

GRAFTING SUPPLIES

PARAFILM M FILM

Originally made for use in laboratories to seal lab ware, Parafilm M has become a standard in the grafting industry. It provides waterproof, moisture proof protection for plant grafts. Can be stretched and folded around even sharp surfaces without rupturing. Comes in rolls, interlined with paper to prevent sticking – packaged in cardboard dispensing cartons.



PM996	4" x 125'	\$39.95 each
PM992	2" x 250'	\$39.95 each

TREEKOTE™ TREE WOUND DRESSING

Protects your shrubs, bushes, vines and trees from decay, insects and fungi. Apply to freshly pruned areas to shield tree wounds.

- Withstands all weather – hot, cold, wet and dry
- For patching damaged areas of trees and shrubs
- For use in tree surgery
- For propagating orchards
- For after grafting



00128	One Gallon Tub.....	\$26.95 each
	4+	\$24.50 each
00212	12 Ounce Aerosol Can	\$8.95 each
	12+	\$7.50 each
00016	16 Ounce Brush-top Plastic Container	\$7.50 each
00032	32 Ounce Brush-top Plastic Container	\$10.50 each

CLARK'S TREE WRAP

Protects your trees against sunscald, severe frosts, rodents, wind burn and lawn trimmers.

- Preserves moisture content of bark
- Prevents excessive dripping



00304	4" x 150'	\$12.50 each
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TROWBRIDGE'S GRAFTING WAX

- Seals grafts and keeps stems from drying out
- Helps new grafts resist disease



00001	1 lb. Package	\$9.50 each
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EATON BROTHERS RUBBER BUDDING STRIPS

These budding strips save time and labor because of faster application and no preparation time. They are easily and quickly attached, provide even pressure over entire bound area and expand with growth. Because of greater protection, the buds knit faster and a better stand is assured. They automatically loosen in a few weeks because they are self releasing.



8" LONG, 3/8" WIDE, .020 GAUGE:

17408	1 lb. Package (*450 strips)	\$24.50 each
17408-4	4 oz. Package (*112 strips)	\$8.50 each
17408-8	8 oz. Package (*225 strips)	\$12.50 each
17408-5LB	5 lb. Package (*2,250 strips).....	\$105.95 each

6" LONG, 1/4" WIDE, .020 GAUGE:

1124	1 lb. Package (*1,080 strips).....	\$24.00 each
1124-4	4 oz. Package (*270 strips)	\$7.50 each
1124-8	8 oz. Package (*540 strips)	\$11.50 each

5" LONG, 1/4" WIDE, .020 GAUGE:

1121	1 lb. Package (*1,700 strips).....	\$19.95 each
1121-4	4 oz. Package (*425 strips)	\$7.50 each
1121-8	8 oz. Package (*550 strips)	\$11.50 each

*Approximate number of strips

TREEKOTE™ COMPLETE TREE GRAFTING KIT

This kit comes with everything needed for the beginner or the experienced grafter – excellent for hobbyist and for educational purposes. Each kit contains the following:

- 1/4 lb. package of Trowbridge Grafting Wax
- 1 quality Victorinox Grafting Knife
- 1 roll of Grafting Tape
- Complete & easy to follow instructions



00616	Treekote Kit.....	\$42.95 each
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4 Types of Grafting:



- Bud Grafting
- Cleft Grafting
- Whip Grafting
- Side Grafting

GRAFTING KNIVES

VICTORINOX HORTICULTURAL KNIVES

Acclaimed by users everywhere, Victorinox brand grafting and pruning knives are constructed with quality stainless steel blades and nylon handles with solid brass linings.

Lightweight Grafting and Pruning Knife

- Lightweight knife for light pruning
- 2" blade
- 3-3/4" brass lined handle
- Weight: 2 oz.



19-010	Black	\$19.50 each
39-010	Red.....	\$16.95 each

Rose Budding Knife

- Rose budding knife with straight blade and bark lifter
- 2-1/4" blade
- 3-1/2" brass lined handle
- Weight: 2 oz.



39-020	Red.....	\$17.95 each
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Fruit Tree Pruning Knife

- Fruit tree budding knife with curved blade and bark lifter
- 1-3/4" blade, 1/2" serrated thumb support
- 4" brass lined handle
- Weight: 2 oz.



39-040	Red.....	\$19.50 each
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All Purpose Grafting & Pruning Knife

- Small, yet strong
- 2-1/4" blade
- 3-1/2" brass lined handle
- Weight: 2 oz.



39-050	Red.....	\$13.75 each
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All-Purpose Budding Knife

- 2" blade
- 1-1/4" solid brass bark lifter
- 3-1/2" brass lined handle
- 2-1/2 oz.



19-110	Black	\$33.50 each
39-110	Red.....	\$28.95 each

Heavy Pruning Knife

- Heavy pruning knife, good for de-suckering
- 3" curved blade
- 4-1/4" brass lined rosewood handle
- Weight: 3-1/4 oz.



19-300		\$42.95 each
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* Full Line of Victorinox Horticultural Knives Available.

TINA GRAFTING KNIVES

TINA
MADE IN GERMANY

Made in Germany, TINA horticultural knives are world renowned for excellence in workmanship. TINA

knives are the highest quality, precision knives available to the horticultural industry. Every TINA blade is hand forged and each handle is individually carved and shaped. It is well known that TINA cutlery needs less sharpening. A superior edge-holding quality saves valuable time and promises a perfect cut.

TINA Model T605

- Grafting and all-purpose knife
- 2-1/2" folding blade
- 4" polished walnut handle
- Weight: 2 oz.



T605	Right Handed.....	\$105.50 each
T605L	Left Handed.....	\$115.95 each

TINA Model T608

- Standard grafting knife
- 2-1/4" folding blade
- 4" polished walnut handle
- Weight: 2 oz.



T608		\$105.50 each
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TINA Model T600-A12

- Extra heavy grafting knife
- 3" folding blade
- 4-1/2" specially shaped polished walnut handle
- Weight: 4 oz.



T600-A12		\$139.25 each
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TINA MODEL T640-10

- Combination budding and grafting knife
- Excellent for fruit stock budding
- 2-1/4" folding blade
- 4" polished walnut handle
- Weight: 1-1/4 oz.



T640-10	Right Handed.....	\$113.25 each
T640-10L	Left Handed.....	\$124.50 each

*Full Line of TINA Grafting Knives Available

**NEED TO SPECIAL-ORDER
ARBORIST PRODUCTS?**



Call our friendly and knowledgeable sales consultants for answers to any questions you may have:

1-800-592-6940



GREENTEETH® STUMP GRINDING TEETH

Patented design gives you the ability to rotate each tooth to a new edge in a matter of seconds using only a standard wrench. This allows for up to three fresh cutting edges! You do not even have to remove the pocket! The result is a longer cutting life from each tooth.

Designed with a carbide concave dish as the cutting edge. This innovative design allows Greenteeth to shear rather than shred. Shearing is a smoother motion that requires less power exertion from the machine and allows for faster, more efficient stump cutting.

All pockets and bolts are made with through-hardened alloy steel. Greenteeth are manufactured using specifically formulated carbide to offer you a high quality tooth with a long cutting life. They are designed to work on all standard cutting wheels. Each tooth fits securely into each pocket with no gauging required. Enjoy 30 seconds to a new cutting edge!

1100 Series

For the largest machines on the market, we offer the 1100 series teeth & pockets. These pockets come in a counter-bore & threaded version of each the angle, straight, & reverse pocket. In order to accommodate a variety of different models of stump grinders, we also carry these in both 2-hole & 3-hole versions.

1100GREEN	Standard Dish Green Tooth	Call for Current Pricing
1100-CB	Counterbore Angle Pocket	Call for Current Pricing
1100-TH	Threaded Angle Pocket	Call for Current Pricing



1100-TH



1100GREEN

GREENBOLTS

Used only with the 1100 Series, the Greenbolt has an external drive head for easy installation and removal. The smooth shank provides strength and minimizes wheel wear. Extraction slot at the end of the bolt for easy removal in case of breakage.

GB-200	2"	Call for Current Pricing
GB-214	2-1/4"	Call for Current Pricing
GT3B	3"	Call for Current Pricing



900 Series LoPro™ & 700 Series LoPro™ Teeth & LoPro™ Pockets

Available in a straight, angle, & reverse. Every LoPro™ pocket is designed to have each a threaded & counter-bored hole, so every pocket can fit on either side of the wheel.

The LoPro™ series of pockets have a slim design that allows for a 3/4" clearance between the side of the pocket and the stump. This clearance prevents the pocket from rubbing against the stump, which reduces pocket wear and improves overall performance.

900TH-G	900 Series Standard Dish Green Tooth	Call for Current Pricing
900TH-R	900 Series Deep Dish Red Tooth	Call for Current Pricing
900LP-A	900 Series LoPro Angle Pocket	Call for Current Pricing
900LP-R	900 Series LoPro Reverse Pocket	Call for Current Pricing
900LP-S	900 Series LoPro Straight Pocket	Call for Current Pricing
700TH-G	700 Series Standard Dish Green Tooth	Call for Current Pricing
700LP-A	700 Series LoPro Angle Pocket	Call for Current Pricing
700LP-R	700 Series LoPro Reverse Pocket	Call for Current Pricing
700LP-S	700 Series LoPro Straight Pocket	Call for Current Pricing



900LP



900TH

LOPRO™ BOLTS

- Designed specifically to fit the angled shoulder of the LoPro™ pockets
- 1/2" Allen Drive
- Smooth shank that reduced wheel wear
- Extraction slot at the end of the bolt for easy removal in case of breakage
- All LoPro™ bolts should be torqued from 180 to 200 ft. lbs. (244Nm)

LP-134	1-3/4"	Call for Current Pricing
LP-200	2"	Call for Current Pricing
LP-214	2-1/4"	Call for Current Pricing
LP-212	2-1/2"	Call for Current Pricing



SAMSON ROPE



ARBORMASTER 16-STRAND 1/2" CLIMBING ROPE

A premium quality 16-strand line offering a smooth surface for "footlock" and exceptional durability. Made from specially treated polyester with a stabilized nylon core. BlueStreak is identified by alternating blue and white strands with a red and green internal ID marker. Features include:



- Maximum firmness for the "Footlock" climbing technique
- High visibility in trees
- Low stretch
- 1/2" diameter ensures an easier grip & minimizes fatigue
- Excellent knot-heat resistance
- Maintains excellent service flexibility

***Also available in Hawkeye (Bright Green & Gray)**

***All colors also available in 200'**

***Call for more information**

276-160-2P (Blue Streak) 1/2" x 120'\$131.75 each
 276-160-5P (Blue Streak) 1/2" x 150'\$154.95 each
 276-160-69 (Blue Streak) 1/2" x 600'\$575.95 each
 3480329 (Red, Black & White) 1/2" x 150'\$154.95 each

TRUE BLUE 12-STRAND 1/2" CLIMBING ROPE

True-Blue braided climbing line is a unique combination of extrusion set blue polyester fiber wrapped over a white polyester core in a Samson 12-strand "Dura-Tite" braid. This 100% polyester braid also has each of the twelve strands coated with Samthane™ finish that adds maximum wear life and consistent knot control. The outer blue polyester fibers also have Samson's "Parallay" parallel fiber orientation that minimizes fiber wear on rough surfaces and prolongs rope working life. True-Blue offers the highest level of performance in a high strength, low stretch climbing line with maximum wear resistance and a highly visible blue color. Features include:



- Maximum wear life
- Low-stretch & high strength
- Non-rotational
- Maintains excellent flexibility
- Stays firm and round in use

281-160-2P 120' Polybag\$123.95 each
 281-160-5P 150' Polybag\$159.95 each
 281-160-69 600' Reel\$595.95 each

SAMSON ZING-IT!



Made from Dyneema® fiber, this twine yields the highest strength, lightest weight, lowest stretch and longest wear life available. The Samthane™ urethane coating adds to the twine's wear life, ensures the knot-holding capability of the twine, and gives the twine its distinctive yellow color.

8110171 1.75MM x 180'\$30.95 each

ARBOR-PLEX 12 STRAND CLIMBING ROPE AND RIGGING LINE

Arbor-Plex combines polyester & polyolefin fibers in a Dura-Tite construction. The Dura-Tite braiding process tightens the braid to keep the rope round and firm for knot control and to allow the strands to be snag resistant. Tough polyester jacket fibers surround the polyolefin center fibers to maximize resistance to wear and fiber fusing while creating a lightweight high-strength rope. The outer polyester fibers utilize Samson's Parallay fiber orientations that prolongs rope life by minimizing the sawing actions of fibers over rough surfaces. Features include:



- Excellent wear and snag resistance
- Excellent knot holding ability
- Non-rotational, hangs straight
- Works well when wet
- Rot & mildew resistant

280-160-2P 1/2" x 120' Polybag\$84.95 each
 280-160-5P 1/2" x 150' Polybag\$102.95 each
 280-160-69 1/2" x 600' Reel\$385.50 each
 280-200-5P 5/8" x 150' Polybag\$175.95 each
 280-200-69 5/8" x 600' Reel\$634.50 each
 280-240-5P 3/4" x 150' Polybag\$242.95 each

PRO-MASTER RIGGING ROPE - BULL ROPE

A firm and balanced three-strand rope offering reliability as well as economy. It holds its shape even under heavy use and the spun fiber on the surface offers excellent grip and knot holding. It is identified by a green surface tracer. For performance and price, there isn't a better three-strand rigging rope in the marketplace. Features include:



- Lightweight & easy to handle
- High strength & low stretch
- Excellent knot holding
- Can be stored wet or dry
- Excellent chemical resistance

176-200-5P 5/8" x 150' Polybag\$125.95 each
 176-240-5P 3/4" x 150' Polybag\$160.95 each

COATED STABLE BRAID FOR RIGGING LINES

Stable braid is 100% polyester double braid construction that is high strength, low stretch, low snag and durable. Bright Samthane™ coating improves visibility and enhances resistance to abrasion and snagging. Features include:



- High strength-to-weight ratio
- Flexible & easy to handle
- Minimal UV degradation
- Torque-free

800-246-5P 3/4" x 150' Polybag (Orange)\$275.95 each
 806-03280 1/2" x 150' Polybag (Blue)\$140.95 each
 806-040-40 5/8" x 150' Polybag (Red)\$217.95 each
 800-285-60 7/8" x 150' Polybag (Green)\$401.25 each

	TRUE BLUE	BLUESTREAK	ARBOR-PLEX	ARBOR-PLEX RIGGING	PRO-MASTER	STABLE BRAID
Size (diameter)	1/2"	1/2"	1/2"	5/8" 3/4"	5/8" 3/4"	1/2" 5/8" 3/4" 7/8"
Weight/100 lbs.	8.5	6.8	6.8	12.0 16.2	9.5 12.5	18.1
Avg. Tensile Strength	7,300	5,400	5,400	9,000 12,000	8,200 10,800	20,400
Working Load (lbs.)	730	540	540	900 1,200	820 1,080	2,040



WEAVER CLIMBING GEAR

WEAVER #85 UPPER CLIMBER STRAPS

- Constructed of 1" wide pliable yellow top grain latigo steer hide leather that's riveted for extra strength
- Roller buckles and leather wear pads reduce abrasions
- Ten oblong holes for size adjustment
- Nickel plated hardware
- Sold in pairs

08-97001 26" \$16.95 per pair



WEAVER UPPER CLIMBER STRAPS

- Fourteen holes for perfect adjustment
- Nickel plated hardware
- Sold in pairs
- Riveted 1" heavy-duty coated webbing straps are extremely durable
- Straps are pre-cut, pre-punched and heat-sealed by the mfr to prevent fraying and ensure quality
- Roller buckles and top grain yellow latigo steer hide leather wear pads resist abrasion

08-98001 26" \$15.50 per pair

* 23" and 28" Available by Special Order



WEAVER HEAVY-DUTY SPLIT RING LOWER CLIMBER STRAPS

- 1" wide heavy-duty coated webbing straps are riveted with nickel plated rivets
- Straps are pre-cut, pre-punched and heat-sealed by the mfr to prevent fraying and ensure quality
- Yellow top grain latigo steer hide leather wear pads and roller buckles help extend life of straps
- Fourteen buckle holes for size adjustment
- Sold in pairs

08-98050 26" \$21.95 per pair



WEAVER SPLIT RING LOWER CLIMBER STRAPS

- Yellow top grain latigo steer hide leather straps are 1" wide
- Roller buckles and leather pads help reduce wear
- Ten oblong buckle holes allow buckle to lie flat and out of the way
- Overall length of strap is 26"
- Nickel plated hardware
- Sold in pairs

08-97050 26" \$20.95 per pair



WEAVER T-SHAPED CLIMBER PADS W/ FELT LINER

- Pliable burgundy top grain latigo steer hide leather is lockstitched and riveted to soft brown oil tanned top grain steer hide leather to form a tunnel for the climber shank
- Climber straps can be fed through 1" slots to help keep pads in place
- Comfortable 1/2" thick felt is securely lockstitched and riveted to the soft brown oil tanned top grain steer hide leather to cushion the leg
- Nickel plated rivets
- Sold in pairs

08-97156 \$41.95 per pair



WEAVER SUPER CLIMBER PADS

- Constructed of durable, weather-resistant top grain steer hide harness leather lined with 1/2" black felt
- Felt liner and smoothed leather edges help prevent rubbing and chafing
- Lockstitched for long-lasting use
- Measuring an extra-large 9" x 12", these pads evenly distribute pressure over calf for comfort
- A tunnel for the climber shank and 1-1/4" slots for climber straps help hold pad in place
- Requires two 26" climber straps to secure pad and climber shank to leg
- Nickel plated rivets
- Sold in pairs

08-97157 26" \$47.50 per pair



WEAVER #130 L-SHAPED CLIMBER PADS

- Soft 1" thick foam liner is layered between an outer layer of yellow top grain latigo steer hide leather and an inner layer of soft brown oil tanned top grain steer hide leather to provide extra comfort and protection to the back of leg and calf
- Securely lockstitched for durability
- Sold in pairs

08-97158 \$35.95 per pair



WEAVER GAFF GUARDS

- Pliable yellow top grain latigo steer hide leather is sewn and riveted to form these gaff guards
- Hook and loop straps are riveted on
- Nickel plated rivets
- Sold in pairs
- One size fits all

08-97100 \$7.50 per pair



27" CURVED SAW SCABBARD

- Black rubberized belting with a snap hook
- A 3/8" nylon washer at blade entry point helps protect stitching, welt and saw teeth from wear
- Dee on back for easy attachment to work belt or saddle
- Handy, large openings on side and bottom for easy cleanout
- Holds the Fanno #22, #24, #K-24 and #FI-2200, Corona® #RS 7160, Nicholson #14N, Bartlett Mfg. #127 (26"), #114 (26") and #124 (26"), Seymour Smith #624 and others
- Nickel plated snaps and dees

08-03001 \$25.95 each





WEAVER CLIMBING GEAR

WEAVER AEROSOL CAN/WATER BOTTLE HOLDER

- Bright 1" fluorescent blaze orange nylon webbing secures around can or water bottle and through tape roll with hook and loop closure
- Nickel plated bolt snap for attachment to a belt or other equipment

08-98200 \$6.25 each



WEAVER CHAIN SAW STRAPS

- Constructed of 1" wide double box-stitched nylon webbing with heat-sealed ends to prevent fraying
- Welded nickel plated rings are 2" in diameter
- Non-rust manganese bronze 225 snaps are 4-1/4" long (Length includes hardware)

08-98212 10" Length w/ring, Red..... \$3.25 each

**Blaze Orange, 13", 15" and 42" Available by Special Order*



WEAVER ADJUSTABLE CHAIN SAW STRAPS

- 1" wide double box-stitched nylon webbing straps easily adjust by attaching the rings to a snap on a saddle or belt
- Heat-sealed ends help prevent fraying
- A half twist in the loop end helps keep equipment hanging straight
- Welded nickel plated rings are 2" in diameter
- Non-rust manganese bronze 225 snap is 4-1/4" long

**Note: 47" strap is ideal for use with a carabiner*



Part Number	Description	Price
08-98219	49" with One Ring and 225 Snap, Blaze Orange	\$10.50
08-98220	49" with Two Rings, Yellow	\$7.95
08-98221	47" with One Ring, Red	\$7.25



Handcrafted by their skilled craftspeople in Mt. Hope, Ohio, many of their arborist products feature only the finest materials, skilled American workmanship and finishing touches for years of dependable performance.

With a tradition of unsurpassed quality, their dedicated employees carefully construct each Weaver product with meticulous attention to detail. Starting with only the highest quality materials, they add careful craftsmanship that makes their arborist products as dependable as they are comfortable.

Special details like precise, even lockstitching, extra strong box-stitching, hand-set rivets and heat-sealed nylon ends ensure our products meet the rigorous demands of the job. With a great selection of products to meet the needs of both aerial and ground people, Weaver is your source for quality arborist supplies. From positioning saddles and scabbards to axe guards and pruner pouches, their products have your needs covered!



WEAVER ROPE & WEIGHTS

WEAVER THROW WEIGHTS

Aerodynamic design helps increase the range of the throw. The moving action of the #8 shot that fills these Cordura® weights helps prevent the weights from hanging up in tree branches. The coated lead shot is contained in a latex pouch for environmental protection. A 4/8" nickel plated ring for attachment of a rope or poly pilot line is box-stitched to each weight.



08-98318-RD	12 oz, Red.....	\$10.50 each
08-98319-BO	14 oz, Blaze Orange	\$10.50 each
08-98320	16 oz, Red	\$10.50 each

WEAVER BULLET THROW WEIGHT

Featuring a sleek, aerodynamic design, these throw weights feature contrasting colors that are easy to see. A 7/8" welded nickel plated ring for attachment of a rope or poly pilot line is box-stitched to each weight. The moving action of the #8 shot that fills these Cordura® weights helps prevent the weights from hanging up in tree branches. The coated lead shot is contained in a latex pouch for environmental protection. Bottom loop for an accessory carabiner offers easy attachment. Please specify color when ordering: Orange, Green, or Yellow



08-98323	10 oz.	\$15.35 each
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WEAVER THROW WEIGHT AND LINE KIT

Convenient, aerodynamic throw weight and lightweight polyethylene line kits help position ropes perfectly. Kits include throw weight, and a lightweight 150' x 1/5" polyethylene line. Lightweight line is great for positioning heavier ropes.



08-98327	12 oz Kit.	\$19.95 each
08-98329	16 oz Kit.	\$21.50 each

WEAVER THROW LINE STORAGE BAG

- Constructed of 600 denier coated polyester
- Holds 150' of rope
- Convenient drawstring top closures for quick and easy access
- Interior nickel plated rings to tie ropes to and exterior nickel plated rings for easy attachment to a work belt, saddle or rope
- 4" diameter x 6" high



08-07140	Small, Red	\$10.50 each
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**Medium and Large Available by Special Order*

WEAVER DELUXE ROPE BAG

- Perfect for storing lifeline ropes measuring 1/2" or 9/16" x 150'
- Constructed of 1200 denier polyester
- Designed with spiral wire attached to the exterior of the bag to help prevent it from collapsing
- Handy quick-release buckles keep bag collapsed when not in use
- A 1" ring offers easy attachment to a saddle
- Features two outside pockets with convenient snap closures for storage of carabiners and other accessories
- Top of bag features a zippered closure and a grommet for feeding rope through
- Grommet is reinforced with leather for extra durability and is covered with a flap that keeps weather out
- 11" diameter x 15" high



08-07156	Red.....	\$41.95 each
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WEAVER REPLACEMENT POLYETHYLENE THROW LINE

- Lightweight design is ideal for positioning other ropes
- Features an 8 carrier diamond braid polyethylene cover over a parallel polyethylene core
- Minimum tensile strength of 190 lbs



08-98025	1/8" x 150'	\$11.75 per bag
30-1500-YE	1/8" x 1000' Roll	\$72.95 per roll

WEAVER BULL'S EYE™ THROW LINE

- Constructed from neon green polyethylene and white Dyneema® in a striped design that offers high visibility
- Dyneema® core gives this throw line added strength
- Rot-resistant line has good memory for recoiling
- This 2.5 mm rope glides easily in the hands
- Average tensile strength of 450 lbs



08-98028	180'	\$40.95 per roll
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WEAVER JET SET THROW LINE

- Constructed from 100% pre-stretched ultra-high molecular weight polyethylene (UHMWPE)
- Coated 8-strand twill braid for abrasion and snagging resistance and enhanced glide
- International safety orange is easily visible
- Popular among professionals
- Average tensile strength of 450 lbs



08-98029	180'	\$46.50 per roll
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**NEED SOMETHING YOU
DON'T SEE HERE?**

**CALL US!
1-800-592-6940**



WEAVER CLIMBING SADDLES

EXTRA WIDE BACK SADDLES

Extra wide 6" waist back is foam filled and lined with soft leather. Lighter weight forged aluminum Dees at front and back and three additional dees on the bottom of the waist back. Two nylon utility straps with a chrome bass 200 snap and a 2" nickel plated ring.

ONE FLOATING DEE, 2" NYLON LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01040 \$181.95

SUSPENDERS

08-98121 \$19.95

ONE FLOATING DEE, PADDED 2" NYLON LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01036 \$191.95

SUSPENDERS

08-98121 \$19.95

4-DEE, SEAT STRAP, 1" HEAVY DUTY COATED WEBBING LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01035 \$163.95

SUSPENDERS

08-98121 \$19.95

4-DEE, SEAT STRAP, 2" NYLON LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01033 \$180.75

MATERIAL STRENGTH

2" nylon webbing	3,000 lbs. test
2" seat belt webbing	6,000 lbs. test
2" forged buckle with roller.....	4,000 lbs. test
2" forged dee with roller	5,000 lbs. test

SIZE CHART

Small	30-38" waist
Medium	32-40" waist
Large	36-44" waist
X-Large.....	40-48" waist

4-DEE SINGLE THICK COTTON SADDLES

Cotton webbing reinforced with nylon provides comfort and strength. Floating Seat Strap can easily be positioned for maximum comfort. Leg straps are lockstitched and riveted to seat strap.

WITHOUT LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01005 \$110.50

WITH 2" NYLON LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01034 \$142.50

WITH HEAVY DUTY COATED WEBBING LEG STRAPS



AVAILABLE SIZES:

Small
Medium
Large
X-Large

08-01010 \$128.95

WEAVER NYLON SUSPENDERS

Removable, adjustable 2" nylon suspenders help distribute the weight of saws, scabbards and other accessories. Suspenders feature nickel plated snaps and black plastic sliders for convenient attachment and adjustment. Use with 08-01040, 08-01036 and 08-01035 Weaver Saddles. ** Note: Not to be used for fall arrest.*



08-98121 \$19.95

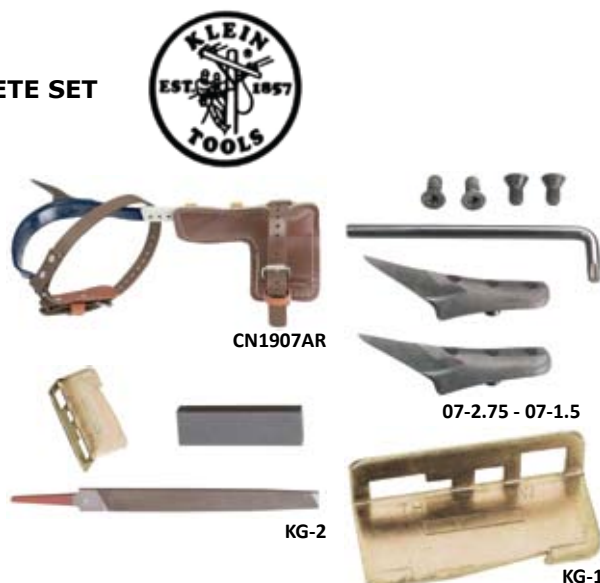
**PLEASE SPECIFY SIZE WHEN ORDERING.
FULL LINE OF WEAVER SADDLES AVAILABLE.**

CLIMBING EQUIPMENT & SUPPLIES

KLEIN TREE & POLE CLIMBERS

POLE CLIMBERS WITH 1-9/16" GAFFS – COMPLETE SET

- 8" x 8" (203 x 203 mm) cushioned, high-grade leather climber pads for maximum comfort.
- Neoprene-impregnated nylon climber straps for long-lasting life.
- Secure sleeve and leg iron connection. Two slotted hex-head bolts with lock washers and barrel-type nuts join the steel sleeve & leg iron together.
- Steel split ring secures ankle strap in place and allows for quick replacement.
- 4-7/16" (113 mm) wide stirrup provides greater foot support.
- Adjustable climber length – steel sleeve moves in 1/4" (6 mm) increments for the most comfortable fit.
- Contoured leg irons help position gaffs securely and comfortably.
- Replaceable gaff firmly attaches to the leg iron with a center pin and two TORX® screws.
- Gaffs are longer in length and wider in angle than 1-1/2" gaffs for exceptional resistance to cutouts.
- Sold in pairs only



CN1986AR	Pole Climbers with 1-9/16" Gaffs – Complete Set.....	\$305.95 pair
CN1907AR	Pole Climbers with 2-3/4" Gaffs – Complete Set	\$306.95 pair
15840	T-40 Torx Wrench for Tree Spikes	\$2.95 each
07-2.75	Replacement Tree Gaffs (2.75")	\$83.50 pair
07-1.5	Replacement Pole Gaffs (1.5")	\$71.95 pair
KG-1	Gaff Gauge	\$6.95 each
KG-2	Gaff Sharpening Kit.....	\$35.95 each

* KG-2 Gaff Sharpening Kit includes Gaff Gauge, Sharpening Stone and Flat File in Cordura Case

FIGURE 8 DESCENDER RINGS

Loop on line anywhere there is slack and you've got an effective braking device for any application. The more tension applied the stronger the braking power. Made of lightweight aircraft alloy. 8,000 lbs min. tensile strength.



5-3/4", Classic, Anodized Aluminum, WLL 786 lbs.	
K805303	\$12.75 each
6-3/4", Rescue, Anodized Aluminum, WLL 859 lbs.	
K852AL	\$17.95 each

BIG "8" RESCUE DESCENDER



Stainless Steel—12,000 ABS



USR-850-S	6-3/4" Length	\$34.95 each
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BOLLARD FRICTION BRAKES

Used for take downs and risky overhead jobs where a ground man must lower heavy objects. Strong steel construction, the perfect portable friction post. Comes in two models, a plain type which only lets object down and a ratchet model which lifts up in addition to letting down. Shipped assembled, includes Bollard, 18' of 4" nylon webbing with and winch bar. Working load: 4,000 lbs. Tensile: 16,000 lbs.



140020	Plain Type Device	\$356.50 each
140030	Ratchet Type Device	\$541.95 each

**WE CARRY A FULL LINE
OF CLIMBING GEAR!
CALL 1-800-592-6940 FOR
DETAILS!**

PETZL® CLIMBING HELMETS & HEADLAMPS



PETZL VERTEX® 2 VENT HELMET

Comfortable ventilated helmet for work at height and rescue. With its strong chinstrap, the Vertex Vent helmet sets the standard in head protection for workers at height. It has ventilation holes with sliding shutters to allow the ventilation to be adjusted as needed. Its six-point textile suspension ensures maximum comfort, and its CenterFit adjustment system adjusts the headband and keeps the helmet centered on the head. The Vertex Vent is designed for optimal attachment of a PIXA or ULTRA VARIO headlamp, a VIZIR, VIZIR SHADOW or VIZEN protective shield, and hearing protection.



A10VRA	Red.....	\$113.95 each
A10VWA	White	\$113.95 each
A10VYA	Yellow	\$113.95 each

PETZL® VIZIR EYE SHIELD

The VIZIR visor ensures eye protection and integrates perfectly into Vertex and Alveo helmets. Installs easily with its inserts. The VIZIR is scratch- and fog-resistant.



A15A	Clear.....	\$54.95 each
A15AS	Tinted	\$59.50 each

PETZL® VERTEX® BEST HELMET

With its strong chinstrap, the VERTEX® BEST helmet sets the standard in head protection for workers at height. Its unventilated shell protects against electrical hazards and molten metal splash. Its six-point textile suspension ensures maximum comfort, and its CenterFit adjustment system adjusts the headband and keeps the helmet centered on the head. The VERTEX® BEST is designed for optimal attachment of a PIXA or ULTRA VARIO headlamp, a VIZIR, VIZIR SHADOW or VIZEN protective shield, and hearing protection.



A10BOA	Orange	\$113.95 each
A10BBA	Blue.....	\$113.95 each
A10BNA	Black	\$113.95 each
A10BRA	Red.....	\$113.95 each
A10BWA	White	\$113.95 each
A10BYA	Yellow	\$113.95 each

PETZL® PIXA® SERIES HEADLAMPS

The PIXA® series headlamp is rugged, versatile and adapt to any situation: close-range work, movement, and long-range vision. CONSTANT LIGHTING technology: brightness does not decrease gradually as the batteries are drained. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground.

- Several lighting modes adapt to each situation:
- Automatically switches to reserve mode when batteries are almost drained (signaled by blinking light and red indicator)
- Knob is easy to use, even with gloves on
- Storage position helps protect the headlamp lens and prevents inadvertently turning it on
- May be used in explosive atmospheres (ATEX: Zone 2/22)
- Excellent resistance to falls (2 m), impacts, and crushing (80 kg)
- Comfortable and washable elastic headband
- Resistant to chemicals
- Weight: 160 g
- Technology: CONSTANT LIGHTING
- Beam pattern: wide, mixed, focused
- Energy: 2 AA/LR06 batteries (included)
- Battery compatibility: rechargeable Ni-MH and lithium
- Multiple Certifications for each model
- Watertightness: IP 67 (waterproof to -1 meter for 30 minutes, no maintenance required after immersion)



Part Number	Name	Lumens	Description	Price
E78AHB 2	PIXA 1	50	Wide Uniform Beam, Class I Div II	\$37.95
E78BHB 2	PIXA 2	70	Mixed Beam, Wide Range & Movement, Class I Div II	\$58.95
E78CHB 2	PIXA 3	100	Wide Range, Movement & Long Distance, Class I Div II	\$73.95
E78CHR 2	PIXA 3R	90	Rechargeable, Multi-Beam, Wide Range, Movement & Long Distance	\$138.95



PETZL® CLIMBING HARNESSSES

PETZL® SEQUOIA CLIMBING HARNESSSES

It has a ventral attachment point and a rear buckle for installing a CROLL ventral rope clamp with SECUR shoulder straps. The Sequoia series harnesses are designed for the arborist's comfort. Extra-wide, semi-rigid waistbelt and leg loops give excellent support. The attachment bridge is linked to two gated rings, allowing its length to be adjusted and accessories to be installed directly on the bridge. The harness also facilitates carrying and organization of tools with multiple equipment loops and slot for attaching CARITOOL tool holders. **The Sequoia is a seat harness for double rope ascent techniques. *The Sequoia SRT is a seat harness for ascents on a single rope.*



- C69BFA-01 Sequoia SRT, Size 1\$425.00 each
C69BFA-02 Sequoia SRT, Size 2\$425.00 each
C69AFA-01 Sequoia, Size 1.....\$399.00 each
C69AFA-02 Sequoia, Size 2.....\$399.00 each

Sequoia Harness – C69AFA	Size 1	Size 2
Waist Belt	65-100 cm	85-120 cm
Leg Loops	50-65 cm	60-75 cm
Weight	1390 g	1450 g
Warranty	3 years	3 years
Sequoia SRT Harness – C69BFA	Size 1	Size 2
Waist Belt	70-100 cm	85-120 cm
Leg Loops	50-65 cm	60-75 cm
Weight	1530 g	1590 g
Warranty	3 years	3 years

PETZL AVAO® BOD HARNESS

The Avao BOD fall arrest and work positioning harness is designed for greater comfort in all situations. The X-shaped dorsal construction wraps to reduce pressure points during prolonged suspension. The harness also facilitates carrying and organization of tools with multiple equipment loops and retainers for attaching CARITOOL tool holders and Toolbag tool-holder pouches. The Avao BOD harness has a specific construction that allows the user to hang from the dorsal attachment point for a longer time in case of a fall.



- C71AAA-0U Size 0.....\$389.00 each
C71AAA-1U Size 1.....\$389.00 each
C71AAA-2U Size 2.....\$389.00 each

AVAO Bod Harness – C71AAA-	Size 0	Size 1	Size 2
Waist Belt	60-90 cm	70-110 cm	80-130 cm
Leg Loops	45-65 cm	45-65 cm	60-75 cm
Stature	160-180 cm	165-185 cm	175-200 cm
Weight	2055 g	2100 g	2180 g
Warranty	3 years	3 years	3 years

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STRAPS & LANYARDS

PETZL® MICROCENDER – CAM-LOADED ROPE CLAMP

For situations where size and weight are critical. The Microcender is the logical choice of heavy duty hauling or self-protection on fixed ropes. For use on ropes from 9 to 13mm.

- Removable axle can be used to install or remove the clamp at any point on the rope
- Locking pin reduces the risk of undoing the system accidentally



B54..... \$67.95 each

PETZL® STOP - SELF-BRAKING DESCENDER FOR SINGLE ROPE

The STOP offers exceptional control and versatility, while the self-braking function facilitates on-rope maneuvers. Self-braking function allows you to easily stop and maintain your position on rope. Device can be rapidly installed or removed from the rope without disconnecting it from the harness. May also be used to ascend short.



D09.....\$137.95 each

PETZL® GRILLON ADJUSTABLE LANYARD

The GRILLON adjustable lanyard is used to build work positioning systems as a complement to a fall-arrest system. Its length can be very easily and precisely adjusted as necessary for comfortable positioning at the work station. Removable protective sheath protects the rope from abrasive surfaces and allows smooth rope glide. The protection can be removed when the lanyard is used in single mode, to bring the user closer to the anchor.



L52A-003 Length: 3m \$182.50 each

STEEL CORE FLIPLINE

These Fliplines consist of 16 strand neon orange polyester that is braided tightly over a flexible heavy-duty galvanized aircraft cable. Galvanized thimbles on each end with a locking swivel snap hook on one end. Easily adjustable using a flipline knot.



040308 8' Length \$40.75 each
040310 10' Length \$43.50 each
27362 12' Length \$45.95 each

PETZL® ASCENSION ROPE GRAB

The ASCENSION handled rope clamp is designed for rope ascents and features an overmolded grip and ergonomic upper part for a comfortable and powerful grip when pulling with one or two hands. The ASCENSION handled rope clamp has a wide lower hole for easily attaching two carabiners for a lanyard and footloop.



B17R Right-Hand\$76.95 each
B17L Left-Hand.....\$76.95 each
B17ARA Lightweight-Black, Right-Hand\$78.95 each
B17ALA Lightweight-Black, Left-Hand\$78.95 each

PETZL® PANTIN® FOOT ASCENDER

Designed for rope access and for tree care, the PANTIN® foot ascender is used with the Croll, Ascension or Ascentree rope clamps to keep the body upright and make rope ascents faster and less tiring. Its compactness and the durability of the positioning strap allow it to remain continuously attached to the foot. The PANTIN® is available in left and right footed versions.



B02BRA Right Foot\$86.95 each
B02BLA Left Foot\$86.95 each

PETZL® RACK – VARIABLE FRICTION DESCENDER WITH BRAKING BARS

Designed to cope with descents of widely varying length, the Rack may be used on single ropes (9 to 13mm). It has several removable bars which allow the speed of descent to be controlled when the weight of the load and of the rope vary, and also distribute the heat. It does not twist the rope.



D11 \$98.95 each

ADJUSTABLE SAFETY LANYARDS

- Double Braid safety lanyard, 1/2" polyester rope
- Double locking snap hook on each end



050180 3-6' Adjustable Lanyard.....\$45.95 each
050180-7 4-7' Adjustable Lanyard.....\$46.95 each
050180-8 5-8' Adjustable Lanyard.....\$47.95 each
050190 3-6' Adjustable Lanyard, Urethane Coated\$48.95 each

ULTRA SAFE ADJUSTABLE NYLON STRAP

- Adjustable nylon web strap with double locking snaps on each end.

96506-ADJ 1" x 6'\$34.95 each
97506-ADJ 1" x 6', 3600 Lb Gates MBS\$45.95 each





CARABINERS

PETZL VULCAN CARABINER

High-Strength Steel Carabiner

- Steel adapted to difficult use conditions
- For use with heavy loads
- Large size allows easier connection of multiple elements
- Wide opening for connection to thick anchors
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version)



M73SL Screw-Lock \$32.50 each
M73TLA Triact-Lock \$42.25 each

PETZL OXAN CARABINER

Oval Steel Carabiner

- Steel adapted to difficult use conditions
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version)



M72SL Screw-Lock \$18.25 each
M72TLA Triact-Lock \$26.95 each

PETZL WILLIAM CARABINER

Large Capacity Aluminum Carabiner

- Large size and opening to allow easy anchoring of several ropes and slings
- Wide pear shape facilitates belaying with a Munter hitch
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version)



M36SL Screw-Lock \$15.50 each
M36TL Triact-Lock \$19.75 each

PETZL AM'D CARABINER

Asymmetrical Aluminum Carabiner

- Specifically adapted for connection of equipment and use at the end of a lanyard
- Excellent strength-to-weight ratio
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version)



M34SL Screw-Lock \$13.50 each
M34TL Triact-Lock \$18.95 each

CARABINERS AND HARDWARE

TYPE	LOCKING SNAP	REBAR HOOK	LADDER HOOK SNAP	DOUBLE-LOCK SNAP HOOK
MATERIAL	FORGED STEEL	FORGED STEEL	ALUMINUM	ALUMINUM
LENGTH	5-1/2"	8-1/2"	9-1/2"	5.53"
THROAT OPENING	.766MM	2.15MM	2.45MM	.93"
TEST	5,150	5,150	5,600	6,744
WEIGHT	10.6 OZ	1.48 LB	1.6 LB	.29 LB
PART NUMBER	96595	USR-BRH-C	USR-LDR-A	USR-145-AR
PRICE	\$10.95	\$19.95	\$24.95	\$18.95



KONG CARABINERS

Gate Type	Screw-Lock	Screw-Gate	Autoblock Rombo	Screw-Gate	Autoblock Rombo	Twist-Rombo	Screw-Lock
Material	Carbon Steel	Carbon Steel	Carbon Steel	Aluminum	Aluminum	Aluminum	Carbon Steel
Length	107mm	103mm	113.6mm	116mm	113mm	116mm	113.6mm
Throat/Gate Opening	16mm	17mm	27mm	25mm	27mm	23mm	26.5mm
Test	5,400 lbs	4,950 lbs	11,240 lbs	4,950 lbs	6,750 lbs	4,950 lbs	11,240 lbs
Weight	5 oz	5 oz	9 oz	3 oz	3.2 oz	4 oz	9 oz
Part Number	KNG-462-CSL	KNG-463	KNG-411-C3TR	KNG-266	KNG-911-A3TR	KNG-786-ATR	KNG-411-CSL
Price	\$13.95	\$13.95	\$25.95	\$17.95	\$26.50	\$20.75	\$20.95



PULLEYS

CMI HEAVY-DUTY PULLEYS

RP107 - Stainless Steel Sideplates, 4" Aluminum Sheave, Bushing, Stainless Steel Axle

Part #	MBS	Rope Capacity	Size	Weight	Efficiency	Price
RP107	16,000 lbs	5/8"	7.5" x 5"	1.8 lbs	93.7%	\$69.95



RP107

CMI SERVICE LINE PULLEYS

RP119 - Stainless Steel Sideplates, Two 2" Aluminum Sheaves, Needle Bearing, Stainless Steel Axle

Part #	MBS	Rope Capacity	Size	Weight	Efficiency	Price
RP119	11,000 lbs	1/2"	6.5" x 2.6"	.85 lb	185.7%	\$58.95



RP119

CMI DOUBLE ENDED PULLEY

RP111 - Stainless Steel Sideplates, 2-3/8" Aluminum Sheave, Bushing, Stainless Steel Axle

Part #	MBS	Rope Capacity	Size	Weight	Efficiency	Price
RP111	8,500 lbs	5/8"	5.75" x 3"	.70 lbs	91.4%	\$45.95



RP111

CMI ORIGINAL RESCUE PULLEY

RP102 - Black Anodized Aluminum Sideplates, 2-3/8" Aluminum Sheave, Bushing, Stainless Steel Axle

Part #	MBS	Rope Capacity	Size	Weight	Efficiency	Price
RP102	7,000 lbs	5/8"	4.25" x 3.25"	.45 lbs	91.4%	\$41.95



RP102

CMI MICRO PULLEY

RP110D - Purple Anodized Aluminum Sideplates, Two 1 1/4" Aluminum Sheaves, Bushing, Aluminum Axle

Part #	MBS	Rope Capacity	Size	Weight	Efficiency	Price
RP110D	7,000 lbs	1/2"	3.5" x 1.75"	.25 lbs	133.6%	\$42.95



RP110D

PETZL® TANDEM PULLEY

Double pulley for travel along ropes. Designed for smooth and efficient Tyrolean traverses on rope.

- Sheaves mounted on self-lubricating bushings for good efficiency
- Maximum allowable speed: 10 m/s
- Attachment point accepts up to three carabiners to facilitate use



PP21..... \$68.75 each

PETZL® FIXE PULLEY

Versatile Compact Pulley

- Fixed side plates allow quick installation and coupling with a rope clamp
- Designed for hauling systems and deviations
- Sheave mounted on self-lubricating bushings for efficiency
- For use with OK or WILLIAM type carabiner



P05W \$27.95 each



U.S. RIGGING MICRO PULLEY

Micro Pulley, 1" Aluminum with Bushing kN 30, Rope Capacity 12mm



K993..... \$12.95 each



PRUNING SAWS

BAHCO 8" FOLDING SAW

- Foldable pruning saw with JS toothing designed for fruit growing, wine growing and landscaping
- Blade with hardpoint teeth and extra wide gullet for faster cutting in thicker green branches
- Strong 2-component plastic handle with comfortable grip
- Safety lock both in opened and closed position
- Replacement blade available



396-JS \$28.95 each

BAHCO TRADITIONAL PRUNING SAW

- Pruning saw for dry or hard wood
- Curved blade with fully ground, set teeth
- Comfortable and strong beech wood handle with a long hook
- Hardpoint teeth
- Replacement blades available



4211-14-6T 14" Blade..... \$26.95 each

BAHCO 21" SANDVIK BOW SAW

- A small and handy bow saw for sawing wood and wood-like materials
- The pointed nose makes the saw well suited for use in tight spaces, and it is ideal for pruning
- Complete with a type 51 blade for cutting dry wood
- The blade is hardened for exceptional durability and long service.



331 21" Blade..... \$14.95 each
3+..... \$13.75 each

BAHCO LAPLANDER 8" FOLDING SAW

Bahco Laplander folding pruning saw is a favorite tool of many professional gardeners. Lightweight and comfortable in your hand, it features a folding blade with a special non-stick coating that helps it glide through branches and even small logs with surprising ease. Bahco's special XT toothing allows the saw to cut in both directions meaning that you are cutting on both the "push" and "pull" cutting movements.



Only 9" long when folded and weighing just 6 oz, the saw is small and light. The high-quality Sandvik steel blade locks in place when open and folds away safely when you're not using it.

396-LAP \$24.25 each

GREEN MOUNTAIN HIGH LIMB CHAINSAW

The High Limb Chain Saw is constructed of patented chain blade which features BIMATIC carbon steel cutters. These cutters are engineered for hand use and maximum cutting efficiency as the blade is drawn back and forth. Lightweight, but extremely strong, polypropylene ropes are attached to each end of the blade. A sandbag throwing weight is attached to one rope end. The polypropylene ropes are electrically non conductive, and will pose no problem if the saw comes in contact with overhead wiring.

Each saw contains the patented Bimatic blade for two-way cutting action, two 25 foot control ropes, throwing weight, complete instruction booklet, and handy vinyl carrying pouch.



10033 24" Chain Blade..... \$27.95 each
10034 48" Chain Blade..... \$39.95 each

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PRUNING SAWS

Nicholson®

NICHOLSON NO. 420 TUTTLE TOOTH PRUNER

- All-purpose saw for pruning with special steel constructed blade
- Teeth designed for fast cutting of large limbs and firewood
- Wood handle
- Full cardboard sleeve protects blade
- 24" Overall Length



80309 \$39.95 each
6+ \$35.95 each

NICHOLSON NO. 14 SILVER FLASH PRUNER

- Heavy-duty
- Preferred by utility crews and tree surgeons
- Silver Steel® constructed blade, flat ground
- Concave cutting edge has precision set and bevel filed teeth
- Extra large teeth and gullets for speed cutting large limbs
- Wood handle
- Full cardboard sleeve protects blade
- 26" Overall Length



80299 1-5 \$62.95 each
6+ \$55.95 each
08-02001 Leather Sheath w/ Snap Hook \$46.95 each
08-03001 Rubberized Belting Sheath w/ Snap Hook \$26.95 each



FANNO RIGID HANDLE PRUNING SAWS

These saws are curved, pull cutting tree saws



designed for close work. The curved blade plus the self-feeding and self-cleaning tooth design make these tree saws exceptionally efficient tools for cutting in any position.

FA22 21" cutting edge, 5 points per inch lance teeth \$39.95 each

FANNO 13" CURVED PRUNING SAW

- 13" cutting edge with Tri-Edge teeth
- 6 teeth per inch
- Contoured laminated hardwood handle



FI-1311 \$22.95 each

Gilmour

GILMOUR 570 CURVED SAW

- 16" curved lacquered steel blade
- Sharp, deep set teeth
- Durable hardwood handle



570 \$18.95 each

GILMOUR 514S CURVED SAW

- Cuts on pull stroke
- 8 points per inch
- Sharp deep-set teeth
- Durable hardwood handle



514S \$22.95 each

08-02009 Leather Scabbard with Snap Hook \$26.50 each

FELCO PRUNING SAWS

- Rust resistant chromed blade made of steel
- Impulse heat treatment of the teeth / clean, precise cut / parts can be replaced
- Conical blade shape for an easy, non-clogging cut
- Set and shape of teeth prevents sap build-up / maintenance free
- Comfortable non-slip handle
- Sheath for right- or left-handers with detachable belt loop

FELCO®

FELCO 611 PRUNING SAW



F-611 13" Blade \$60.95 each
611-3 Replacement Blade \$45.95 each

FELCO 621 PRUNING SAW



F-621 9.5" Blade \$58.95 each
621-3 Replacement Blade \$39.50 each

FELCO 600 PRUNING SAW



F-600 6.3" Blade \$31.95 each
600-3 Replacement Blade \$25.25 each

TINA BANTAM BOW SAW

Originally designed in 1922, this popular bow saw has no equal in choice of material used or quality of old-world craftsmanship.

TINA

MADE IN GERMANY

Blade cuts on pull or push stroke. One free replacement blade with every new bow saw.

- Length - 19"
- Weight - 16 oz.
- Beechwood Handle
- Made in Germany



T-900 14" Blade \$106.95 each
T-900-3 Replacement Blade \$12.25 each

CHAIN MATE SURVIVAL SAW

With carbon steel teeth, this survival saw will cut wood up to 6 inches in diameter, and can be adapted with any rope that's handy to gather firewood from high up places. It's so compact it fits in almost any place (shirt pockets, etc) and weighs under 6 oz. 24" chain with strap handles.



CH-24 \$17.95 each

MODEL 20-18 PROFESSIONAL POLE SAW

- Durable cast aluminum saw head (Model No. 20)
- 16" curved saw blade with nonstick coating
- Three 6' by 1-1/4" diameter fiberglass poles
- Hook for pulling down cut branches
- Paint brush holder



20-18.....\$96.25 each

MODEL 20 PROFESSIONAL PRUNER HEAD

- Cast Aluminum Saw Head
- 16" curved saw blade with nonstick coating
- Hook for pulling down cut branches
- Paint brush holder
- For use with 1-1/4" diameter poles (Model Nos. 102 and 103)



20A Model 20 Pruner Head\$24.50 each

20B Replacement 16" Saw Blade for 20A.....\$12.50 each

MODEL 102 HEAD EXTENSION POLE

- 5-3/4' fiberglass head section pole
- 1-1/4" diameter
- For use with Model Nos. 11, 20, or 2011 heads
- Includes snap connectors for extension poles



102.....\$19.75 each

MODEL 103 EXTENSION POLE

- 6' fiberglass head section pole
- 1-1/4" diameter
- For use with Model Nos. 102, 103, or 3FG
- Includes snap connectors-both ends for head poles and other extension poles



103.....\$15.25 each

MODEL 3FG POLE ADAPTER

- 5-3/8" Pole Adapter to mount head pole to
- For use with Model Nos. 11, 20, or 2011 heads
- Connects to model nos. 103 or 106FG poles



3FG.....\$2.95 each

312TCS TREE PRUNER

- Gear driven action and dual pulley system triples cutting power
- Fiberglass poles telescope from 6' to 12'
- 1-1/4" diameter cutting capacity
- Heavy-duty solid steel head with hardened and tempered steel lopper blade
- 16" curved saw blade
- Poles securely lock with convenient thumb screw
- 13'6" solid braid polyester cord



312T Complete Set.....\$64.95 each

312HEAD Replacement Head\$15.95 each

SNAP-CUT TRADITIONAL ANVIL PRUNER

- 3/4" diameter cutting capacity
- Heavy-duty steel body with cushioned grips
- Replaceable brass anvil
- Hardened and tempered, precision ground steel blade with Teflon-S coating
- 8" Overall Length



19T.....\$12.75 each

HEAVY DUTY BLUE POLYPROPYLENE TARPS



070618	8'x10'	\$5.95 each
070627	12'x14'	\$10.95 each
070640	20'x30'	\$39.95 each
070642	20'x40'	\$48.95 each
070650	40'x40'	\$89.95 each
070652	40'x60'	\$129.95 each

WE ALSO CARRY AAZEL PRODUCTS!



Need to Order?

1-800-592-6940

FELCO HAND PRUNERS



FELCO 2 HIGH PERFORMANCE CLASSIC PRUNING SHEAR

FELCO design has remained unchanged for over forty years. Solid forged metal alloy handles are complimented by a Swiss precision made hardened cutting blade (replaceable) and an anvil blade with a sap groove. A hardened bolt and nut assure exact adjustment of both the cutting and anvil blades. A rubber cushion and shock absorber provide smooth working and soft closing of this pruner. Length 8-1/2". Weight 8.5 oz.

F-2A\$56.50 each



FELCO 7 ERGONOMIC HIGH PERFORMANCE PRUNING SHEAR

Here is a superbly designed pruning shear for the professional. The rotating handle revolved on its axes, allowing the fingers to move naturally, thereby reducing the blisters and hand fatigue that so often accompany prolonged pruning work. This unique swivel action requires up to thirty percent less effort than conventional models and offers maximum comfort on continuous-use jobs. Both the cutting and anvil blades are not riveted, and the narrow, pointed blade design allow for close pruning. Length 8-1/4". Weight 10.2 oz.

F-7A\$72.25 each



FELCO 4 STANDARD PRUNING SHEAR

If you want a more basic pruner without the refinements but still with the famous FELCO quality and cutting performance, the FELCO 4 is for you. This model offers the same quality cutting blade as the FELCO 2. The blade adjustment is by the center nut and bolt only. It has no rubber cushion, shock absorber or locking segment and is priced accordingly. Length 8-1/4". Weight 7.8 oz.

F-4A\$46.25 each



FELCO 8 ERGONOMIC PRUNING SHEAR WITH ROTATING HANDLE

If you are undecided about the FELCO 7, we recommend this ergonomically designed pruner. It is identical to the FELCO 7, except for the rotating handle. Light alloy handles are shaped to act as an extension of the forearm. The anvil blade handle is designed to prevent the pruner from sliding through the hand. Hollow-ground, the Swiss precision, hardened steel blade features a wire cutting notch. The blades are set on dowel pins for easy maintenance. Length 8-1/4". Weight 8.7 oz.

F-8A\$56.50 each



FELCO 5 BASIC PRUNER

This is the lowest priced FELCO pruner, still with excellent cutting ability. With handles made from solid steel and simplified construction, it is an ideal choice for the home hobby gardener. No cushion stop, sap groove or wire cutting notch. Length 9". Weight 11 oz.

F-5A\$30.50 each



FELCO 6 ERGONOMIC, COMPACT PRUNING SHEAR

Designed for those with smaller hands who may prefer a smaller, lighter pruner. It is comfortable to use yet every bit as sturdy and powerful as all the other FELCO models. Ideal for small pruning work such as grape vines, shrubs and young trees, it is also the choice of many florists. The cutting and anvil blades are not riveted. The shorter blades facilitate closer cutting to the stem of the plant. Length 7-1/4". Weight 7.5 oz.

F-6A\$52.50 each



FELCO 11, CLASSIC - NEW GENERATION PRUNING SHEAR

Suitable for every type of pruning. Ergonomic hand-fitting design. Superbly balanced, the FELCO 11 offers a large cutting capacity. Narrow pointed anvil blade allows easy access to twiggy branches and assures a close cut to the trunk. Precision alignment of cutting and anvil blade due to adjustable locking segment. Easy blade replacement. Shock absorbers reduce fatigue of wrist.

F-11A\$56.50 each



FELCO 12 ERGONOMIC, COMPACT PRUNING SHEAR W/REVOLVING BLADE

Requested by many users of the popular FELCO 6 model, this pruner has the added feature of a revolving cutting blade handle which helps prevent or reduce blisters and muscle fatigue that results from prolonged pruning. Smaller cutting head for precision pruning closer to the trunk. Length 8-1/4". Weight 8.5 oz.

F-12A\$68.95 each



FELCO 9 ERGONOMIC, LEFT-HAND, HIGH-PERFORMANCE PRUNING SHEAR

Left Handed. This is a true left-hander's version of the FELCO 8 with all the same features. Light alloy handles are shaped to act as an extension of the forearm. The anvil blade handle is designed to prevent the pruner from sliding through the hand. Hollow-ground, the Swiss precision, hardened steel blade features a wire cutting notch. The blades are set on dowel pins for easy maintenance. Length 8-1/4". Weight 8.7 oz.

F-9A\$56.50 each





FELCO HAND PRUNERS

FELCO 13, ONE OR TWO HAND PRUNING SHEAR

Multi-purpose patented pruning shear. Held as single-handed pruning shear but extra long cutting blade handle allows the use of both hands when cutting extra thick branches. The FELCO 13 is a good choice for users wishing to avoid tendonitis from prolonged and heavy pruning.



F-13A\$70.95 each

FELCO 31 ANVIL PRUNER

The Felco 31 is an anvil pruner which is beveled on both sides of the blade for easy clean-cut pruning. The adjustable brass anvil blade is coated in non-stick Xylan for easy cleaning and can be repositioned to line up with the cutting blade.. Handles are forged from robust aluminum alloy and are ergonomically shaped. Weight 8 oz.



F-31A\$47.50 each

REPLACEMENT PARTS FOR FELCO PRUNERS

CUTTING BLADES

Part Number	Fits Models	Price
2-3	2, 4, 11	\$13.95
5-3	5	\$11.25
6-3	6, 12	\$12.95
7-3	7, 8	\$13.95
9-3	9, 10	\$13.95
13-3	13	\$15.25



SPRING PAKS (2 PER PAK)

Part Number	Fits Models	Price
2-91	2, 4, 7, 8, 9, 10, 11	\$4.25
5-91	5, 13	\$4.25
6-91	6, 12	\$4.25



FELCO ACCESSORIES

F-912

Exclusive holster design fits all FELCO pruners. Can be used on belt or pocket with clip.

912.....\$8.95 each



F-919

FELCO's most popular holster. Fits all pruning shear makes. Designed to fit on belt only. Extra riveting for long lasting use.

919.....\$8.95 each



FELCO LUBRICANT SPRAY

F-980.....\$12.95 each



CSP WISH LIST:

LOPPING SHEARS



FELCO LOPPERS

Simply the best loppers in the world. Two-hand pruning shears are made with solid, forged light metal handles, cushion stops, sap groove on anvil blade and the famous FELCO fine blade adjustment. Rubber bumper and grooved rubber handgrips. Because of its construction and great cutting performance FELCO loppers have achieved top results when compared with other similar loppers on the market. FELCO loppers cut to 1-1/2" (38mm) branches with ease.



F-20A	17" Length.....	\$94.50 each
	3+.....	\$91.25 each
F-22A	33" Length.....	\$195.95 each



BAHCO PROFESSIONAL BYPASS LOPPERS

MODEL P14 VINEYARD LOPPER

Bypass Lopper for pruning and training of vines, orchards and shrubs. Small cutting head for easy access to hidden branches. Very comfortable to use and prevents fatigue through soft rubber bumpers between handles. Total Length 24", Cutting Capacity 1-1/4".

P14-60.....	\$49.50 each
6+.....	\$47.50 each



MODEL P19 HEAVY DUTY LOPPER

Heavy duty bypass lopper for cutting of very thick and strong branches on old and mature trees and vines (trunks). Long reach, also for overhead cutting. Aluminum tube handles for easy handling. Cutting head with double radii blade for powerful cuts and smooth finish. Very comfortable to use through soft rubber buffers between the handles. Total Length 32", Cutting Capacity 1-3/4".

P19-80.....	\$111.75 each
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BOND MFG. US600LS LOPPERS

- Curved forged steel blade
- Hook styling
- A particular favorite of fruit growers
- Tubular steel handles with textured grips
- 3 Year Mfr Guarantee

10005.....	\$35.50 each
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GILMOUR SNAP-CUT LOPPING SHEARS

MODEL 155 BYPASS LOPPER

1-1/4" diameter cutting capacity. Hardened steel blades with rustproof coating. Sap groove prevents sticky build up on blade. Heavy-duty wood handles with cushion grips. Shock absorbing bumpers. 27" Overall Length.



155.....	\$28.95 each
5+.....	\$27.25 each

JARAFF SAW BLADE – TRIM SAW BLADE

- 24" Circular Saw Blade
- 72 Carbide Teeth
- 1-1/2" Bore
- .180" Plate Thickness
- .270 Curve



24-BLADE.....	\$350.00 each
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GUIDE TO BUYING LOPPERS:

Bypass loppers work a little like scissors except they have one sharp cutting blade that moves past a non-sharpened concave hook. The bevel, or cutting edge, comes to rest just outside of the hook, which is used to grab on to or grasp the limb to be cut. Bypass loppers are the most common type of lopper, and are extremely versatile. They can be used in almost any situation, and are most often used to cut live branches because they make nice, clean, cuts.

Anvil loppers have a typically straight blade that comes to rest on a flat surface called the anvil. You may have read invectives against anvil loppers, claiming that they crush plants and leave wood spurs and you should never use them. The first part is partially true. Anvil loppers do tend to "crush" stems. The blades must be tightly fitted to make a clean cut. Anvil loppers are made more for strength than precision. In fact, the stopper gives anvil loppers more leverage than bypass loppers. This feature makes anvil loppers an excellent tool for cutting large dead branches or storm damaged wood from redbud or dogwoods, and starting a cut on a large live branch before finishing it off with a bypass lopper.

In any case, it is a good idea to have both anvil and bypass loppers in your arsenal!

PRUNER HEADS

Marvin's 1-1/4" cut pruner head with round casting. Fits all Marvin fiberglass "head" poles and 1-1/4" octagonal wood poles.



PH4R Pruner Head Only \$59.95 each

Marvin's PH4 1-1/4" cut pruner head with "quick change" adapter. Fits all Marvin poles with a female ferrule (mid-poles and base poles).



QCP PH4 Pruner Head w/Aluminum Adapter \$65.95 each

Marvin's Universal Saw Head. Fits all Marvin saw head poles and 1-1/4" octagonal wood poles. An assortment of saw blades attach to head via a wing nut and bolt.



U1R Quick Change Saw Head \$14.50 each

Snap-Cut 16" Curved Saw Blade



20B \$13.95 each

**Other blades available*

TRI-EDGE HAND SAW

Fred Marvin's most popular hand saw. Marvin F-350 tri-edge hand saw with a 13" blade and a rubber handle.



HS11 \$22.85 each

TURBOCUT HAND SAW

Marvin / ARS tri-edge hand saw with a 12" blade and marine plywood handle.



HS9 \$31.50 each

FIBERGLASS POLES

10' yellow fiberglass pole. Used for PH4R pruner head (Left)



Z10FS Only Available in yellow \$31.95 each

12' telescopic fiberglass pole with dual locking collar and rope anchor.



Z12T \$57.50 each

6' Fiberglass base pole (female coupling & rubber base)



Z6FB \$29.50 each

6' Fiberglass pruner head pole (male coupling & rope anchor)



Z6FH \$29.95 each

6' Fiberglass mid pole (male & female coupling)



Z6FM \$32.95 each

8' Fiberglass mid pole (male & female coupling)



Z8FM \$39.25 each

POPLAR WOOD POLE

1-1/4" octagonal cut. Each 2' poplar octagonal pole is handcrafted to assure its utmost strength and durability.



12P \$23.95 each

POLYPROPYLENE ROPE

1,000' Spool of pruner rope. Polyester, 5/16"



Z125P \$147.25 each

SILKY TREE PRUNING SAWS

SILKY HAYAUCHI POLE SAW

The Silky 179-39 Telescoping Landscaping Pole Saw HAYAUCHI 390 (21 feet) is a bestselling, professional, aluminum telescoping pole saw - the pole saw of choice by professionals. The aluminum alloy extension poles are oval shaped, providing precise control over the direction of the blade (especially important for high cutting) and giving strength and rigidity to the pole thus reducing bending to the minimum. The base pole has a pole-end shock absorber and comfortable rubberized over grip which ensures good hold and control. The 15-2/5" curved blade utilizes proprietary Silky 4-RETSUME (Four Rows of Teeth) Technology. Teeth are set in such a way that there appears to be 4 rows of them. Ideal for the toughest pruning jobs! Blade can be adjusted to two different angles for lower or higher cutting and features an upper and lower sickle. The upper sickle is used to cut vines and lower sickle to undercut bark. Lower sickle provides a clean cut without damaging the tree, while upper sickle prevents blade from slipping off limb. HAYAUCHI is the finest telescoping pole saw available on the market today. Black rigid-plastic blade cover is included. Made in Japan.



Model	Extensions	Extension Range	Maximum Working Reach	Weight	Price
177-39	1 (2 Poles)	7' 3" to 12'	17 ft.	4.0 lbs.	\$190.95
178-39	2 (3 Poles)	7' 8" to 16'	21 ft.	5.5 lbs.	\$230.95
179-39	3 (4 Poles)	7' 8" to 21'	25 ft.	6.9 lbs.	\$279.95
177-02-03	Replacement Blade.....				\$81.95

SILKY HAYATE POLE SAW

State-of-the-art, heavy-duty, aluminum telescoping pole saw - The pole saw of choice by professionals. Thick aluminum alloy extension poles are oval shaped, providing precise control over the direction of the blade (especially important for high cutting) thus reducing bending to the minimum. The base pole has a pole-end shock absorber and comfortable rubberized overgrip. The 16-1/2" curved blade utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology



- The Teeth of the Future! The precision-ground, razor-sharp, super-aggressive teeth with four cutting angles provide extremely fast cutting action. The taper-ground profile reduces drag and directs more usable energy to the cutting edge. The blade features a replaceable lower sickle for small branches and undercutting bark. HAYATE is manufactured with high visibility colors and comes equipped with a new advanced design sheath with a built-in carrying handle. It is ideal for pruning large branches at a higher position without ever climbing a ladder. This is the strongest and fastest telescoping pole saw available on the market today. Made in Japan.

Model	Extensions	Extension Range	Maximum Working Reach	Weight	Price
371-42	2 (3 Poles)	7' 7" to 16'	16 ft.	6.2 lbs.	\$291.25
372-42	3 (4 Poles)	8' to 20'	25 ft.	7.9 lbs.	\$360.50
373-42	Replacement Blade.....				\$83.95

SILKY SUGOI 360 CURVED SAW

Best-selling, state-of-the-art, professional hand saw with razor-sharp and ultra-fast cutting mono-constructed 14-1/5" curved blade. Curved blade provides greater cutting speed with less effort. Large and comfortable sure-grip handle gives strength and flexibility to the full length of the saw. The super aggressive tooth pattern is ideal for pruning large limbs. Utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology - The Teeth of the Future! The precision-ground, razor-sharp teeth with four cutting angles provide extremely fast, clean and smooth cutting action. Features hard chrome-plated, taper-ground curved blade with non-set tooth design. Taper-ground profile reduces drag and directs more usable energy to the cutting edge. The hard chrome-plated blade has 5.5 teeth per inch, resists rust and effects of tree resin, and wipes clean easily. Superbly designed molded-rubber hand grip encases the blade extension to absorb vibration while cutting. Great combination of high performance blade with a comfortable sure-grip handle that really sticks in your hands. Exceptional design, strength, balance and superior finish quality. Comes with the custom high-visibility yellow plastic scabbard that can be attached to the belt or lower leg. Ideal for pruning large limbs on the ground or at height. Made in Japan.



390-36 360 mm	\$93.25 each
391-36 Replacement Blade.....	\$60.95 each

SILKY IBUKI 390 CURVED SAW

Best-selling, heavy-duty, professional hand saw with a very well-balanced 15-2/5" curved fixed blade. Large, comfortable sure-grip handle gives strength and flexibility to the full length of the saw. Curved blade provides a greater cutting speed with less effort. Utilizes proprietary Silky 4-RETSUME (Four Rows of Teeth) Technology. Teeth are set in such a way that there appears to be 4 rows of them. Ideal for toughest pruning jobs! The heavy duty blade with precision-ground, razor-sharp 5.5 teeth per inch is designed to cut on a pull stroke and provides fast, clean and extremely smooth cutting action. Superbly designed comfortable rubber hand grip absorbs vibration while cutting and provides excellent control over the full length of the saw. The hard chrome-plated blade resists rust and effects of tree resin, and wipes clean easily. Great combination of high performance blade with a comfortable sure-grip handle that really sticks in your hands. Exceptional design, strength, balance and superior finish quality. Comes with a custom black polypropylene sheath equipped with both ring and belt strap attachments that can be used on the left and right side and allow attachment to a tree saddle using carabiner. Suitable for serious pruning tasks and ideal for aggressive cutting and efficient chip removal. Made in Japan.



275-39	\$100.75 each
276-39 Replacement Blade.....	\$67.25 each

SILKY ZUBAT CURVED SAW

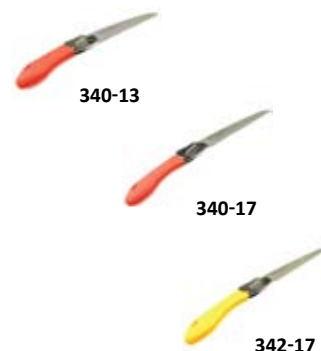


Best-selling, professional, heavy-duty hand saw with a 13", curved, mono-constructed blade. Features rust-resistant, hard chrome-plated, taper-ground curved blade with an impulse-hardened non-set tooth design. Curved blade provides greater cutting speed with less effort. Utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology - The Teeth of the Future! The precision-ground, razor sharp blade with four cutting angles provide fast, clean and extremely smooth cutting action. The hard chrome-plated blade has 6.5 teeth per inch, resists rust and effects of tree resin, and wipes clean easily. Molded-rubber handle holds the high-performance fast-cutting curved blade that fits securely inside its custom-fitted, pivoting, black polypropylene sheath with detachable belt holder. Great combination of high performance curved blade with a comfortable sure-grip handle that really sticks in your hands. Exceptional design, strength, balance and superior finish quality. Suitable for all pruning tasks and cutting large branches. Made in Japan.

270-33 330 mm	\$71.50 each
271-33 Replacement Blade.....	\$47.50 each

SILKY POCKET BOY FOLDING SAWS

Compact lightweight folding saw with 6-3/4" blade that will take up very little room in your pocket or backpack. Nicknamed as "Little Giant" due to its extraordinary cutting capacity. This sleek saw features rust-resistant, hard chrome-plated, taper-ground blade with an impulse-hardened non-set tooth design for greater cutting efficiency. Utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology - The Teeth of the Future! The precision-ground, razor sharp blade provide fast, clean and smooth cutting. The blade locks securely into one of two open positions, in line with the handle and flush cutting. The blade resists the effects of tree resin and easily wipes clean. The non-slip rubberized handle provides a sure and comfortable grip even in the most difficult operating conditions. Exceptional design, strength, balance and superior finish quality. Clear plastic flip-lock carrying case with belt clip is included. An ideal saw for your glove box or to carry on hikes. Made in Japan. Replacement blades available



Part #	Model	Blade Length	Teeth/Inch	Weight	Price
340-13	PB 130 (Large Teeth)	5"	7	6 oz.	\$34.50
340-17	PB 170 (Large Teeth)	6.75"	7	7.5 oz.	\$36.50
342-17	PB 170 (Fine Teeth)	6.75"	17	7.5 oz.	\$36.50



SILKY TREE PRUNING SAWS

SILKY F-180 FOLDING SAW

Lightweight strong folding saw with 7' blade suitable for multiple tasks. Utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology - The Teeth of the Future! The precision-ground, razor sharp blade have four cutting angles along the length of the blade and provide fast, clean and smooth cutting action. Blade easily and securely locks into two different angle positions for easy cutting. Handle is constructed of a fiberglass polypropylene with a rubber insert to insure comfortable and sure grip. Large teeth configuration model comes in Red color and cuts quickly through green wood branches and firewood. Yellow colored fine teeth configuration model can additionally be used on dry wood and carpentry projects. Exceptional design, strength, balance and superior finish quality. Put this handy, lightweight tool in your pocket, glove compartment or tool box. It is an ideal cost-effective all-round folding saw that is always ready for all pruning tasks and outdoor projects. Comes in a blister pack. Made in Japan.



143-18	Large Teeth.....	\$31.50 each
144-18	Replacement Blade.....	\$19.75 each

SILKY GOMTARO 300 STRAIGHT SAW

Beautifully balanced straight pruning saw with an 11-4/5", ultra-strong, mono-constructed blade. Features rust-resistant, hard chrome-plated, taper-ground blade with an impulse-hardened non-set tooth design for greater cutting efficiency. Utilizes proprietary Silky MIRAI-ME (Smooth Cutting) Technology - The Teeth of the Future! The precision-ground, razor-sharp teeth with four cutting angles provide fast, clean and extremely smooth cutting action. Great combination of high performance blade with an integrated non-slip cushioned comfort rubber handle that really sticks in your hands. Durable black polypropylene sheath with belt clip is included. Exceptional design, strength, balance and superior finish quality. Ideal for all pruning tasks. Made in Japan.



102-30	300 mm.....	\$63.75 each
103-30	Replacement Blade.....	\$39.95 each



MAKING THE CUT: 10 TIPS FOR PRUNING

An ideal time to prune most trees and shrubs is just as their buds are swelling. Leafless stems make it easy to see where to cut, dead stems make their presence known, and chances for cold damage near cuts are minimized. Warmer spring weather also promotes rapid healing of cuts. The 10 pointers listed below will keep you and your plants reasonably happy.

1. Prune young trees as little as possible. Any pruning ultimately slows growth.
2. On any tree, cut away watersprouts and root sprouts. These vigorous, vertical shoots - the first originating in the branches and the second at the base of the tree - soak up the plant's energy, look unattractive, and bear few or no flowers or fruits.
3. Avoid hedge shears on bushes, except for those trained to formal shapes. Prune most bushes by a renewal method, every year lopping some of the oldest stems to the ground to make way for young sprouts. In this way, the bush maintains a graceful fountainlike shape.
4. Tailor how much you prune any bush to its growth habit. Forsythia & lilac sucker abundantly, so remove some older stems every year to make way for new ones. Bushes that make few suckers - such as witchhazel & rhododendron - need their oldest stems cut back infrequently.
5. Wait to prune spring flowering bushes, such as spiraea and mock orange, until right after their blossoms fade or else you will be removing some of the flower buds soon to unfold. Prune spring flowering bushes, such as rose-of-Sharon and potentilla, anytime in early spring.
6. Almost all fruit plants need regular pruning. The amount depends on where a plant bears its fruits. Apple trees bear fruits on long-lived stubby growths, so need moderate pruning. Peaches need severe pruning to stimulate an annual supply of new shoots, which are the ones that bear fruit the following year. Each raspberry cane dies at the end of its second year, so completely cut away all old canes.
7. Don't cut unless you have a clear reason to do so. Trees and shrubs vary in their needs for pruning, from, for example, Japanese maple and witch hazel, which need no regular pruning, to butterfly bush and lilac, which need annual pruning to look their best.
8. No matter what the plant, cut all dead and diseased stems back to healthy wood. Also prune back broken stems.
9. Tailor each cut to the response you want from the plant. Where you want increased branching, shorten a stem. Where you want less congestion or to make a plant smaller, remove whole stems or limbs.
10. Always use a tool appropriate to the job. For stems a half inch or less in diameter, use hand-held pruning shears. Cut stems up to an inch-and-a-half across with a long handled lopper. For even thicker wood, use a pruning saw, which differs from a shop saw in having special teeth that do not become clogged by green wood. Make sure that your pruning tools are sharp and clean, because plants heal quickest when cuts are clean.

-by Lee Reich

DEEPROOT URBAN LANDSCAPE PRODUCTS



DEEPROOT® TREE ROOT BARRIERS

DeepRoot Tree Root Barriers are patented mechanical guides that redirect tree roots down and away from hardscapes, (i.e sidewalks, patios, driveways, utilities, tennis courts, etc.) preventing costly root damage while preserving the health and beauty of mature trees.

Our Tree Root Barriers are used for linear, surround and root pruning applications on both new plantings and existing trees.



UB 18-2	18" x 24" Panel - with zipper joining system.....	\$7.95 per panel
UB 24-2	24" x 24" Panel - with zipper joining system.....	\$9.25 per panel
UB 36-2	36" x 36" Panel - no joiners required	\$17.75 per panel
UB 48-2	48" x 48" Panel - no joiners required	\$23.50 per panel

DEEPROOT® WATER BARRIER/BAMBOO BARRIER GEOMEMBRANES

Versatile DeepRoot geomembranes protect hardscapes and landscapes from subterranean water movement, root intrusion and much more. Used in bamboo and invasive species control, the tough DeepRoot® geomembranes are also ideal for home foundation protection and golf course green construction.

Features:

- Cuts at any measured length with utility knife
- Up to 300 linear feet without the need for a seam
- Joins vertically or horizontally with sealant tape
- Made in the USA



Caution: The DeepRoot Water Barrier will not turn tree roots downward for subsequent lateral growth, which firmly anchors the tree. If the water barrier is to be used near a tree, a local arborist should be consulted.

WB 18/30-100	18" x 100' Roll - 0.030" (0.76mm) thickness	\$147.60	WB 30/40	30" x 300' Roll - 0.040" (1.02mm) thickness	\$713.50
WB 18/30	18" x 300' Roll - 0.030" (0.76mm) thickness	\$321.75	WB 30/60-100	30" x 100' Roll - 0.060" (1.52mm) thickness	\$392.95
WB 24/30-100	24" x 100' Roll - 0.030" (0.76mm) thickness	\$159.50	WB 30/60	30" x 300' Roll - 0.060" (1.52mm) thickness.....	\$1,071.95
WB 24/30	24" x 300' Roll - 0.030" (0.76mm) thickness	\$428.95	WB 36/30-200	36" x 200' Roll - 0.030" (0.76mm) thickness	\$442.75
WB 24/40-100	24" x 100' Roll - 0.040" (1.02mm) thickness	\$209.50	WB 36/30	36" x 300' Roll - 0.030" (0.76mm) thickness	\$643.25
WB 24/40	24" x 300' Roll - 0.040" (1.02mm) thickness	\$571.25	WB 36/60-100	36" x 100' Roll - 0.060" (1.52mm) thickness	\$471.75
WB 30/30-100	30" x 100' Roll - 0.030" (0.76mm) thickness	\$198.00	WB 36/60	36" x 300' Roll - 0.060" (1.52mm) thickness.....	\$1,286.50
WB 30/30	30" x 300' Roll - 0.030" (0.76mm) thickness	\$535.95	WB 48/30-100	48" x 100' Roll - 0.030" (0.76mm) thickness	\$314.50
WB 30/40-100	30" x 100' Roll - 0.040" (1.02mm) thickness	\$261.75	WB 48/30	48" x 300' Roll - 0.030" (0.76mm) thickness	\$857.95

DEEPROOT® SEALANT TAPE

This 10 foot roll of double-sided adhesive tape is used to join sections of Deep Root Water/Bamboo Barrier.



BB-10	\$5.75 each
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NOTES



DEEPROOT URBAN LANDSCAPE PRODUCTS

DEEPROOT® ARBOR TIE



Specifically designed to replace traditional methods such as wire and hose, ArborTie is a revolutionary material that is safe, soft, easy to use and less expensive than traditional tree ties. ArborTie also eliminates the need to flag or cover guywires, and proven ArborKnot expands as the tree grows in caliper, preventing girdling.



Features:

- 900 lbs. tensile strength
- Flat woven polypropylene material
- Lock stitch with rounded weave

AT2G	250' Roll.....	\$41.50 each
AT5G	500' Roll.....	\$83.00 each
AT7G	750' Roll.....	\$124.50 each

We stock ArborTie® Green - Also available in ArborTie® White (2500 lb. tensile strength) by special order. Please call for pricing and availability.

ArborTie® PROFESSIONAL TREE ANCHORING KIT

- Protects from high winds
- Helps trunks grow straight
- Prevents bark damage
- Stakes are reusable
- Made in the USA
- Easy Install: No drive rods required

Kit Includes:

- (3) 15" Steel Eye Stakes
- (3) 10" lengths of green ArborTie® 3/4" strapping material (900 lb. tensile strength)
- Instruction Sheet

AT LD 100.....	\$18.95 each
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Stakes and Anchors also sold separately:

SES 15	15" Steel Eye Stakes.....	\$2.50 each
SEA 15	15" Steel Eye Anchors.....	\$7.50 each
SEA 30	30" Steel Eye Anchors.....	\$9.75 each



ArborGard+® TREE TRUNK PROTECTORS

Made of durable polyethylene, ArborGard® shields tree trunks from damaging string trimmers. ArborGard® also protects against bark damage from gardening equipment, tools, rodents and other small pests. Holes are sized to prevent insect infestation and bark rot. ArborGard® is manufactured in round tube form and unlike flat tree guards, will not lose its coil shape in hot sun.

Easy to install, ArborGard+® is 9" high and protects trunks up to 4" in diameter. For larger trees, simply join two or more together.

AG9	1-24	\$1.95 each
	25-49.....	\$1.95 each
	50-99.....	\$1.75 each
	100+.....	\$1.55 each

