

SALSCO MODEL 813XT - 13" X 18" INFEED OPENING

CAPACITY:	13" Round Wood
ENGINE OPTIONS:	Caterpillar, C4.4, 91HP, Tier III Caterpillar Diesel Engine, 127HP, Tier III John Deere, 4045T280, 80HP, Tier III John Deere, 4045T280, 115HP, Tier III
INSTRUMENT PANEL:	Ammeter Speed sensing meter with hour meter & RPM Temperature gauge Oil Pressure Gauge Ignition key switch High engine temperature/Low oil pressure shutdown Instrument panel mounted curb side for operator protection
ENGINE COVER:	Engine cover, lockable & vandal proof.
RADIATOR GUARD:	2" x 4" Rectangular steel tubing with adjustable mounting
RADIATOR SCREEN:	Removable mesh radiator screen Heavy Duty Screen with 1" bends. This increases the contact surface for more air to pass through.
BATTERY BOX:	Lockable, Cushioned with springs & rubbers
BATTERY:	12 volt, automotive type, 900 cold cranks
FUEL TANK:	24 gallon capacity, 19 3/4" x 12" x 24" Lockable Drain plug Screw cap with dipstick Cushioned with springs & rubbers
TRAILER:	2" x 6" X 1/4" wall rectangular steel tubing 3" x 6" main center beam All welds continuous, both sides, top and bottom. All cross members fully gusseted
TONGUE:	Bolt on - 1/2" plate, with 1/4" gussets 3" x 6" x 1/4" wall, rectangular steel tubing, continuous welds Adjustable height hitch Safety Hook with Spring Clasp- (Qty. 2) - 3/8" link safety chains, 5' long, meet SAE standards 9,000 lb. Capacity Heavy Duty Jack 2 1/2" lunette ring, 3" pintle, or 2 5/16" ball coupler
BRAKES:	12 volt, electric, with breakaway switch
AXLE:	7,000 lb., Torflex Axle with independent suspension #12 Torflex - 7,000 lb. Electric, with Independent Suspension #12 TF7KEZ -8/6.5-Electric Main Rail Outside 59-1/2" Hubface to Hubface 78-1/2" Angle of arm 22.5 Degree Down Stud 5/8-18
TIRE & WHEEL ASSEMBLIES:	Tire Only (B9as) 12:00 X 16.5 LR "E" (3550 LBS) 8-Bolt, 10 Ply Steel tubes welded to the wheels to protect valve stems
TOOL BOX:	7" Wide x 16 3/4" long x 6" high Large enough for a grease gun Lockable Cushioned
LIGHT PACKAGE:	Four function - Stop, directional, license plate & safety Wired to meet ICC regulations Wiring protected inside frame tube or conduit where possible. Safety Light Package, Mounted on Infeed
CHIPPER DISC ASSEMBLY:	40" diameter x 2" thick steel, machined and balanced
<i>Disc</i>	6 - blower blades, welded & gusseted to disc (19 3/4" x 7 1/4" x 3/8") 3" diameter shaft held in place by self centering, heavy duty cast iron, greasable, 4-bolt flanged bearings, bolted to 1 1/4" steel plate 4 - chip blade pockets, (2 of the four pockets are open to allow extra flow through of debris) machined into disc, to hold 6 chip blades Disc feeds at a 35 degree angle Disc speed - Approximately 1350 R.P.M., Weight - 700 lbs.
<i>Chip Blades</i>	6 - 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>	Upper & lower housing, 3/8" steel plate

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		Front & rear side housing, 3/8" steel plate
		Hinged & held in place by a 13" long x 3/4" diameter pin.
		Lockable
SAFETY LATCH ASSEMBLY:		Electric Plug to prevent starting if unplugged.
		Mechanical push pin to prevent opening the chipper door until disc stops rotating.
INFEED SYSTEM:		
	<i>Infeed Tray</i>	Opening at outer edge, 57" wide x 33" high, 1,881 sq.in.
	<i>& Infeed Opening</i>	Opening at feed roller, 13" high x 18" wide
		1/4" steel plate sides
		3/4" x 18" x 18" replaceable bolted wear plate, welded to honeycombed support single feed roll only.
		45" from edge of standard infeed tray to center of feed roller.
		Safety bar, forward/neutral/reverse, mounted on all three sides, supported by two
		1" solid steel threaded pivot pins.
		Length from feed wheel to ground, 62 1/2"
		Length from feed wheel to ground, 92 1/2" (with optional fold down tray)
		Infeed grate in base of infeed hopper to allow dirt and rocks to drop before entering the feed rolls. (OPTIONAL)
	<i>Feed Rolls (2)</i>	Upper - Weighted, 18" long x 21" diameter, horizontal, 1-1/2" shaft, 1-1/4" Blades
		Lower - Weighted, 17-3/16" long x 12-3/4" diameter, 1" Blades
		4-bolt, heavy-duty, cast iron, self centering, greasable bearings
		Hydraulically driven using #80 chain & sprocket drive assembly
		1/2" thick steel bearing & slide mounts
		Cutter/cleaner bars, extend full length, welded both ends & side
	<i>Feed Roll Housing</i>	Hydraulic Feed Roll Lift with Down Pressure
		4 - UHMV wear bars, 3/4" x 1" x 17"
		3/8" thick steel plate, continuous welds
		Infeed opening, 13" high x 18" Wide to accept 13" round wood. Straight sides to disc. No restrictions.
	<i>Bed Knives (2)</i>	Horizontal - 1" thick x 6 1/4" x 15 3/8", adjustable, sharpenable
		Vertical - 1" thick x 75/8" x 12 15/16", adjustable, sharpenable
	<i>Feed Rate</i>	0-135 FPM
		1/2" Uniform chip capability
FEED SENSING:		Programmable Auto Reverse Feed Sensing
		Unit counts impeller R.P.M. to activate feed sensing.
DISCHARGE SYSTEM:		
	<i>Discharge Chute</i>	Chip discharge accomplished by 6 blower paddles welded to disc
		360 Degree hand crank swivel exhaust chute
		12" Long, easy adjust exhaust flap, no tools necessary
		Height adjustable exhaust chute
		93" 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
DRIVE SYSTEM:		5 - "B" Section, V-Belts
		Cast iron pulleys with taper lock centers
		All adjusting shafts have pusher screws to hold adjustment
HYDRAULIC SYSTEM:		
	<i>Tank</i>	16 3/4 gallon capacity
		Drain plug, lockable, vented , screw cap with dip stick
		Painted black, with fins for heat disbursement
		Cushioned
	<i>Filter</i>	25 Micron, spin-on type
HYDRAULIC PUMPS:		
	<i>Pump #1</i>	Eaton Gear Pump
		Shaft: 5/8" 9 Tooth Spline
		Rear Port
		Pressure Port: 7.8-14 UNF 2B
		Suction Port: 1-1/16-12 UN2B
		Disp: .66 CU. IN.
		Right Hand Rotation
	<i>Pump #2</i>	Eaton Gear Pump
		Shaft: 5/8" KEYED
		Rear Port
		Pressure Port: 7/8-14
		Suction Port 1-1/16-12
		Disp: 1.20 CU. IN.
		Right Hand Rotation

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HYDRAULIC MOTORS:		
	<i>Motor #1</i>	Char-Lynn, Disp. 14.8 CU.IN
	<i>Motor #2</i>	Char-Lynn, Disp. .29.78 CU. IN.
HYDRAULIC HOSES:		SAE standard straight pipe thread ends
		2,500 P.S.I. Working, 10,000 P.S.I. Burst
		Operating temperature range: -40 degree F. - +212 degrees F
PAINT:		Baked enamel, polyester, powder coat,
		Orange (Standard)
		All parts painted individually
GENERAL SPECIFICATIONS		
	<i>Length</i>	171" Transport (14' 3")
	<i>Width</i>	80 1/2" Transport (6' 7"0)
	<i>Height</i>	93" to top of exhaust chute (7' 9")
	<i>Weight</i>	6,000 lbs., approximately, depending on optional equipment
OTHER AVAILABLE OPTIONS:		HYDRAULIC WINCH
		WIRE ROPE FOR WINCH
		SPARE TIRE MOUNT
		SPARE TIRE & RIM
		SINGLE REAR JACK STAND
		PINTLE HITCH, 3" ADJUSTABLE
		BALL HITCH, 2 5/16"
		7,000 LB. T-FLEX AXLE, SURGE BRAKES
		MUD FLAPS (SET)
		7-PRONG ELEC. SOCKET/TOW VEHICLE
		BRAKE CONTROL BOX/TOW VEHICLE
		CHIP BLADES(EXTRA) 6 PER MACHINE
		TOOL KIT TO CHANGE KNIVES
		BASTARD FILE, KNIFE TOUCH UP
		FLASHING AMBER WARNING LIGHT
		AMBER STROBE LIGHT KIT
		SWING ARM MOUNT FOR WARNING LIGHT
		CONE HOLDER ON TONGUE
		CHOCK HOLDERS ON FENDERS (SET)
		SHUT-OFF VALVE/FUEL TANK
		TELESCOPING TONGUE
		HYDRAULIC PRESSURE CHECK KIT
		FOLD DOWN INFEED TRAY
		SPECIAL ORDER BAKED ENAMEL PAINT COLOR CHANGE