

PIERCE PACIFIC MANUFACTURING, INC.



PIERCE PACIFIC

**FORESTRY
BOOMS**

Efficiency within reach.



"PIERCE BUILT, PIERCE BACKED."

WE GO TO GREAT LENGTHS TO IMPROVE YOUR PRODUCTIVITY.

Pierce Forestry Booms are the toughest, most efficient — and most reliable — booms on the market today. We design and manufacture each one ourselves, which allows you to order a boom specially-engineered to accommodate your machine make and model. And because our booms are Pierce built, you can count on getting a top quality product with full product support and fast delivery on all service parts. Three more reasons why Pierce logging booms have set the standard in the woods for years.

PIERCE LIVE HEEL FORESTRY BOOMS

The efficient design of Pierce live heel forestry booms offer maximum working range and lifting capacity with optimum weight distribution and cylinder size. These hard-working booms can be engineered to accommodate special applications or length requirements, from shovel logging and loading, to mill yard unloading and sorting. Solid construction makes them last longer to extend your productivity even more.



PIERCE PACIFIC FORESTRY BOOMS EXTEND YOUR POSSIBILITIES.

- ▶ Pierce Forestry Booms maximize power for greater payload capacity, speed for increased cycle times, and length for longer reach.
- ▶ Pierce experience: OEM supplier.
- ▶ High strength, low alloy materials yield maximum strength-to-weight ratio, maximizing your payload.
- ▶ Cylinder and boom mount ears are made of tough T-1 steel.
- ▶ Pins are oversized and induction-hardened for longer service life.
- ▶ Parflanged tubing and centralized lubrication.
- ▶ All boom sections are engineered, designed and built using the latest computer-aided design and manufacturing techniques.
- ▶ Our attachment division offers a complete line of forestry work tools.
- ▶ Our turnkey division features a full line of guarding, cab and undercarriage modifications.

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	20-21 M.T.		23-24 M.T.		25-29 M.T.		33-35 M.T.		37 M.T.	
LIVE HEEL	36'		38'		40'		42'		44'	
BUTT N' TOP	34'		36'		38'		40'		41'	

Alternate boom lengths and additional customization available upon request. Machine sizes not listed are available as forestry machines upon request.



PIERCE BUTT N' TOP FORESTRY BOOMS

Butt n' Top Forestry Booms are built with Pierce quality and strength in optimum lengths to accommodate the use of a Butt n' Top or Powerclam Grapple .



PIERCE SPECIALTY FORESTRY BOOMS AVAILABLE.

- ▶ Special lengths/configurations are available that machine manufacturers, who offer the complete forestry package, cannot supply.
- ▶ High decking configuration: top mount heel cylinder and/or top mount stick cylinder.
- ▶ 3 piece Millyard Configurations.
- ▶ Harvester/Processor Booms optimally designed for thinning and processing.
- ▶ Pulpwood and Knuckle Booms where a Live Heel is not required.

PIERCE PROCESSOR/HARVESTER BOOMS

Pierce Harvester/Processor booms are engineered to work with any processor/harvester head model in the field. Each are designed to maximize your working range and capacity for thinning, clear cutting and processing with any harvester head.

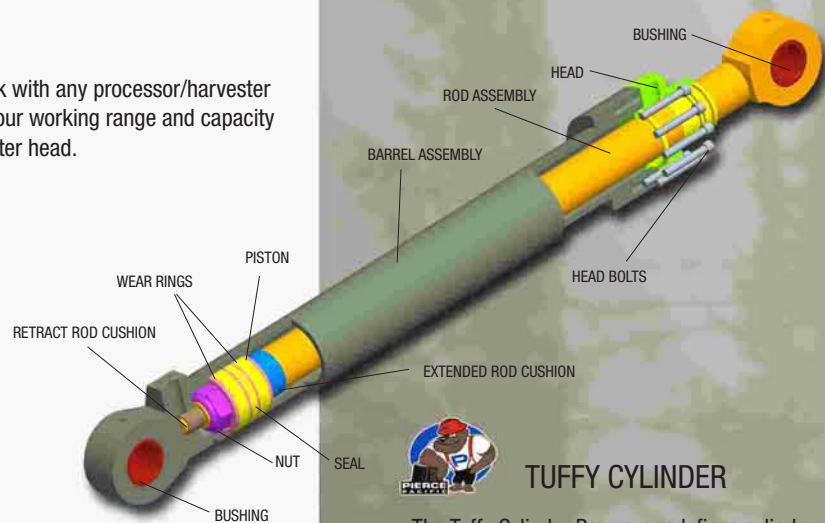
TWIN CYLINDER HYDRAULIC FORESTRY GRAPPLES



Pierce Forestry Grapples feature optimum leg shape for big wood, tight grapple closure for superior small log control, load check valves to eliminate the risk of dropping your payload and heavy duty legs that possess the optimum shape for shovel logging, loading, unloading and sorting.

GRAPPLE MODEL

TC46 TC52 TC58 TC60 TC66 TC68
Alternate sizes and a selection of various leg shapes available upon request



TUFFY CYLINDER

The Tuffy Cylinder Program redefines cylinder performance for extreme logging applications through superior design, analysis, and manufacturing processes. Forestry operations demand performance that standard OEM cylinders cannot offer. Our design maximizes machine performance by increasing power, speed, payload capacity and range of motion in the woods where work is executed at or above ground level. All Pierce cylinders are thoroughly inspected and tested for quality and assembly requirements prior to shipment and installation. Look for Pierce Forestry Booms with Tuffy Cylinders to maximize your production.



COMPLETE FORESTRY CONVERSIONS

Our turnkey package includes:

- ▶ Complete High/Wide undercarriage conversion
- ▶ Heavy Duty Track Frames and Roller Assemblies
- ▶ Heavy Duty Swivel Guard
- ▶ Heavy Duty Rock Guards
- ▶ Machine specific Upper Guarding includes:
 - HD right hand corner guard
 - Fixed, manual or hydraulic tilt Cab Riser (8"–120") and Cab Guard
 - Catwalks and Underhouse Guards
 - HD Pump and Radiator Doors
- ▶ Counterweight
- ▶ Custom lighting
- ▶ Stick cylinder guard
- ▶ Hoist cylinder guard
- ▶ Side or Rear Entry Forestry Cabs
- ▶ O.E.M. quality finish work and paint
- ▶ Additional Custom Guarding Available



FORESTRY GRAPPLES



BRUSH RAKES



HARVESTER/
PROCESSOR HEADS



MONOBOOM/
TELESCOPIC
DELIMBERS



FELLING GRAPPLES



CUSTOM/SPECIALITY
GUARDING



YARDING/WINCH
PACKAGES

THE PIERCE PROMISE

Like all custom-built Pierce products, once it's delivered we stand by it all the way. Our unparalleled product support and customer service includes onsite training and troubleshooting, stocked warehouses, after hours pickup and emergency overnight delivery. Our professional service technicians are at your service 24 hours a day, every day, to make sure your jobs stay on track and on schedule. Quality from the drawing board to the bottom line. That's what "Pierce built, Pierce backed" is all about.

GET A PERFECT FIT WITH FINITE ELEMENT ANALYSIS

Finite Element Analysis (FEA), combined with computer-aided motion analysis software, allows for fully associative drafting which assures a precise fit of every part and component we fabricate. Simply put, Pierce is able to design, "build", assemble, simulate and test forestry booms structures before any manufacturing takes place. And, as an Allied Equipment Manufacturer, our engineering team works directly with excavator manufacturers to assure complete and error-free integration of Oall OEM/Pierce equipment.



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