

Debarkers

Primary Breakdown

Secondary Breakdown

Lumber Handling

Planing Systems

Residual Processing ◀

Forano Disc Chipper

48" – 58" – 66" – 75"



The USNR Forano Disc Chipper is available in four sizes and three configurations to meet your specific wastewood processing requirements. Each model can also accommodate bottom, rear, and top discharge for maximum flexibility.

Horizontal Feed Chipper

The most basic configuration processes logs and wastewood slabs without requiring a special installation layout.

Drop Feed Chipper

Gravity feeding handles high volumes of round logs or trim blocks. The spout helps align the material and packs it tightly together to produce high-quality chips.

"J"-Spout Chipper

This is essentially a high-capacity wastewood chipper equipped with a very short spout. Its large "J"-shaped opening is generally fed by a vibrating conveyor that provides automatic self-feeding even through the most difficult surges.

DISC CHIPPER

Forano Disc Chipper

Consistently Uniform Chips – Proven Chipping Technology

Spout and Frame

- ▶ Aligned frame and spout made from thick reinforced welded steel plates with CNC-machined interface/mounting surfaces
- ▶ Replaceable and long-lasting high-strength anti-abrasion steel wear plates and hardened tool-steel anvils
- ▶ High-strength anti-abrasion steel cover with embedded sliding panels for easy access and knife replacement
- ▶ Three available discharge types: bottom (std), rear, or top

Disc and Knife System

- ▶ Stable, vibration-free, precise, and resistant disc
- ▶ CNC-machined high-quality steel plate, stress relieved and dynamically balanced
- ▶ Replaceable sectional wear plates
- ▶ Long lasting and easy-to-handle, One-Man-type knife holding system
- ▶ Snug fitting steel-alloy counter-knives and clamps
- ▶ Compatible with traditional or disposable knife systems

Shaft

- ▶ Oversized tapered shaft supported by two heavy-duty spherical roller pillow block bearings
- ▶ Fully CNC-machined from 4140 heat-treated steel

DISC CHIPPER



Kick-out anvil



Top discharge with sliver spout



"J" spout

Chipper Model		48" (1)	58"	66"	75"	75" (2)
Maximum log diameter		11"	15"	17"	18"	22"
Diagonal opening of Horiz./Vert. spout		24½"	28¾"	32½"	29½"	34¾"
Diagonal opening of "J" spout		N/A	38½"	43¾"	47"	N/A
Required motor for chippers processing softwood/hardwood	4-knife	100/150 HP	150/200 HP	N/A	N/A	N/A
	6-knife	150/200 HP	200/250 HP	250/350 HP	350/500 HP	500/700 HP
	8-knife	200/250 HP	250/300 HP	350/500 HP	500/700 HP	700/900 HP
Maximum disc rotation speed		900 RPM	750 RPM	650 RPM	575 RPM	575 RPM
Typical production (tons/hr): softwood, ¾" chip length, 15% logs	4-knife	25	35	N/A	N/A	N/A
	6-knife	35	55	60	65	90
	8-knife	45	75	80	85	120
Knife length		14¾"	17¾"	10¾" (2)	11¾" (2)	11¾" (2)
Approximate weight of Horiz./Vert. spout		6,000 lbs	7,500 lbs	11,500 lbs	15,500 lbs	15,500 lbs
Approximate weight of "J" spout		7,000 lbs	9,500 lbs	14,000 lbs	19,000 lbs	N/A

(1) The 8-knife disc is 50" in. diameter.

(2) Log chipper

Millwide. Worldwide.

USNR