

PIERCE PACIFIC MANUFACTURING, INC.



PIERCE PACIFIC

TREE
HARVESTERS

PTH 20XL
PTH 24XL

Two powerful forces in nature.



"PIERCE BUILT, PIERCE BACKED."

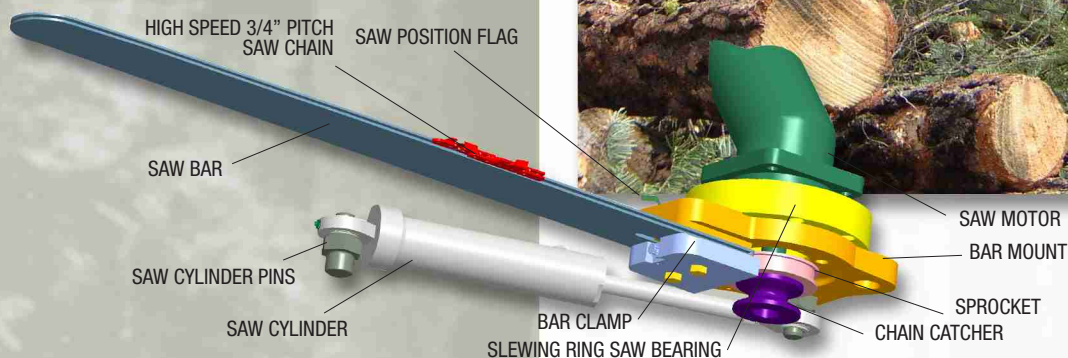
FOR SHEER ACCURACY, OUR HARVESTERS STAND ALONE.

The superior design of our PTH 20XL and PTH 24XL Tree Harvesters allow for easy harvesting at the stump or processing from a log deck. An independent measuring wheel circuit and superior pulse signal resolution offer unprecedented accuracy and maximum log utilization. And with power exceeding 12,000 pounds of feed force, Pierce Harvesters offer the highest output in their class.

At the stump, our harvester heads' heavy-duty hanging bracket, 3/4" pitch butt saw system and 340° rotation capability make felling faster and more efficient. Export quality delimiting knives, powerful feed rollers and the .404 pitch top saw, make final delimiting and bucking simpler, too. Processing from a log deck is just as easy. Bi-directional delimiting knives are extended at the tips to make for easy picking from any log deck. Either way you work, you can count on Pierce Harvesters to rise above anything else out there. Including your highest expectations.

PIERCE 3/4" PITCH SAW SYSTEM

Used on all Pierce Harvester Heads,
Delimiters and Bar Saw.





PTH 20XL TREE HARVESTER	
WEIGHT	4,750 LBS.
FELLING & CUTTING	
MAX. CUT DIAM. (TOP)	16"
MAX. CUT DIAM. (BUTT)	28"
CHAIN TYPE (TOP)	.404 PITCH
CHAIN TYPE (BUTT)	3/4" PITCH
FEED SYSTEM	
FEED FORCE	12,630 LBS.
FEED SPEED	0-16 FT./SEC.
MAX. DELIMBING DIAM.	24"
MAX. FEED ROLL OPENING	24"
ROTATION	340°

PTH 24XL TREE HARVESTER	
WEIGHT	6,500 LBS.
FELLING & CUTTING	
MAX. CUT DIAM. (TOP)	20"
MAX. CUT DIAM. (BUTT)	32"
CHAIN TYPE (TOP)	.404 PITCH
CHAIN TYPE (BUTT)	3/4" PITCH
FEED SYSTEM	
FEED FORCE	12,870 LBS.
FEED SPEED	0-16 FT./SEC.
MAX. DELIMBING DIAM.	32"
MAX. FEED ROLL OPENING	32"
ROTATION	340°

WHAT MAKES THE PTH 20XL AND PTH 24XL HARVESTERS TOPS IN THEIR CLASS?

- ▶ Independent measuring circuit maintains steady pressure on the measuring wheel, even when other functions such as the drive wheels, are activated.
- ▶ Offers superior resolution for precision measurements.
- ▶ Quick change feature available for quick and easy switch to grapples.
- ▶ Heavy duty frame and hanging bracket assure superior structural life.
- ▶ 60,000 lbs. rotate bearing utilized on all Pierce Harvester Heads.
- ▶ 3/4" pitch butt saw system and .404 pitch top saw system comes standard on every PTH 20XL and PTH 24XL.
- ▶ Variable displacement drive motors offer speed/torque when required, and in both directions.
- ▶ Butt plate mounted processing knife option offers superior delimiting quality.
- ▶ Completely enclosed photoeye is protected from the extreme elements of oil, snow, debris, etc.
- ▶ Variable "head tilt angle and hold" function offers superior head control on windfalls, downhill grades and high decking.
- ▶ Steel wheels and two styles of rubber/chain wheel configurations are available.
- ▶ Every installation is overseen by Pierce hydraulic and electrical engineers to make sure equipment runs at maximum efficiency...right out of the box.

PIERCE FULL SCALE MEASURING SYSTEM

THE INDUSTRY'S MOST ADVANCED AND ACCURATE MEASURING SYSTEM

Stop-on-mark technology (No searching)
 Consistent within all Pierce mechanized logging equipment
 Tree optimization produces maximum value with minimum waste
 Rugged, time-tested platform
 Easy to use and customize
 Downloadable processing report and diagnostic troubleshooting
 Constant diameter readout
 Pierce designed and supported



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