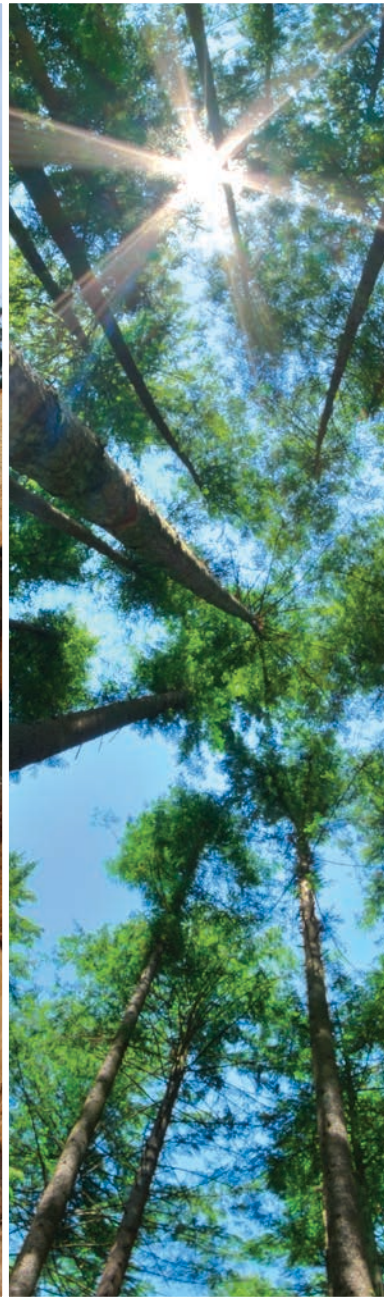
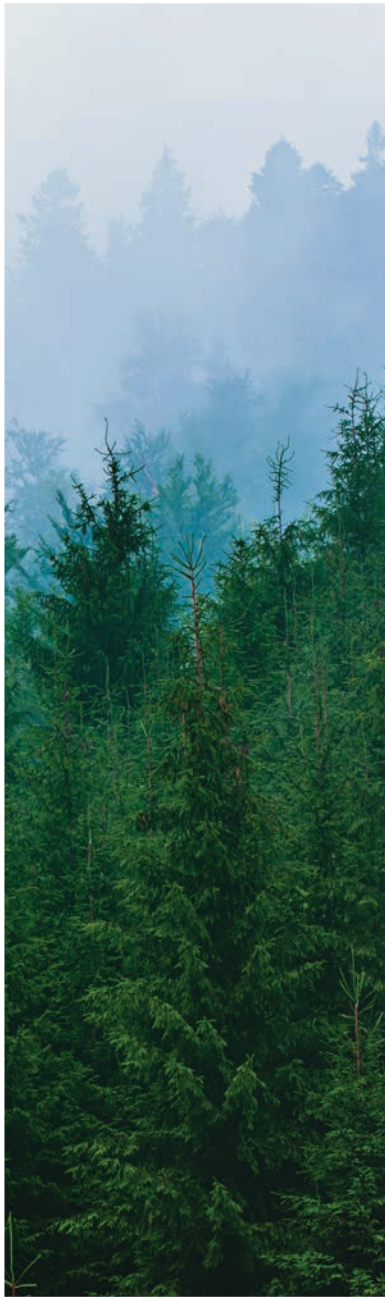


FORESTRY PRODUCTS DELIMBERS



PIERCE

A large pile of cut logs, showing the circular cross-sections of the wood, dominates the foreground. The logs are stacked in a somewhat haphazard manner, with some showing the bark and others showing the smooth, light-colored wood. In the background, a dense forest of tall, dark evergreen trees stretches towards a cloudy sky. The overall scene is a natural, outdoor setting, likely a logging site or a forest clearing.

DELIMBERS

MAKE THE ROUGH WORK ROUTINE.

Put your toughest jobs on automatic with these delimiters. Got big timber? Bring it on. With their tough-as-nails frames, massive drive power, and precision cutting, our delimiters bring new meaning to the word productivity. If you're looking for accurate measurements, multiple sorting capabilities, and multi-stem processing, look no further than Pierce and Denharco delimiters.

PIERCE – DELIMBERS

PD5500M

A STROKE OF GENIUS.

The new PD5500M delimber represents the best of both worlds: the design integrity of industry leading Pierce and Denharco stroke delimbers, plus the genius of new cutting edge processing technology.

Introducing wireless communication! Instead of transmitting information through a cable that can easily be damaged, send it right to the head wirelessly. The PD5500M has even more features to help you work safely and productively. Including a safe and simple cab-operated transport system. A hydraulic wedge locking system for added engagement between tunnel and carriage. Curtain-style hose hangers minimize hose damage. And, LED work lights illuminate your work zone.

Maximum value. Minimum waste. Premium design. That's the PD5500M.

DIMENSIONS:		PD5500M
MINIMUM REACH	13' 6"	4.11 m
MAXIMUM REACH	49' 4"	59' 4"
TAIL SWING	40' 1"	12.22 m
TRANSPORT HEIGHT	MACHINE DEPENDANT	
MAXIMUM DECKING HEIGHT	11' 7"	3.53 m
WEIGHT*	24,400 lb	11,091 kg
DELIMBING		
DELIMBING CAPACITY	22"	56 cm
HANDLING CAPACITY (TUNNEL DIAMETER)	32"	81 cm
SAW SYSTEMS		
TOPPING SAW (3/4" PITCH): CUTTING CAPACITY	25"	64 cm
CARRIAGE BUTT SAW (3/4" PITCH): CUTTING CAPACITY	34"	86 cm
BOOM DRIVE SYSTEM		
WINCH DRIVE (VARIABLE DISPLACEMENT MOTOR WITH BRAKE)		
BOOM SPEED	14 ft/sec	4.3 m/sec
HORIZONTAL PULLING FORCE	10,000 lb	44.5 Kn
HORIZONTAL PULLING FORCE WITH POWERPULL	13,000 lb	57.8 Kn
RECOMMENDED CARRIER SPECIFICATIONS		
MACHINE SIZE (IN M.T.)	20-30	
HYDRAULIC PRESSURE	4,500 psi	
REQUIRED FLOW	2x50-60 GPM	2x170-225 l/min

*INCLUDES: TOP AND BUTT SAWS, BUTT PLATE, TRANSPORT POSITIONING, HOIST CYLINDERS.
FEATURES AND TECHNICAL DATA MAY VARY WITHOUT NOTICE.



DELIMBERS: PD5500M

MODEL PD5500 DM4150 DT4150

STRUCTURAL			
Heavy duty delimbing head.	X	X	X
Carrier specific baseboom with 32" tunnel.	X	X	X
Extreme duty joint between tunnel & carriage.	X	N/A	N/A
Heavy duty joint between tunnel & carriage.	N/A	X	X
Increased distance between carriage rollers increases boom life.	X	X	X
Retractable butt plate (standard equipment).	X	X	X
High strength 12" x 12" monoboam.	X	X	X
High strength 6" x 8" inner boom.	N/A	N/A	X
Floating trough with support roller minimizes damage to long, valuable stems.	X	X	X
Expandable carriage pin.	X	N/A	N/A
Expandable main pin replaces OEM main pin for tighter engagement.	X	X	X
ARMS			
Export quality, cast 'mono-stem' delimb arms for large single stem processing.	X	X	Optional
Cast 'multi-stem' delimb arms for multiple stem processing.	N/A	Optional	X
Bolt-on delimb arms for easy replacement.	N/A	X	X
Delimb knives with removable blades.	N/A	X	X
Forward front delimb arm positioned only inches from top saw eliminates slabbing.	X	N/A	N/A
Delimb arms center log properly in trough.	X	X	X
Heavy duty rear hold arms.	X	X	X
SAW SYSTEMS			
Supercut .404 top saw systems with auto-tensioning & saw safeties.	N/A	X	X
Topping knives.	N/A	N/A	Optional
Supercut .404 butt saw with auto-tensioning & saw safeties.	N/A	Optional	Optional
Supercut .404 butt saw on the head with auto-tensioning & saw safeties.	N/A	Optional	Optional
Supercut 3/4 pitch top and butt saw systems with auto-tensioning & saw safeties.	N/A	Optional	N/A
3/4 pitch top & butt saw systems with manual tensioning.	X	N/A	N/A
Saw-to-saw saves rehandling with the butt saw positioned behind the hold arms.	X	X	X
Swing-out top saw door designed for simple saw maintenance.	X	X	X
DRIVE SYSTEM			
Powerful, quiet & easy to maintain winch drive system with parking brake & auto-tensioning.	X	X	X
Parking brake is activated when saws are activated - eliminating bent bars.	X	X	X
Variable displacement drive motor.	X	X	X
Powerpull enables momentary increase in boom power.	X	X	X
Curtain-style hose hangers & heavy duty support cables.	X	X	N/A
Central support cable adjustment assures equal tension on each cable.	X	N/A	N/A

MODEL PD5500 DM4150 DT4150

ROLLERS			
Tandem rollers on carriage.	X	X	N/A
Adjustable horizontal rollers on carriage.	X	X	N/A
Adjustable vertical rollers on carriage.	X	X	N/A
Single horizontal rollers on main boom & carriage.	N/A	N/A	X
Tandem horizontal rollers on main boom & carriage.	N/A	N/A	Optional
Fixed horizontal roller on telescopic boom.	N/A	N/A	X
Adjustable horizontal roller on telescopic boom.	N/A	N/A	Optional
Adjustable vertical slide blocks on carriage and main boom.	N/A	N/A	X
Adjustable vertical rollers on carriage and main boom.	N/A	N/A	Optional
TRANSPORTATION			
Manual transportation system.	N/A		
Hydraulic transportation system.	X	Optional	Optional
Hydraulic wedge lock & sheave positioning transport system - all controlled from inside cab (only manual adjustment required is unpinning the trough).	X	N/A	N/A
ELECTRICAL SYSTEM			
Plus1 Control System with control handles.	X	X	X
Real-time tailswing distance display on monitor.	X	N/A	N/A
Wireless communication between cab & head - no more cable running down the boom.	X	N/A	N/A
Proportional soft clamp.	X	N/A	N/A
LED work lights on carriage.	X	X	X
Initiate measuring using photocells (located in trough for automatic positioning) or buttplate.	X	N/A	N/A
Length Detector allows for simple length measuring.	N/A	Optional	Optional
PIERCE SUPPORT allows remote access to your machine.	X	X	X
HYDRAULIC SYSTEM			
Automatic stroke-end speed reducer.	X	X	X
Protected, enclosed delimbing head hydraulics.	X	X	X
Shockless relief system designed to cushion hydraulic over pressures.	X	X	X
Centralized lubrication system.	X	N/A	N/A
Twin 3 1/2" delimb arm cylinders.	X	N/A	N/A
4" delimb arm cylinders.	N/A	N/A	X
4 1/2" delimb arm cylinders.	N/A	X	N/A
3" diameter cushioned hold arm cylinders.	N/A	Optional	X
4" diameter cushioned hold arm cylinders.	X	X	Optional
Lock valves on delimb & hold arm cylinders.	X	X	X



DELIMBERS: DM4150 & DT4150

THE POWER IS HERE.

Pierce and Denharco stroke delimiters are just the versatile powerhouses you need when working with heavy limbs, irregular wood, multiple sorts and large diameter tree species. These delimiters are uniquely cut out for the rigors of North American logging. They are resilient in less-than-ideal conditions and maintenance practices, offer maximum value with minimum waste, and are known to perform in excess of 30,000 hours under punishing conditions.

DIMENSIONS:	DM4150		DT4150	
MINIMUM REACH	13' 6"	4.11 m	4' 10"	4.52 m
MAXIMUM REACH	49' 4"	59' 4"	59' 4"	59' 4"
TAIL SWING	40' 1"	12.22 m	28'	8.53 m
TRANSPORT HEIGHT	MACHINE DEPENDANT			
MAXIMUM DECKING HEIGHT	11' 7"	3.53 m	11' 11"	3.63 m
WEIGHT(IN OPERATING MODE)	24,400 lb	11,091 kg	25,250 lb	11,477 kg
DELIMBING				
DELIMBING CAPACITY	22"	56 cm	24"	61 cm
HANDLING CAPACITY (TUNNEL DIAMETER)	32"	81 cm	32"	81 cm
SAW SYSTEMS				
TOPPING KNIVES: CUTTING CAPACITY	NA	NA	8"	20 cm
TOPPING SAW (.404"): CUTTING CAPACITY	24"	61 cm	21"	53 cm
TOPPING SAW (3/4" PITCH): CUTTING CAPACITY	25"	64 cm	NA	NA
BUTTING SAW ON DELIMBING HEAD (.404")	24"	61 cm	26"	66 cm
CARRIAGE BUTT SAW (3/4" PITCH): CUTTING CAPACITY	34"	86 cm	34"	86 cm
BOOM DRIVE SYSTEM: WINCH DRIVE (VARIABLE DISPLACEMENT MOTOR WITH BRAKE)				
BOOM SPEED	14 ft/sec	4.3m/sec	14 ft/sec	4.3m/sec
HORIZONTAL PULLING FORCE	10,000 lb	44.5 kN	7,500 lb	33.4 kn
HORIZONTAL PULLING FORCE WITH POWERPULL	13,000 lb	57.8 kN	9,000 lb	40.0 kn
RECOMMENDED CARRIER SPECIFICATIONS				
MACHINE SIZE (IN M.T.)	20-30		20-30	
HYDRAULIC PRESSURE	4,500 psi		4,500 psi	
REQUIRED FLOW	2X50-60	2X170-225 l/min	21.4 kn	





Pierce Pacific Manufacturing, Inc.

4424 NE 158th
Portland, Oregon 97230 USA

Post Office Box 30509
Portland, Oregon 97294 USA

Telephone: 503.808.9110
Toll Free: 800.760.3270
Fax: 503.808.9111

www.piercepacific.com

