

# CANNON<sup>®</sup>

SAW CHAIN GUIDE BARS

*"The Best Bar - Bar None!"<sup>®</sup>*



[www.cannonbar.com](http://www.cannonbar.com)

toll free: 1-888-604-9990

# HARVESTER 750 CHV

For Mechanized Log Harvesting and Processing



Made from titanium alloy wear plate for durability and wear resistance, that work hardens with use

Work hardening penetrates deep to allow for several rebuilds

Motor mounts available for a variety of common harvesting heads

3/4" pitch; .122 gauge

Replaceable sprocket nose



## HARVESTER 3/4 PITCH NUMBERING SYSTEM

| <div> <div>CHV</div> <div>-</div> <div>A5</div> <div>-</div> <div>30</div> <div>-</div> <div>12</div> <div>-</div> <div>5</div> </div> |              |   |            |            |
|--|--------------|---|------------|------------|
| TYPE CODE  | * MOUNT CODE | LENGTH CODE                                       | GAUGE CODE | PITCH CODE |
| CHV  | A5           | 30" 32" 34" 36"<br>38" 40" 43"                    | 12 = .122  | 5 = .750"  |
|  | F8           | 32"   |            |            |
|  | F9           | 33"   |            |            |
|  | J1           | 40" 43"   |            |            |
|  | J3           | 28"   |            |            |
|  | K5           | 34" 36" 38" 43"                                   |            |            |
|  | K7           | 34" 36" 38" 40"<br>41" 43" 45" 51"<br>55" 60" 72" |            |            |
|  | K8           | 45"   |            |            |
|  | K9           | 28" 31"   |            |            |
|  | N3           | 44" 49"   |            |            |
|  | N5           | 44"   |            |            |
|  | N7           | 32" 35"   |            |            |
|  | N9           | 43"   |            |            |
|  | Q1           | 43" 50"   |            |            |

\* Refer to **CANNON** Motor Mount Crossover Guide

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# HARVESTER 404 CHA

For Mechanized Log Harvesting and Processing



Power plus profile maximizes cutting power and chain speed while reducing damage from loose chain

Made from high strength chrome moly alloy steel

Precision honed groove and flame hardened rails

Motor mounts available for a variety of common harvesting heads

.404" pitch; .063 gauge, .080 gauge

Replaceable sprocket nose



## HARVESTER 404 PITCH NUMBERING SYSTEM

| <div> <div>CHA</div> <div>-</div> <div>A1</div> <div>-</div> <div>21</div> <div>-</div> <div>63</div> <div>-</div> <div>4</div> </div> |              |   |                        |            |
|--|--------------|---|------------------------|------------|
| TYPE CODE  | * MOUNT CODE | LENGTH CODE                                       | GAUGE CODE             | PITCH CODE |
| CHA  | A1           | 21" 23" 25" 27"<br>28" 28" 29" 31"<br>36" 39" 46" | 63 = .063<br>80 = .080 | 4 = .404"  |
|  | F1           | 29" 32" 36"                                       |                        |            |
|  | F2           | 29" 32" 36"                                       |                        |            |
|  | F3           | 26"   |                        |            |
|  | F4           | 24" 26"   |                        |            |
|  | F5           | 29"   |                        |            |
|  | N1           | 25" 29" 31" 55"                                   |                        |            |
| METRIC NOMINAL LENGTH<br>EQUIVALENTS   |              | 21" 54 cm   | 29" 75 cm              |            |
|  |              | 23" 59 cm   | 31" 80 cm              |            |
|  |              | 24" 60 cm   | 32" 82 cm              |            |
|  |              | 25" 64 cm   | 36" 90 cm              |            |
|  |              | 26" 67 cm   | 39" 100 cm             |            |
|  |              | 27" 68 cm   | 46" 117 cm             |            |
|  |              | 28" 71 cm   | 55" 140 cm             |            |

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# SLASHING BARS CSL

Double Ended Bars for Mechanized Cutting



Precision honed and centered grooves facilitate the chain riding square to the rail resulting in smoother and straighter cutting

Made from titanium alloy wear plate for durability and wear resistance, that work hardens with use

Work hardening penetrates deep to allow for several rebuilds

Motor mounts available for a variety of common slasher heads

3/4" pitch; .122 gauge

## **CANNON** SLASHING BAR NUMBERING SYSTEM

| CSL - E1 - 44 - 12 |                                  |  |            |       |
|--------------------|----------------------------------|--|------------|-------|
| TYPE CODE          | * MOUNT CODE                     | LENGTH CODE  | GAUGE CODE | PITCH |
| CSL                | E1<br>E4<br>E5<br>E9<br>L4<br>ST | 44" 51" 58"<br>58"<br>59"<br>65"<br>51" 58"<br>64" | 12 =.122   | .750" |

\* Refer to **CANNON** Motor Mount Crossover Guide

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# PACKAGE CUTTING BARS

## CPB

Double Ended Bars for Packaging and Bundle Cutting Saws such as L-M, Holtec and Pacific Trail



PackagePro is used on packaging and bundle cutting saws by shake and shingle, pallet and fencing companies, lumber remanufacturing companies

Made from high strength chrome moly alloy steel

Precision Stone Ground Groove

.063 gauge / .404" pitch and .080 gauge / .404" pitch

The .063 and .080 bars feature flame hardened rails; can be rebuilt up to six times at a fraction of the cost of a new bar

## **CANNON** PACKAGE BAR NUMBERING SYSTEM

| <div> <div>CPB</div> <div>-</div> <div>E1</div> <div>-</div> <div>84</div> <div>-</div> <div>80</div> </div> |              |                      |            |       |
|--|--------------|----------------------|------------|-------|
| TYPE CODE  | * MOUNT CODE | LENGTH CODE          | GAUGE CODE | PITCH |
| CPB  | E1           | 84"                  | 63 = .063  | .404" |
|  | E2           | 60" 72" 84" 96" 108" | 80 = .080  |       |
|  | HT           | 60" 72" 84"          |            |       |
|  | L2           | 132"                 |            |       |
|  | M2           | 80"                  |            |       |
|  | M3           | 80"                  |            |       |
|  | M4           | 63"                  |            |       |
|  | PU           | 83"                  |            |       |
|  | RT           | 66" 76"              |            |       |
|  | S9           | 59"                  |            |       |
|  | T1           | 83"                  |            |       |
|  | W2           | 64"                  |            |       |

\* Refer to **CANNON** Motor Mount Crossover Guide

# PACKAGE CUTTING BARS

## CPK

Double Ended Bars for Packaging and Bundle Cutting Saws  
such as L-M, Holtec and Pacific Trail




PackagePro is used on packaging and bundle cutting saws by shake and shingle, pallet and fencing companies

Crafted from 55 - 60 Rockwell C through hardened steel

.118 gauge / 15mm pitch and .122 gauge / 3/4 pitch

Can be rebuilt up to six times at a fraction of the cost of a new bar

## **CANNON** PACKAGE BAR NUMBERING SYSTEM

| <div>CPK - E2 - 60 - 12</div> <div></div> |                             |  |                         |                                   |
|---|-----------------------------|--|-------------------------|-----------------------------------|
| TYPE CODE   | * MOUNT CODE                | LENGTH CODE  | GAUGE CODE              | PITCH                             |
| CPK   | E2<br>E10<br>HT<br>L1<br>SP | 60" 72" 84" 96"<br>57"<br>60" 72" 84"<br>108"<br>84" | 118 = .118<br>12 = .122 | 15 mm for .118"<br>3/4" for .122" |

\* Refer to **CANNON** Motor Mount Crossover Guide

# MOTOR MOUNT CROSS OVER NUMBERS

| CANNON | OREGON     | GEM | GB   | IGGESUND |
|--------|------------|-----|------|----------|
| A1     | L104       | 2   | FM2  | 2701     |
| A1     | L114       | 4   | FM4  | 2701     |
| A5     | T146       | W3  | WB2  | W / WB   |
| E1     | 9136 / 136 | -   | CTR  | -        |
| E2     | 9137 / 137 | -   | -    | -        |
| E4     | 9155       | DE2 | CTW  | -        |
| E5     | 9191       | DE3 | -    | -        |
| E9     | -          | -   | -    | -        |
| E10    | -          | -   | -    | -        |
| F1     | B149       | UFW | FF2  | 2811     |
| F2     | L149       | UF  | HF2  | 2801     |
| F3     | B163       | UFW | FF2  | 2811     |
| F4     | L163       | UF  | FF2  | -        |
| F5     | D149       | -   | WF2  | -        |
| F8     | T227       | -   | -    | -        |
| F9     | T229       | -   | SKM  | -        |
| HT     | -          | -   | -    | -        |
| J1     | T222       | S1  | SBT  | -        |
| J3     | K187       | -   | -    | -        |
| K5     | T043       | T   | TM   | T        |
| K7     | T138       | K   | KE   | H        |
| K8     | -          | -   | -    | -        |
| K9     | K177       | -   | -    | -        |
| L4     | 9135       | SL2 | HY   | -        |
| N1     | N104       | 2W  | WM2  | -        |
| N1     | N114       | 2W  | WM4  | -        |
| N3     | T190       | -   | -    | -        |
| N5     | T210       | -   | SAT  | -        |
| N7     | T219       | -   | WBSM | 2710     |
| N7     | T219       | 4W  | WM2  | 2711     |
| N9     | T223       | -   | SAT  | -        |
| PU     | -          | -   | -    | -        |
| Q1     | T217       | -   | RCG  | -        |
| Q6     | T161       | PC1 | PAP  | P        |
| RT     | -          | -   | -    | -        |
| SP     | -          | -   | -    | -        |
| ST     | -          | -   | -    | -        |



# What Makes **CANNON**® *"The Best Bar - Bar None!"*®

All Cannon Bars are made from high grade, custom formulated, cold rolled and annealed steel, that has extra chromium for wear resistance and extra molybdenum for strength.

*"The Best Bar - Bar None!"*® NEEDS THE BEST STEEL TO MAKE IT LAST

From the raw steel, each bar is precisely **WATER JET CUT**, so that there are no Heat Affected Zones (HAZ).

Once the steel is cut, it is **HEAT TREATED**, oil quenched and press tempered to achieve just the right hardness for strength, durability, toughness and flexibility.

The hardened bars are carefully **STRAIGHTENED** and **SURFACE GROUND** to the ideal thickness.

Next, surface ground bars are **CNC MILLED**, leaving little margin for error. Different milling patterns are cut, depending on the style of tip that the bar is fitted with.

Once a bar is milled, it is put into the hands of our **MASTER BARMEN**, who give it Cannon's claim to fame, the **PRECISION HONED GROOVE**. Every bar has a true and centered groove that is accurate to within .003" of the desired gauge. It is this care, attention and skilled workmanship that really makes our bars stand out against the competition.

Next is the rail hardening. Using a proprietary **FLAME HARDENING PROCESS**, the bar rails are hardened to 5 points more than the tie straps on most models and brands of chain. This special hardening process penetrates much deeper than electric induction hardening and results in much longer bar rail life.

Longer bars are then **HEEL PRESSED** in order to reduce vibration and prevent premature cracking from vibration.

The bars are put through a **STRESS RELIEVING SYSTEM** in order to expel tension that builds up in the bars through all of the different processes. This step realigns the molecular structure to ensure that the bars will not be stressed and prone to premature cracking.

Finally the bars are ready for the finishing touches. Cannon applies the attractive brushed **GUNMETAL FINISH** to most of the bars. Some longer lengths and specialty bars still have Cannon's classic matte black painted finish. The bars are engraved with our identifying numbers and silk screened with our logo. They are now ready to be tipped, put through our **FINAL QUALITY ASSURANCE TESTS**, packaged and shipped to the customer.

There you have it, all the steps taken to ensure you are **GETTING...**

*"The Best Bar - Bar None!"*®

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## LIMITED LIFETIME WARRANTY

Cannon Bar Works Ltd. warrants its products to be free from defects in material or workmanship for as long as they are owned by the original end use purchaser. Cannon chainsaw bars are not warranted against improper maintenance or user abuse, including but not limited to, damage caused by improperly tensioned chain, prying, bore cutting and normal metal fatigue. This warranty is limited to repair or replacement of the product, solely at the discretion of Cannon Bar Works Ltd. and specifically excludes compensation for consequential or indirect damages of any kind whatsoever, including personal injury.

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