARGE SYSTEM	Chip discharge accomplished by 6 blower paddles welded to disc
<i>Discharge Chute</i>	360 degree swivel, no tools necessary (Locking pin available) 12" long directional flap, fully adjustable, no tools necessary 105" discharge from ground level 3/16" steel at top radius, 3/16" & 1/8" steel at the bottom & side radius 3/16" steel on remainder of chute Continuous welds & support bar
HYDRAULIC SYSTEM	
<i>Tank</i>	40 Gallon Pick-Up Screens Sight Gauge Drain plug, lockable, vented , screw cap with dip stick Sight Gauge with thermometer
<i>Filter</i>	SAF59-G20, 25 micron
<i>Pump</i>	20 GPM Pump Live Hydraulics Operates at 2,500 P.S.I.
<i>Motors (2)</i>	Hydraulic Drive - 66 cubic inches per revolution
<i>Hoses</i>	Rated 3,000 P.S.I.
PAINT	Baked enamel, polyester, powder coat, Orange (Standard) All parts painted individually
GENERAL SPECIFICATIONS	
<i>Length</i>	225" Long
<i>Width</i>	92" Wide
<i>Height</i>	105" High
<i>Weight</i>	14,420 Lbs.

