SALSCO PRODUCT TRAINING is for dealer salespeople to become familiar with our product line and to understand the value of our products. Please share this detailed information with potential buyers.

PTO, Hydraulic Feed Chippers

Salsco's line of commercial grade disc style chippers includes both PTO-driven and engine-driven chippers.

Our PTO, Hydraulic Feed Chippers vary in capacity from 4 to 10 inches, so we are sure to have the ideal model to fit your wood/brush chipper needs!

FEATURES AND BENEFITS

• Tubular steel frames, continuous welds, and heavy-duty chipping systems.
• Built to withstand years of productive and reliable chipping.
• Designed and engineered for doing heavy work.
• Salsco utilizes only the finest quality components, bearings, belts, etc.
• Numerous sizes to accommodate customer’s needs, built tough to last a lifetime with proper maintenance.
• Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration.
• All parts painted separately and then assembled to prevent rusting between parts.
• Our Customer Service and Warranty are second to none.
HOW TO SELL

- Made in the U.S.A. Compared to others, we are not the lowest price on the market. OK to get that out of the way early and then emphasize our quality and performance.
- Always promote Features and Benefits.
- We are commercial grade and built to last = Longevity.
- Continuously welded; not bolted together; welds do not loosen.
- Our impellers are heavier duty.
- The knife pockets in the impellers behind the blades are larger, allowing the thru flow of waste material.
- Wear parts are bolted for easy replacement, if needed.
- The biggest point to cover is gravity vs. power feed.

FREQUENTLY ASKED QUESTIONS AND ANSWERS

Q: What are the minimum HP requirements at the PTO?
A: Speed Sensing is suggested with lower HP tractors.
   624XT, PTO – 16HP  824PTO – 15HP  826PTO – 25HP
   627XT, PTO – 25HP  6210XT, PTO – 35HP  810PTO – 35HP

Q: Do I have to prune the material first?
A: With the hydraulic in-feed rolls pulling the material into the chipper, very little pruning (or none) is needed. The hydraulics do all the work for you, making this style very productive.

Q: What is the proper setup between the chipper blade and bed knife?
A: The gap for the hydraulic feed, PTO machines is .070.

Q: When should I sharpen the blades?
A: • With hydraulic feed machines, you will want to sharpen the blades when the chips look shredded.
   • With gravity feed machines, you would sharpen when the machine stops self-feeding.

Q: Do I need to cut the PTO shaft?
A: Yes, you need to cut the PTO shaft to match your tractor. Instructions are provided in the manual.

Q: Does the tractor supply the hydraulic fluid/pressure?
A: • Models 824PTO, 826PTO, and 810PTO are fully contained, having their own hydraulic pump and oil. These machines only require 540 RPM at the drive shaft, and the tractor does not need rear remotes.
   • Models 624XT, 627XT, and 6210XT require 540 RPM to turn the impeller, but also require hydraulic rear remotes at the tractor to run the hydraulic feed wheels.
DEMO TIPS

- It is best to already have the chipper installed on a tractor and ready to demo once you arrive at the customer's location.
- Have your service department set this up so your demo goes smoothly.
- Always train the customer and let the customer use the machine.
- Gravity feed chippers require a lot of initial pruning before feeding the wood through. Hydraulic feed chippers require very little.
- Always make sure the material you are feeding into the chipper goes in as straight as possible.
- If you have a branch that won't fit, remove it. Don't fight with it. The customer will never forget the trouble you were having with the branch, but if you take it out and chip another, he will remember how easy the problem was solved.
- Never mention other machines by name. Just say, “Look at my features and benefits…” For example: “Look at our chip blades. We use a bolt and nut design whereas others thread the chipper disc. With Salsco chippers, when the machine gets use on it and the chip blade bolt will not loosen, you can cut the nut off with a chisel and hammer. Easy repair, but if the disc is threaded what do you do? How will you remove the chip blade screws?”
- You should always sell an extra set of chipper blades.
- Make sure the tractor has enough 3-point hitch lifting capacity and PTO RPMs for the chipper they are purchasing.

SALSCO vs. COMPETITION

- Salsco is Made in the U.S.A.
- Competitive models are of much lower quality, cheaply built, and not Made in the U.S.A.
- Salsco chippers are welded together; most competitive models are bolted.
- Salsco does not produce homeowner or light duty chippers…only heavy duty commercial grade!

VIDEO LINKS...Show our products in action!

- Models 624XT and 810PTO: Videos unavailable
SALSCO CHIPPERS, smallest to largest, are very difficult to clog. We provide extra air to discharge chips quickly and efficiently.

All Salsco impellers have extra wide knife pockets which create a very high volume of air flow to quickly move material away from the impeller and out to the waste pile.

All Salsco impeller housings are vented as shown here providing even more air to expedite chipped material into the exhaust chute.

OPTIONS

*Speed Sensing*: Available on all hydraulic feed chippers. Speed Sensing monitors the impeller RPM. Should the RPM drop to a certain point, the infeed will stop and wait for the impeller RPM to come up to full operating RPM, and then it will start feeding in the material. An invaluable option!

*Skid Steer Adapter Plate*: Available on Models 824PTO and 826PTO only. Includes all necessary hoses, hydraulic pump and a hydraulic motor to mount the unit to a skid steer. The skid steer can be either high or low flow. Click photo for a video of Model 826PTO with the Skid Steer Adapter Plate option.

*I-Match Quick Attach Adapter*: Available only on Models 624XT, PTO and 627XT, PTO. Provides easy hookup!
Model 624XT, PTO – 4” capacity: Minimum 16HP required @ the PTO

INFEED OPENING: 4-1/2" x 5" infeed opening to dual feed rolls.

INFEED TRAY: Extra wide, 22" wide x 22" high, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral & reverse.

FRAME: 7 gauge steel frame, fully welded and gusseted for strength.

IMPELLER HOUSING: 7 gauge steel, impeller housing is vented to provide more air flow for chip exhaust.

EXHAUST CHUTE: 360° swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools.

FEED ROLLS: Two (2), 12" long x 5-1/2" diameter, weighted, replaceable blades, fully welded.

IMPELLER: Fully balanced, 3/4" thick x 22-1/2" diameter steel impeller with four (4) welded & gusseted exhaust paddles. 125 lbs. (approx.)

CHIP BLADES: Two (2), 1/2" thick x 7-1/4" long x 4" wide, double-sided.

BED KNIFE: One (1), 1/2" thick steel, replaceable, sharpenable & adjustable.

DRIVE SHAFT & SHIELD: Drive shaft with shield, rated at 35HP @ 540 RPM.

HITCH: 3-Point Hitch, Category 1.

BEARINGS: 4-bolt, heavy duty, cast iron, greaseable & self-centering.


GUARDS/DECALS: All moving parts guarded. Full set of safety decals.

PAINT: Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.

OPTIONS: Speed Sensing, I-Match Quick Attach Adapter.

DIMENSIONS: Length: 5’ 5”
Width: 4’ 6”
Height: 6’ 4”
Weight: 870 lbs.
Model 627XT, PTO – 6” capacity: Minimum 25HP required @ the PTO

360° Exhaust with adjustable Chip Deflector, requires no tools and is easily adjusted to discharge chips anywhere you want.

Easily unbolts at the Feed Roll for maintenance.

Fully balanced, 1” thick x 29” diameter steel Impeller with (3) welded and gusseted Exhaust Paddles with custom edge quickly moves material away from the Impeller and out to the waste pile.

**SPECIFICATIONS - MODEL 627XT, PTO**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFEED OPENING:</td>
<td>7” x 8” infeed opening to dual infeed rolls.</td>
</tr>
<tr>
<td>INFEED TRAY:</td>
<td>Extra wide, 23” wide x 25” high, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral &amp; reverse.</td>
</tr>
<tr>
<td>FRAME:</td>
<td>7 gauge steel frame, fully welded and gusseted for strength.</td>
</tr>
<tr>
<td>IMPELLER HOUSING:</td>
<td>7 gauge steel, impeller housing is vented to provide more air flow for chip exhaust.</td>
</tr>
<tr>
<td>EXHAUST CHUTE:</td>
<td>360° swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools.</td>
</tr>
<tr>
<td>FEED ROLLS:</td>
<td>Two (2), 12” long x 5-1/2” diameter, weighted, replaceable blades, fully welded.</td>
</tr>
<tr>
<td>IMPPELLER:</td>
<td>Fully balanced, 1” thick x 29” diameter steel impeller with three (3) welded and gusseted exhaust paddles. 210 lbs. (approx.)</td>
</tr>
<tr>
<td>CHIP BLADES:</td>
<td>Six (6), 1/2” thick x 5-1/8” long x 4” wide, double-sided.</td>
</tr>
<tr>
<td>BED KNIFE:</td>
<td>One (1), 1/2” thick steel, replaceable, sharpenable &amp; adjustable.</td>
</tr>
<tr>
<td>DRIVE SHAFT &amp; SHIELD:</td>
<td>Drive shaft with shield, rated at 35HP @ 540 RPM.</td>
</tr>
<tr>
<td>HITCH:</td>
<td>3-Point Hitch, Category 1.</td>
</tr>
<tr>
<td>BEARINGS:</td>
<td>4-bolt, heavy duty, cast iron, greaseable &amp; self-centering.</td>
</tr>
<tr>
<td>GUARDS/DECALS:</td>
<td>All moving parts guarded. Full set of safety decals.</td>
</tr>
<tr>
<td>PAINT:</td>
<td>Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.</td>
</tr>
<tr>
<td>OPTIONS:</td>
<td>Speed Sensing; I-Match Quick Attach adapter.</td>
</tr>
<tr>
<td>DIMENSIONS:</td>
<td>Length: 6’ 2”</td>
</tr>
<tr>
<td></td>
<td>Width: 5’ 7”</td>
</tr>
<tr>
<td></td>
<td>Height: 6’ 10”</td>
</tr>
<tr>
<td></td>
<td>Weight: 1,324 lbs.</td>
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</tbody>
</table>
**Model 6210XT, PTO – 10” capacity:** Minimum 35HP required @ the PTO

### Infeed Opening:
10” high x 14” wide infeed opening to dual feed rolls.

### Infeed Tray:
Extra wide, 31” wide x 30” high, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral & reverse.

### Frame:
7 gauge steel frame, fully welded and gusseted for strength.

### Impeller Housing:
7 gauge steel, impeller housing is vented to provide more air flow for chip exhaust.

### Exhaust Chute:
360° swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools.

### Feed Rolls:
Two (2), 24” long x 5-1/2” diameter, weighted, replaceable blades, fully welded.

### Impeller:
Fully balanced, 1” thick x 42” diameter steel impeller with three (3) welded and gusseted exhaust paddles. 410 lbs. (approx..)

### Chip Blades:
Nine (9) 1/2” thick x 5-1/8” long x 4” wide, double-sided.

### Bed Knife:
One (1), 1/2” thick steel, replaceable, sharpenable, & adjustable.

### Drive Shaft & Shield:
Heavy duty slip clutch drive shaft with shield, rated at 65HP @ 540RPM.

### Hitch:
3-Point Hitch, Category 1.

### Bearings:
4-bolt, heavy duty, cast iron, greaseable & self-centering.

### Hydraulic Components:
Hoses - Two (2), 2,500 P.S.I. operating & 10,000 P.S.I. burst. Motor - 23.8 displacement for easy connection to tractor remotes. Flow control is standard.

### Guards/Decals:
All moving parts guarded. Full set of safety decals.

### Paint:
Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.

### Options:
Speed Sensing.

### Dimensions:
Length: 7’ 10”
Width: 5’ 1”
Height: 6’ 9”
Weight: 1,965 lbs.
**Model 824PTO – 4” capacity:** Minimum 15HP required @ the PTO

![Image 1](image1.jpg)
![Image 2](image2.jpg)
![Image 3](image3.jpg)

Fully contained unit requires no oil from the tractor. 360° Exhaust with adjustable Chip Deflector, requires no tools to adjust.

All four legs are adjustable.

Easily connects to any Category 1, 3-Point Hitch tractor.

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**SPECIFICATION - MODEL 824PTO**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INFEED OPENING:</strong></td>
<td>4” high x 8” wide opening at the infeed.</td>
</tr>
<tr>
<td><strong>INFEED TRAY:</strong></td>
<td>Extra wide, 29” wide x 24” high, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral &amp; reverse.</td>
</tr>
<tr>
<td><strong>FRAME &amp; ADJUSTABLE LEGS:</strong></td>
<td>Frame - 1-1/2” x 2” x 1/4” wall. Legs Frame - 2-1/2” X 2-1/2” x 3/16” wall. Legs - 2” x 2” x 1/4” wall.</td>
</tr>
<tr>
<td><strong>IMPELLER HOUSING:</strong></td>
<td>1/4” thick steel, impeller housing is vented to provide more air flow for chip exhaust.</td>
</tr>
<tr>
<td><strong>EXHAUST CHUTE:</strong></td>
<td>360° swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools.</td>
</tr>
<tr>
<td><strong>FEED ROLL:</strong></td>
<td>One (1), 8” long x 7” diameter, weighted, replaceable blades, fully welded.</td>
</tr>
<tr>
<td><strong>IMPELLER:</strong></td>
<td>Fully balanced, 3/4” thick x 18-7/8” diameter steel impeller with six (6) welded and gusseted exhaust paddles. 160 lbs. (approx.)</td>
</tr>
<tr>
<td><strong>CHIP BLADES:</strong></td>
<td>Two (2), 1/2” thick x 7-1/4” long x 4” wide, double-sided.</td>
</tr>
<tr>
<td><strong>BED KNIVES:</strong></td>
<td>Two (2), one horizontal, one vertical. Both are 3/4” thick steel, replaceable, sharpenable &amp; adjustable.</td>
</tr>
<tr>
<td><strong>DRIVE SHAFT &amp; SHIELD:</strong></td>
<td>Drive shaft with shield, rated at 35HP @ 540 RPM.</td>
</tr>
<tr>
<td><strong>HITCH:</strong></td>
<td>3-Point Hitch, Category 1.</td>
</tr>
<tr>
<td><strong>BEARINGS:</strong></td>
<td>4-bolt, heavy duty, cast iron, greaseable &amp; self-centering.</td>
</tr>
<tr>
<td><strong>HYDRAULIC COMPONENTS:</strong></td>
<td>Hoses - 2,500 P.S.I. operating &amp; 10,000 P.S.I. burst. Motor - Char-Lynn 17.9 displacement. Pump - Sunstrand, variable speed.</td>
</tr>
<tr>
<td><strong>HYDRAULIC TANK:</strong></td>
<td>10” x 8-1/4” x 8” steel tank. 2.6 gallon capacity, with lockable filler cap with dip stick.</td>
</tr>
<tr>
<td><strong>GUARDS/DECALS:</strong></td>
<td>All moving parts guarded. Full set of safety decals.</td>
</tr>
<tr>
<td><strong>PAINT:</strong></td>
<td>Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.</td>
</tr>
<tr>
<td><strong>OPTIONS:</strong></td>
<td>Skid Steer Adapter Plate; Speed Sensing.</td>
</tr>
<tr>
<td><strong>DIMENSIONS:</strong></td>
<td>Length: 5’ 4” Width: 3’ 9” Height: 5’ 9” Weight: 860 lbs.</td>
</tr>
</tbody>
</table>
Model 826PTO – 6” capacity: Minimum 25HP required @ the PTO

Extra wide, fold down Infeed Tray. Slow, fast, neutral and full reverse Infeed Control Handle.

Extra wide Infeed Opening. Saw mill operators can easily chip up to 12” wide slabs, and rid their property of unsightly piles of slab wood.

Fully balanced, 1” thick x 26” diameter steel Impeller with (6) welded and gusseted Exhaust Paddles.

SPECIFICATIONS - MODEL 826PTO

INFEED OPENING: 6” high x 12” wide opening at the infeed

INFEED TRAY: Extra wide, 40” wide x 23” high, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral & reverse.

FRAME & ADJUSTABLE LEGS: Frame - 2” x 3” x 1/4” wall. Legs Frame - 2-1/2" x 2-1/2" x 3/16" wall. Legs - 2” x 2” x 1/4” wall.

IMPELLER HOUSING: 1/4” thick steel, impeller housing is vented to provide more air flow for chip exhaust.

EXHAUST CHUTE: 360º swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools.

FEED ROLL: One (1), 7” long x 12” diameter, weighted, replaceable blades, fully welded.

IMPELLER: Fully balanced, 1” thick x 26” diameter steel impeller with six (6) welded and gusseted exhaust paddles. 200 lbs. (approx.)

CHIP BLADES: Four (4), 1/2” thick x 5-1/8” long x 4” wide, double-sided.

BED KNIVES: Two (2), one horizontal, one vertical. Both are 1” thick steel, replaceable, sharpenable & adjustable

DRIVE SHAFT & SHIELD: Drive shaft with shield, rated at 47HP @ 540RPM.

HITCH: 3-Point Hitch, Category 2.

BEARINGS: 4-bolt, heavy duty, cast iron, greaseable & self-centering.


GUARDS/DECALS: All moving parts guarded. Full set of safety decals.

PAINT: Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.

OPTIONS: Skid Steer Adapter Plate; Speed Sensing.

DIMENSIONS: Length: 5’ 5”
Width: 4’ 4”
Height: 7’
Weight: 1,560 lbs.
Model 810PTO – 10” capacity: Minimum 35HP required @ the PTO

The hydraulics are fully self-contained, so no oil is required from the tractor.

Full Trailer Package is Standard for easy transport, both on and off the road.

OPTIONS:

- **Speed Sensing** monitors the Impeller RPM
- **Hydraulic Feed Roll Lift Cylinder** (see below)
- **6,000 lb. Torflex Axle with Electric Brakes**
  (Torflex idler axle is standard... An over-the-road 6,000 lb. axle w/electric brakes is an Option.)

MORE OPTIONS...helpful when multiple changes need to be made for the exhaust of chips:

- **Height Adjustable Exhaust Chute**
- **Hand Crank Swivel Exhaust Chute**
- **Easy Adjust Exhaust Chute Flap**

• Extra wide Infeed Tray. Slow, fast, neutral and full reverse Control Handle.

• 360° Exhaust with adjustable Chip Deflector, requires no tools and is easily adjusted to discharge chips anywhere you want.

Fully balanced, 2" thick x 32" diameter steel Impeller, with (6) welded and gusseted Exhaust Paddles.

Hydraulic Feed Roll Lift Cylinder is an excellent option when chipping large branches. The operator lifts the Feed Wheel using the lever mounted on the Infeed so he can place the branch under the Feed Wheel, then lowers the Feed Wheel onto the branch to draw it into the chipper. This prevents the Feed Roll from having to climb over large branches.
SPECIFICATIONS - MODEL 810PTO

INFEED OPENING: 10” x 18” opening at the infeed.

INFEED TRAY: Extra wide, 57” wide x 33” high, 1/4” thick steel plate sides, with fold down infeed tray. Control bar positioned at top of infeed tray to control movement of the feed roll. High speed, low speed, neutral & reverse.

FRAME: 2” x 4” rectangular tubing with support gussets and continuous welds for strength.

IMPELLER HOUSING: 1/4” thick steel, impeller housing is vented to provide more air flow for chip exhaust.

EXHAUST CHUTE: 360º swivel exhaust chute and exhaust flap are both quickly and easily adjusted to direct exhaust with no tools. (270º stop available, if required)

FEED ROLL: Large 21” diameter x 18” long, 600 lb., weighted feed roll with 14 rows of 1-1/4” long replaceable knives, and scraper bars to prevent wrapping.

IMPELLER: Fully balanced, 2” thick x 32” diameter steel impeller with six (6) welded and gusseted exhaust paddles, mounted on a 4-1/2” diameter steel hub. 600 lbs. (approx.)

CHIP BLADES: Four (4) - 7-1/4” x 4” x 1/2” double-sided, reversible, bolted, and set into two (2) knife pockets.

BED KNIVES: Two (2). One horizontal, 1” thick x 7” x 18” and one vertical, 1” thick x 8-3/8” x 9”. Both knives are replaceable, sharpenable & adjustable.

DRIVE SHAFT & SHIELD: Heavy duty slip clutch drive shaft with shield, rated at 80HP @ 1,000 RPM.

BEARINGS: 4-bolt, heavy duty, cast iron, greaseable & self-centering.

HYDRAULIC COMPONENTS: Heavy duty 1,200 lb., weighted box type feed system. Feed rate, 0 - 125’ per minute. Hoses - 2,500 lbs., P.S.I. working, 10,000 lbs., P.S.I. burst. Motor - Char-Lynn, 11.3 displacement, Pump - Sunstrand, 62 cu.in., control valve with relief valve.

HYDRAULIC TANK: 10-1/4” x 10-1/4” x 8-1/4” steel tank. 3.5 gallon capacity, with lockable filler cap with dip stick.

AXLE: 6,000 lb., Torflex Idler Axle, features an independent suspension, cushioned with rubber, providing a smooth, quiet ride with no transfer of road shock from one wheel to the other.

TIRE/WHEEL ASSEMBLIES: Two (2) ST225/75R15, 8 ply, 28.10” dia. Max load 2,540 lbs., each. High speed, highway rim mounted on a 6-bolt white spoke wheel.

HITCH: Farm type coupler.

FENDERS: Extra heavy duty 1/4” diamond plate fenders with safety light guards.

GUARDS/DECALS: All moving parts guarded. Full set of safety decals.

PAINT: Orange, polyester powder coat paint provides excellent outdoor weatherability and offers protection against ultraviolet discoloration. All parts painted separately.


DIMENSIONS: Length: 11’
Width: 5’ 5”
Height: 7’ 7”
Weight: 3,840 lbs.