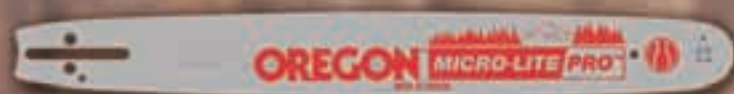


# Lean, mean cutting team



Micro-Lite™  
narrow-kerf  
bar-chain  
systems  
from  
Oregon®



*The world leader in chainsaw cutting attachments*

# WHAT IS MICRO-LITE™?

Micro-Lite™ is the name for the lean, mean narrow-kerf chains and narrow-kerf guide bars from Oregon®.

The advantage of using a leaner narrow-kerf cutting system is that it requires less power from the saw to make the same length of cut. The "kerf" is the groove-shaped channel that is formed while the saw makes its cut. By cutting a narrower kerf, the saw does not have to remove as much wood.



When your saw is equipped with a lean, mean Micro-Lite™ bar and chain from Oregon®, it won't have to use as much power – won't have to work as hard – to make the same cut as it would if it were equipped with a standard bar and chain.

This circular symbol identifies Micro-Lite™ narrow-kerf chains and bars



The upper portion of the symbol represents the narrower kerf that is cut by the new generation of Micro-Lite™ chains and bars. The lower portion represents both the standard-size kerf, and the preceding products that made the development of today's Micro-Lite™ cutting attachments possible. The symbol appears on Micro-Lite™ bars and Micro-Lite™ chain packaging. Look for it when you want a lean, mean narrow-kerf cutting system from Oregon®.

Always use a Micro-Lite™ bar with a Micro-Lite™ chain. Here's why:

To help a Micro-Lite™ chain cut its narrower kerf, Micro-Lite™ bars are built slightly thinner than standard bars. If Micro-Lite™ chain is run on a standard bar, there may be hang-ups during the cut. And if standard chain is run on a Micro-Lite™ bar, all the performance advantages of cutting a narrower kerf will be lost. Narrow-kerf cutting is a team effort, a Micro-Lite™ bar working together with a Micro-Lite™ chain.

## MICRO-LITE™ BARS AND CHAINS COME IN TWO CONFIGURATIONS:

- .325" Pitch / .050" Gauge
- 3/8" Pitch / .043" Gauge



### .325" Micro-Lite™ chains – 95VP and 95R

95VP is a general-purpose chain for most kinds of cutting. 95R is a specialized chain for making ripping cuts.



95VP is primarily intended for commercial woodcutters or for occasional use, but it is also an excellent chain for professional cutters who prefer .325"-pitch saws.

95R chain is specifically designed to make ripping cuts (cutting parallel with the wood grain). Ripping cuts are usually performed with special saws adapted for cutting dimensional boards from larger timbers.

### 95VP / 95R chains – uses, features, and safety



Professional Use



Commercial Use



95VP and 95R are intended for saws from 2.2 - 2.8 cubic inches (38-62cc), with bars from 13" - 20" (33-50cm).



95VP is a reduced-kickback chain that meets the low-kickback performance requirements of ANSI B175.1 when tested with Oregon® Micro-Lite™ bars on certain saws. 95VP may not meet the low-kickback requirements when used with other saws or bars.



Low-vibration chassis for added safety



Helps keep more oil on the chain



Carries oil around the bar's full length



95R does not meet the ANSI performance requirements for a low-kickback chain. 95R should be used only by those with extraordinary cutting needs, and who have experience and specialized training for dealing with chainsaw kickback.

### .325" Micro-Lite™ bars:

Narrow-kerf bars for .325"-pitch saws come in two types:

- **Micro-Lite™ "MLB" bars**  
A general-purpose bar for most types of cutting
- **Micro-Lite™ Pro "MPB" bars**  
An upgraded bar intended for professional users



Regular Micro-Lite™ bars ("MLB" part numbers) are primarily intended for occasional use, but are also an excellent bar for many commercial uses.



Micro-Lite™ Pro bars ("MPB" part numbers) are built with many of the advanced features of our popular Pro-Lite® bars and are intended for heavier use by commercial and professional woodcutters.



In 3/8" pitch, Oregon® takes the narrow-kerf concept one step further through the use of an extra-lean, extra-narrow .043" gauge dimension.

### 3/8" Micro-Lite™ chain – 90SG

90SG has an extra-narrow .043" gauge that enhances all the advantages inherent in narrow-kerf cutting. It is an excellent chain not only for occasional users but also for commercial users who need the lightest and most maneuverable chainsaw available. 90SG is a low-kickback chain with many value-enhancing features, as shown in the next column.



**SPECIAL NOTE:** Never run .043"-gauge 90SG chain on a .050"-gauge bar. Use 90SG only with .043"-gauge Micro-Lite™ "MLE" bars

### 90SG chain – uses, features, and safety



90SG is intended for use on electric saws with bars up to 16" (41cm), or on gasoline saws up to 2.4 cubic inches (40cc), with bars up to 14" (35cm).

**!** 90SG is a reduced-kickback chain that meets the low-kickback performance requirements of ANSI B175.1 (USA) and CSA Z62.3 (Canada).



Advanced, twin-corner cutter design



Low-vibration chassis for added safety



Helps keep more oil on the chain



Carries oil around the bar's full length



Makes sharpening the chain easier

### 3/8" Micro-Lite™ bars:

Extra-narrow .043"-gauge bars for use with 90SG chain are available as regular Micro-Lite™ bars ("MLE" part numbers) either with or without the Intenz® chain-tensioning feature (described below).



### 3/8" Micro-Lite™ bars with the Intenz® internal chain-tensioning feature

These bars have a chain-tensioning mechanism built right into the bar itself, making it faster, easier, and safer to tension your chain from the side of the bar.



See the back page for a list of bar motor mounts and saw brands that can be fitted with Oregon® Micro-Lite™ cutting attachments.



**Micro-Lite™ Bars are available in these motor mounts to fit selected models of these saw brands:**

Oregon® Motor Mount No.	Saw Brands
A041/K041/*T041	Allis Chalmers/Dayton, Dolmar, Echo, Green Machine, Husqvarna, John Deere, Jonsered, Makita, Poulan, Redmax, Sears, Shindaiwa, Skil, Tanaka
A095/K095/*T095	Alpina/Castor, Dolmar, Fairmont, Husqvarna, Jonsered, Makita, McCulloch, Olymptk, Partner, Pioneer, Poulan, Redmax, Solo, Stanley
A074/*T074	Stihl
A218	Power Pruner, Redmax, Tanaka

\* Motor mount numbers T041, T074 and T095 identify bars with the Intenz® internal chain-tensioning feature.



**3/8" Micro-Lite™ bars:**

Extra-narrow .043"-gauge bars for use with 90SG chain are available as regular Micro-Lite™ bars ("MLE" part numbers). Motor mount numbers "T041," "T074," and "T095" identify bars with the Intenz® tensioning feature.

**3/8" Micro-Lite™ "MLE" Bars and 90SG Chain Drive-link Counts**

Bar Part Number	Drive-link Count	Sprocket Tooth Count	Bar Part Number	Drive-link Count	Sprocket Tooth Count
104 MLE A218	/ 39	/ 7T	144 MLE A041	/ 52	/ 6T
124 MLE A041	/ 46	/ 7T	144 MLE A074	/ 50	/ 7T
124 MLE A074	/ 44	/ 7T	144 MLE A095	/ 52	/ 6T
124 MLE A218	/ 44	/ 6T	144 MLE T041	/ 52	/ 6T
			144 MLE T095	/ 52	/ 6T
			164 MLE A041	/ 56	/ 6T
			164 MLE T074	/ 55	/ 6T

**Understanding the Oregon® end-use symbols**

These symbols identify the general category of use for which each Oregon® product is intended.

**Professional Chainsaw Use**



- Big-timber loggers
- Pulpwood loggers
- Forest firefighters

**Commercial Chainsaw Use**



- Arborists, orchardists, landscapers, and tree surgeons
- Utility workers and construction workers
- Farmers
- Commercial thinners

**Consumer Chainsaw Use**



- Homeowners
- Campers & hunters
- Occasional fire-wood cutters



**.325" Micro-Lite™ bars:**

Narrow-kerf bars for use with 95VP or 95R chain are available as regular Micro-Lite™ bars ("MLB" part numbers, for occasional use), or as Micro-Lite™ Pro bars ("MPB" part numbers, for commercial or professional use).

**.325" Micro-Lite™ "MLB" Bars and 95VP / 95R Chain Drive-link Counts**

Bar Part Number	Drive-link Count	Sprocket Tooth Count	Bar Part Number	Drive-link Count	Sprocket Tooth Count
130 MLB K041	/ 56	/ 7T	160 MLB K041	/ 66	/ 7T
130 MLB K095	/ 56	/ 7T	160 MLB K095	/ 66	/ 7T
150 MLB K041	/ 64	/ 7T	180 MLB K041	/ 72	/ 7T
150 MLB K095	/ 64	/ 7T	180 MLB K095	/ 72	/ 7T
			200 MLB K095	/ 78	/ 7T

**.325" Micro-Lite™ Bar-and-Chain Combo Packs**

Combo Pack Part Number	Bar Part Number	Chain Part Number	Drive-link Count	Sprocket Tooth Count
108579	160 MLB K095	95VP	66	7T
108580	180 MLB K095	95VP	72	7T
108581	200 MLB K095	95VP	78	7T

**.325" Micro-Lite™ Pro "MPB" Bars and 95VP / 95R Chain Drive-link Counts**

Bar Part Number	Drive-link Count	Sprocket Tooth Count	Bar Part Number	Drive-link Count	Sprocket Tooth Count
130 MPB K041	/ 56	/ 7T	180 MPB A074	/ 68	/ 7T
130 MPB K095	/ 56	/ 7T	180 MPB K041	/ 72	/ 7T
150 MPB K041	/ 64	/ 7T	180 MPB K095	/ 72	/ 7T
150 MPB K095	/ 62	/ 7T	200 MPB K095	/ 78	/ 7T
160 MPB A074	/ 62	/ 7T			
160 MPB K095	/ 66	/ 7T			

For more information on chainsaw cutting attachments and accessories, or for chain and bar fit-up data, contact Oregon® as shown below, or your authorized Oregon® distributor, or visit the Oregon® website at [www.oregonchain.com](http://www.oregonchain.com).

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