“The sturdy Hasegawa tripod ladder is incredibly lightweight. One person can easily move it around while harvesting fruit, pruning, painting, cleaning gutters or tackling other homestead chores”

3 legs, wide base, no wobble and remarkably light!

Hasegawa Tripod Ladders are used all over Japan and Europe and now in the U.S. by gardeners and nurserymen. Our customers include tree surgeons, topiary specialists, institutional and estate gardeners, orchard owners, hedging contractors, permaculturists and landscapers. Countless gardening enthusiasts appreciate the stability and practicality of the tripod design.

The wide base, deep steps, telescopic back leg, as well as broad clawed feet and flat top make the Hasegawa Tripod Ladder incredibly safe and easy to use. Similar to the design of the Eiffel Tower, your weight is directed downwards and outwards, pinning the ladder to the ground. The ladders are welded, extruded aluminum construction, weatherproof, strong and very light. Double rungs are easy on the feet, and resist getting muddy or slippery.

Spring-loaded pin on tripod leg makes adjusting leg length easy.

Available in two models:

- The original GSC model available in sizes from 6’ to 15’
- The GSU model, with platform step. Available in sizes from 6’ to 12’

Use of ladders on hard surfaces such as concrete requires installation of GSC-G hard surface accessory. Available for purchase separately. HAS GSC-G

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight</th>
<th>Base Width</th>
<th>Spread</th>
<th>Length</th>
<th>SSH*</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAS GSC-180</td>
<td>6’</td>
<td>14 lbs.</td>
<td>49”</td>
<td>48”</td>
<td>76”</td>
</tr>
<tr>
<td>HAS GSC-240</td>
<td>8’</td>
<td>18 lbs.</td>
<td>49”</td>
<td>62”</td>
<td>102”</td>
</tr>
<tr>
<td>HAS GSC-300</td>
<td>10’</td>
<td>23 lbs.</td>
<td>57”</td>
<td>76”</td>
<td>124”</td>
</tr>
<tr>
<td>HAS GSC-360</td>
<td>12’</td>
<td>26 lbs.</td>
<td>57”</td>
<td>86”</td>
<td>150”</td>
</tr>
<tr>
<td>HAS GSC-450</td>
<td>15’</td>
<td>39 lbs.</td>
<td>57”</td>
<td>105”</td>
<td>184”</td>
</tr>
</tbody>
</table>

Order Number: HAS GSU-180 | 6’ | 15 lbs. | 49” | 50” | 81” | 4’ |
| HAS GSU-240 | 8’ | 18 lbs. | 49” | 64” | 109” | 5’ |
| HAS GSU-300 | 10’ | 23 lbs. | 58” | 77” | 134” | 7’ |
| HAS GSU-360 | 12’ | 26 lbs. | 58” | 90” | 158” | 9’ |

* SSH=Safe Standing Height • All ladders are 225 lbs. capacity

CAUTION! Ladders can conduct electricity and be dangerous to your health and safety. Do not use ladders near energized electrical lines or equipment.

More ladders on pages 134 & 135

All ladders: delivery, pickup or truck freight ONLY
**WHIFF Deer Deterent Soap**

Formulated especially for orchard or vineyard use. Whiff is an effective aid in discouraging the browsing habits of deer. Whiff's strong, long lasting scent makes deer uncomfortable to stand and browse. The tallow base is manufactured from animal fats. Made in the USA, biodegradable and environmentally friendly.

Leave outside wrapper intact and secure with twist-tie onto branch 3'-4' in height. Re-apply as needed. Generally effective for six months. WIFF 0001

---

**Suggested installation for Scare Eye Bird Balloons**

**Materials needed:**
- 10' length of 3/8” diameter steel reinforcement rod (the type used in concrete structures)
- 6' of 9 ga. wire
- 18' monofilament fishing line
- #7 fish swivel
- Wire cutters, locking-type pliers, work gloves

1. Clamp here to start spiral
2. Clasp fish line
3. 24” - 30”
4. 6”-8”
5. 12”- 16”
6. 120”
7. Soil Line
8. 30 lb. Test Fish Line

Note: the 3/8” steel rod is sold in 20’ lengths at most building supply stores, but they will usually cut it in half at no charge.

Reprinted from Fruit Grower, March 1997
The Bird Gard units features a combination of bird distress calls and predator calls recorded on a microchip. We stock the standard agricultural chip (chip 1A) featuring the European starling, American robin, house finch, ring-billed gull, common grackle, sharp-shinned hawk, blue jay and red-winged blackbird.

**Bird Gard Pro**
Single speaker unit covers 1.5 acres, 120V AC adapter with 50’ cable. Non-replaceable chip.

- **BIR 0033-1A** - Standard agricultural unit Optional:
- **BIR B-0010** - Battery cable, 12V with clips
- **BIR 0010-X** - Extension speaker with 100’ cable

**Bird Gard Pro Plus**
Protects up to 3 acres of crop. A more powerful unit with 2 amplifiers, control box, 2 speakers each with 100’ of cable, 120V AC adapter with 50’ of cable, 12V DC battery cable 10’ long with clips.

- **BIR 0035-1A** - Bird Gard Pro Plus with standard agricultural chip

**Bird Gard Super Pro**
Protects up to 6 acres of crops. Control box with 4 amplifiers, 4 speakers each with 100’ of cable 120V AC adapter with 50’ of cable, 12V DC battery cable with clips. Also available in a 4 speaker box version.

- **BIR 0041-1A** - Bird Gard Super Pro with standard agricultural chip

**Bird Gard Super Pro Wireless**
No cables or wires that can get damaged or cut. Each Bird Gard Super Pro Wireless transmitter/controller broadcasts sounds up to 1,000 feet in any direction. Each wireless 4-speaker/receiver covers up to 6 acres. Add additional speaker/receiver units for greater coverage. Adjustable volume with random audio cycle patterns so birds never get comfortable. Uses standard user replaceable EPROM recording chip.

- **BIR 0045-1A** - Bird Gard Super Pro Wireless w/standard agricultural chip. Includes One Super Pro Transmit unit, AC power adapter with 50’ of cable, 12V battery cable with clips, mounting bracket and hardware. One 4-speaker/receiver unit with 12V battery cable with clips. Each speaker/receiver unit needs its own 12 volt auto battery.
- **BIR 0046-R** - Additional 4-speaker/receiver unit with 12V battery cable with clips

Other available chips cover different species including marine (gulls), crow/raven, super starling, woodpecker, and a special combination chip. The combo chip (chip 21) adds harassment calls to a distress/predator chip. This combination confuses and moves birds who are not otherwise affected by predator/distress calls individually. Cedar wax wings, migratory robins and pigeons are an example of these birds.

**BIRD GARD FEATURES**
- The Bird Gard Pro Plus, Super Pro and Super Pro Wireless feature a user replaceable recording chip that can be easily changed. This feature is useful for multiple crops and/or multiple problems.
- Each species distress call randomly changes in frequency and duration creating the illusion that more than one bird of the species is distressed.
- The Bird Gard Super Pro features random speaker sequencing in addition to the frequency modulation, creating the illusion distressed birds are scattered around the orchard or field.

**Deer Shield Super Pro Systems**
Each speaker protects up to 1.5 acres
- **BIR 0073-1A** - One speaker system
- **BIR 0073-1A/SPK2** - Two speaker system
- **BIR 0073-1A/SPK4** - Four speaker system

**Bird Gard Super Pro PA4**
The Bird Gard Super Pro PA4 uses the same low frequency technology as the Deer Shield Super Pro. The Super pro PA4 has been used successfully to deter notorious nuisance birds. Each unit comes with one PA4 speaker which protects up to 1.5 acres.

Includes electronic control unit with one power amplifier and a replaceable EPROM recording chip, one PA-style speaker with 100’ of cable, AC power adapter with 50’ of cable, 12V battery with clips. Specify chip when ordering.

- **BIR 0043-15** - Canadian Geese
- **BIR 0043-16** - Wild Turkeys
- **BIR 0043-20** - Heron/Egret
- **BIR C-0100W** - Additional PA4 speaker with 100’ cable designed for use with PA4 units only
**Mylar Tape**  
**Popular**  
1" x 500' metalized polyester tape, plain tape NO holographic image. Flashes and noise scare birds. Some say silver/red is a more effective tape.

- **COO 3550** - 1" x 500' roll, Silver only
- **COO 3552** - 1" x 500' roll, Silver/Red

**WARNING:** Above tape can conduct electricity. Use properly and safely.

**Bird Tape - Passive Repelling of Birds IRRI Tape**

2" wide x .001" thick x 100' roll of iridescent polyester foil with holographic image which reflects a flash from the sun and metallic noise as it moves in the wind. This danger signal creates an "off limits" zone to birds.

- **BDX Tape-100** - 100' Irritape kit  
  1 roll tape, 8 supports
- **BDX Tape-500** - 500' Irritape kit  
  1 roll tape, 36 supports

---

**The ZON**

**EL08 Electronic Propane Cannon**

Virtually no moving parts

The only moving part on the EL08 is the valve that controls the gas flow. No more broken springs to replace, no worn out diaphragms - less time in the shop means more time protecting your investment! Operates on 12V battery. Battery not included.

**Multiple blast capability**

The EL08 with electronic timer can produce 1, 2, 3 or 4 blast series with approximately 5 seconds between blasts.

**Enhanced 24-hour timer**

There’s no need to purchase a separate on/off timer. The EL08 includes a 24-hr. timer that can be programmed with multiple on/off periods (compare to just 1 on/off period with standard ZON timer).

**Programmable configuration**

Blast intervals can be set between 1 and 60 minutes. Electronic timer provides 3 different random interval settings (selects a different time interval after each series of blasts).

**ZON EL08**

**ZON 4MT08 Conversion Kit**

Get all the features of the EL08 without buying an all new cannon! With the ZON 4MT08 Conversion Kit you can convert your Mk4, Mk2, or any other propane cannon to a semi-electronic cannon.

**ZON 4MT08**

**ZON EL08 Tripod**

To be used with ZON EL08 cannon. ZON EL08-Tripod

**3-D Coyote**

Installs easily ... place it anywhere you can bury a stake.

This life-size menacing predator replica strikes instinctual fear into the hearts of geese, other birds and small animals. The "3-D" structure makes the decoy visible from every angle, making it very effective.

**BDX 3D-COYOTE**

---

**BIRD CONTROL**

**POPULAR**

**Bird Net**

Lightweight premium grade bird net. Black in color, extruded, 2.9 lbs./MSF UV protected with fine grind carbon plus UV inhibitor resin additive. Mesh is 3/4" square and supplied either 14’ or 17’ wide. All smaller pieces are parts of larger rolls.

All of the following shipped UPS:

- **WCT 7’ x 50’**
- **WCT 17’ x 50’**
- **WCT 14’ x 50’**
- **WCT 17’ x 75’**
- **WCT 14’ x 75’**
- **WCT 17’ x 100’**
- **WCT 14’ x 100’**
- **WCT 17’ x 300’**
- **WCT 17’ x 500’**
- **WCT 14’ x 500’**
- **WCT 34’ x 34’**

* Supplied in 2 pieces.

Complete rolls:

- **WCT 14’ x 5000’**  
  4" OD x 3 1/2 ID Core Roll 14’ x 5000’  •  238 lbs.
- **WCT 17’ x 5000’**  
  8” ID Core Roll 17’ x 5000’  •  289 lbs.

* Rolls truck freight only.

---

**Propel Scarecrow MARK 4**

Utilizes propane gas to create a loud shot-like sound to scare birds and predators. Noise level can be changed 100-120 decibels. Interval between detonators can be adjusted from 2 minutes up to 30 minutes. Automatic timer (GT300) is an optional device which starts and stops detonations at the desired time each day. Runs a full season on 1.5V battery.

**Mark 4**

Standard unit, 20 lb. tank, delivers 17,000 explosions (tank not included) Option: Zon Mark 4 Tripod, GT300 timer. Covers 1-5 acres depending on shape and topography of the field.

**ZON 05ZG4**

- gun • 16 lbs.

**Mark 4 Tripod**

Changes direction each blast, adjustable tripod legs for uneven ground, elevates the ZON unit 4' and can be extended to 6' or 7'5". Provides 360° coverage. Each detonation pivots the ZON gun 50-70° in a full circle.

**TRIPOD ONLY.**

**ZON OTA4**

• 13 lbs.

**Automatic Timer**

Automatically starts and stops operation of gun each day at any desired time. Enclosed in weather and dust protective case, high quality movement runs a full season on one penlight battery.

**ZON GT-300**

---

**Bird Net**

**Actual netting size**

**Bird Tape - Passive Repelling of Birds IRRI Tape**

**3-D Coyote**

Installs easily ... place it anywhere you can bury a stake.

This life-size menacing predator replica strikes instinctual fear into the hearts of geese, other birds and small animals. The "3-D" structure makes the decoy visible from every angle, making it very effective.

**BDX 3D-COYOTE**

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OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431

www.oescoinc.com • Email: info@oescoinc.com

115
Smart Net Systems
Deer Exclusion Netting

UV protected polyethylene panels, 2” square mesh, rope-bordered, industrial grade.

Install permanently: fifteen year life expectancy.
Or install temporarily: highly mobile, easy to relocate.

Can be installed on wood posts, steel T-posts or trees, 15’-25’ apart.

Will contour to any slope without distortion to panels.
No need to cut and splice like you do with plastic fencing.

Conveniently packaged.
Ships UPS ground

SMA DN-8x100 • 19 lbs
SMA DN-8x250 • 47 lbs.

Smart Net Systems
Bird/Hail/Insect Netting
and Tree Bags

Row Crop Cover and Tree Bags
Provides protection from hail, birds and some of the more destructive insects such as Japanese beetles, stink bugs, wasps and grasshoppers. Made from HD UV protected polyethylene for many years of service row crop cover has reinforced edges with button holes for tie down or joining. Tree bags completely encloses the tree and is tied at the trunk and includes clips to close flap.

NEW

Row Crop Cover
Color: white • 3 sizes
SMA IC-7x100 • 7’x100’ • 8 lbs
SMA IC-15x150 • 15’x150’ • 26 lbs
SMA IC-15x300 • 15’x300’ • 52 lbs.

NEW

Tree Bags
Color: grey • 2 sizes
SMA TB-12x12 • 12’x12’ • 10 lbs.
SMA TB-17x17 • 17’x17’ • 19.5 lbs.

NEW

Posts sold singly, by the bundle or by the truckload. Call us for all of your post, wire and hardware needs. We can help!
Smart Net Systems Overhead Crop Protection Netting
Complete Enclosure Systems for Apples, Cherries, Grapes and Berries
Also used as layover netting to effectively protect strawberries from birds

**Spray, Mow, Harvest While Netting Remains In Place**

Smart Net Overhead Crop Protection netting allows the grower to harvest fully ripe fruit resulting in larger total yield and enhanced sweetness.

Because the netting is suspended above the crop, birds cannot reach through the netting to cause damage. The tautly strung 7/8" mesh netting effectively repels birds without entangling them.

The netting is stored on the trellis. Once installed, less labor is required to spread or pull back the netting on a yearly basis; just slide the netting to the end of the row and wrap it for the winter. The netting comes with a cord threaded through each edge to facilitate threading onto support wires.

Smart Net netting is a UV treated, tied polyethylene 7/8" netting with heavy 12 ply meshes on each edge.

Properly installed and managed, overhead systems will last ten years or more.

Available Sizes:
- 20 ft. x 337 ft.
- 26 ft. x 337 ft.
- 32 ft. x 337 ft.
- 40 ft. x 337 ft.
- 50 ft. x 337 ft.
- 20 ft. x 531 ft.
- 26 ft. x 531 ft.
- 32 ft. x 531 ft.
- 40 ft. x 531 ft.
- 50 ft. x 531 ft.
- 12 ft. x 337 ft. (side curtain netting)

Call us for assistance in designing a package to meet your specific crop protection needs. We will provide you with technical details regarding infrastructure and installation.

Smaller pieces available
- 50 ft. x 50 ft.
- 50 ft. x 100 ft.

No consult necessary

“The Smart Net system is so good, I’ll never use anything else. The netting material is easy to handle and conforms to different sizes and shapes.”

Mo Tougas
Tougas Family Farms

Scan for more info

OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431
www.oescoinc.com • Email: info@oescoinc.com
Wire and Cable
High Tensile Galvanized Wire
12.5 gauge Class 3 galvanized wire, 200 KPSI breaking strength
WFS WSB200-4 - 4000' • 105 lbs.
14 Gauge Class 3 galvanized wire, 170 KPSI breaking strength.
WFS WSK144G - 3800' • 64 lbs.

Wire Spinning Jenny
Essential when working with large coils of high-tensile wire. Brake prevents overspin and kinking of wire.
KEN TSJHH • 21 lbs.

Wire Care Clips
Attaches securely to posts with nail. Durable, U.V. resistant polyethylene Non-corrosive. Can be used for either up or down tension. Load bearing area of 10mm.
OVS WCC-1 - 200/bag

BF Staples
6" x 1" Ground staple.
Galvanized steel.
BFP BF142M - 1000/box • 39 lbs.

BEP Nylon Monofilament Wire
Black single strand nylon. High tensile, low stretch and 1/8th the weight of steel wire of the same gauge. Great for berry trellising and bird netting applications.
BFP BF1408SP - 8 ga. (0.166") x 500', 1093 lbs. tensile • 6 lbs.
BFP BF1408WS - 8 ga. (0.166") x 3000', 1093 lbs. tensile • 37 lbs.
BFP BF1411WS - 11 ga. (0.118") x 5000', 665 lbs. tensile • 34 lbs.
BFP BF1412SPL - 12 ga. (0.100") x 1100', 493 lbs. tensile • 6 lbs.

Hot-Dipped Galvanized Brace Pins
Used in constructing H-braces at trellis row ends.
WFS WABP10 - 3/8" x 10' • .25 lbs.
WFS WABP5 - 3/8" x 5' • .59 lbs.

Galvanized Wire Rope
Excellent for netting support. 3 sizes - priced per foot
MVS 1/8-7X19
MVS 3/16-7X19
MVS 3/32-7X19

Malleable Clamps
MVS 1/8 - cable clamp, 1/8"
MVS 3/16 - cable clamp, 3/16"
MVS 1/4 - cable clamp, 1/4"
MVS 3/8 - cable clamp, 3/8"
MVS 1/2 - cable clamp, 1/2"

Crimp Sleeves for Wire and Cable
Steel sleeves for high tensile wire.
KEN C12 - 14/16 ga. • 100 count
KEN C23 - 12.5 ga. • 100 count
Aluminum sleeves for cable (match to cable diameter)
MVS 1/4-SLV
MVS 3/16-SLV
BFP BF049A - 3/32-SLV
BFP BF049C - 5/32-SLV

Net Clips
Used to quickly secure bird netting. UV stabilized, long lifetime
SMA CLIP - 1000/bag
SMA CLIP-100 - 100/bag

How to Build Orchard and Vineyard Trellises
47 page how-to guide with clear illustrations.
BOK ABT

Seymour Fence Pliers
Multi-purpose alloy-steel head, forged steel handles.
SEY 2T-1900 • 23 oz.

Felco C7 Wire and Cable Cutter
High quality hardened steel blades and center bolt. Stamped steel handle with non-slip grip. 7.5" OAL.
FEL C-7 • 9.5 oz.

Trellis/Wire Cutter
KEN TCTHD - 9" OAL • 12 oz.

Crimping Tool
Works with all sizes of crimp sleeves
KEN TFFG - 6.2 oz.
**Spring Clip Strainer**
Wire strainer with spring clip design. Used to tighten and tension high tensile wire, no special tools required.
WFS WASF177 • 0.6 lbs.

**Universal Wire Strainer Handle**
Can be used with WASF177. Handle designed to fit most fence strainers. Spring loaded ratchet pin, zinc plated for increased corrosion protection.
KEN TSH • 1.15 lbs.

**Inline Wire Strainer**
Inline strainer can be installed without cutting wire. Great for removing slack or releasing wire tension with changes in temperatures.
KEN SSDN • 7 oz.

**Tensioning Handle for Inline Strainers**
Use with KEN SSDN.
KEN TFD • 2.4 lbs.

**Wire Tensioning Springs**
Springs act as a shock absorber and serve to maintain proper wire tension with changes in weather.
KEN HTSHD • 1.5 lbs.

**Gripple Wire Joiner and Tensioner**
Suitable for mild steel, high tensile steel or nylon monafilament wire. Re-tension as needed.
Medium, 14-10 gauge
GRP GPM500BL-INC • 880# test
Large, 10-7.4 gauge
GRP GPL250BL-INC • 1,320# test

**GP No. 1**
Designed for use on trellises that use metal end posts. Single channel acts as an end stop against the back of a post.
GRP GP-1 • 15-8 gauge • 880# test

**Gripple Tensioning Tool**
Deliver up to 880 lbs. of tension with minimal effort.
Now with a settable tension gauge.
Just set and go for consistent tension every time.
For use on all Gripple Plus products.
GRP TOOL-5-GRIPPLE

**Gripple Starter Pack**
Package contains Gripple Tensioning tool and 50 medium gripples
GRP WJTK5-GPM-INC

**U-Hooks**
Used to hold trees and vines to trellis systems. Unique design prevents hook from sliding. Galvanized, will not expand as vine or tree grows.
2.5” or 3”
WIR U-Hooks Small
WIR U-Hooks Large

**Installation instructions:**
1. Hold U-Hook with the horizontal bend on the right side and the vertical bend on the left side - FACING UP
2. Slip horizontal bend under wire and hook it on
3. Rotate U-Hook 180° to the right
4. Hook vertical bend onto wire
The hook will NOT slip if installed this way!

**2 Ton Cable Puller**
Use with a cable puller to grip high-tensile wire while tensioning wire.
WIR KLIWIRE • 3 lbs.

**Kline Wire Pulling Grips**
Use with Kline Wire Pulling Grips.
WIR KLIWIRE • 3 lbs.

**Hayes Chain Grab Tool**
KEN TCH • 6.74 lbs.
PLANT TYING

Velcro® One-Wrap® Brand Bundle Ties
Adjustable fastener for horticulture, viticulture and floriculture. Use one product for growing and training and produce bundling. Reusable hook & loop design construction. Moss green color hook, white loop backing. Great for brambles (blackberry, raspberry, currant). Other colors and sizes available on special order. Dispenser available. Imprint design by special order. 2” overlap recommended.

VELCRO®

Arbor Tie
3/4” wide, strong, woven nylon tie. Material is similar to parachute shroud cord. Favorite of arborists. Olive green.
WEB 3/4-250G - 250’ roll
WEB 3/4-500G - 500’ roll
WEB 3/4-1500G - 1,500’ roll
White color, special order only. Case lots only.

Miracle Tie
A 1” wide, green, .012 mil thick tie for long lasting ties. This material is strong, pliable, easy to use and will not girdle or cut trees. 1” x 100’ roll. Available in 12 roll packs at discounted price.
COO 3422

Tye Tube
Tough, UV stabilized vinyl product provides excellent strong tying material for vineyard, nursery, and orchard applications. It has good elasticity, allowing for plant growth without damaging the plant. Packaged on lightweight spools. 1/8”X340’
WIR TT340 - 2 lb.

Superties
All plastic, all purpose, weatherproof, reusable, instant locking, adjustable and able to open again. 1001 home and garden uses.
TYZ ST1 - 9/16” x 6” - 1000 pkg.
TYZ ST2 - 9/16” x 8.5” - 1000 pkg.
TYZ ST3 - 9/16” x 1000’ - roll

Hard Wood Clothes Pin
NCP CLOPIN - 100/bag, 1200/case

Velcro®

One-Wrap® Brand Bundle Ties
Adjustable fastener for horticulture, viticulture and floriculture. Use one product for growing and training and produce bundling. Reusable hook & loop design construction. Moss green color hook, white loop backing. Great for brambles (blackberry, raspberry, currant). Other colors and sizes available on special order. Dispenser available. Imprint design by special order. 2” overlap recommended.
VEL 162401 - 1/2’x75’ roll

Ring Knives
ZEN RK-9 - ring size 9
ZEN RK-10 - ring size 10
ZEN RK-11 - ring size 11
ZEN RK-12 - ring size 12
ZEN RK-13 - ring size 13

4 Mil Flagging Tape - Various Colors
1/2” or 1” wide in various colors. Order 12 or more rolls and save.

<table>
<thead>
<tr>
<th>COLOR</th>
<th>1/2” x 130 feet</th>
<th>1” x 300 feet</th>
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<tbody>
<tr>
<td>WHITE</td>
<td>COO 3640</td>
<td>COO 3620</td>
</tr>
<tr>
<td>PINK-GLO</td>
<td>COO 3641</td>
<td>COO 3621</td>
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<tr>
<td>BLUE</td>
<td>COO 3642</td>
<td>COO 3622</td>
</tr>
<tr>
<td>YELLOW</td>
<td>COO 3643</td>
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<td>RED</td>
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<td>COO 3624</td>
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White color, special order only. Case lots only.

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WIR TT340 - 2 lb.

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<td>COO 3641</td>
<td>COO 3621</td>
</tr>
<tr>
<td>BLUE</td>
<td>COO 3642</td>
<td>COO 3622</td>
</tr>
<tr>
<td>YELLOW</td>
<td>COO 3643</td>
<td>COO 3623</td>
</tr>
<tr>
<td>RED</td>
<td>COO 3644</td>
<td>COO 3624</td>
</tr>
<tr>
<td>ORANGE-GLO</td>
<td>COO 3645</td>
<td>COO 3625</td>
</tr>
</tbody>
</table>

Velcro®

One-Wrap® Brand Bundle Ties
Adjustable fastener for horticulture, viticulture and floriculture. Use one product for growing and training and produce bundling. Reusable hook & loop design construction. Moss green color hook, white loop backing. Great for brambles (blackberry, raspberry, currant). Other colors and sizes available on special order. Dispenser available. Imprint design by special order. 2” overlap recommended.
VEL 162401 - 1/2’x75’ roll

Arbor Tie
3/4” wide, strong, woven nylon tie. Material is similar to parachute shroud cord. Favorite of arborists. Olive green.
WEB 3/4-250G - 250’ roll
WEB 3/4-500G - 500’ roll
WEB 3/4-1500G - 1,500’ roll
White color, special order only. Case lots only.

Miracle Tie
A 1” wide, green, .012 mil thick tie for long lasting ties. This material is strong, pliable, easy to use and will not girdle or cut trees. 1” x 100’ roll. Available in 12 roll packs at discounted price.
COO 3422

Tye Tube
Tough, UV stabilized vinyl product provides excellent strong tying material for vineyard, nursery, and orchard applications. It has good elasticity, allowing for plant growth without damaging the plant. Packaged on lightweight spools. 1/8”X340’
WIR TT340 - 2 lb.

Superties
All plastic, all purpose, weatherproof, reusable, instant locking, adjustable and able to open again. 1001 home and garden uses.
TYZ ST1 - 9/16” x 6” - 1000 pkg.
TYZ ST2 - 9/16” x 8.5” - 1000 pkg.
TYZ ST3 - 9/16” x 1000’ - roll

4 Mil Flagging Tape - Various Colors
1/2” or 1” wide in various colors. Order 12 or more rolls and save.

<table>
<thead>
<tr>
<th>COLOR</th>
<th>1/2” x 130 feet</th>
<th>1” x 300 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE</td>
<td>COO 3640</td>
<td>COO 3620</td>
</tr>
<tr>
<td>PINK-GLO</td>
<td>COO 3641</td>
<td>COO 3621</td>
</tr>
<tr>
<td>BLUE</td>
<td>COO 3642</td>
<td>COO 3622</td>
</tr>
<tr>
<td>YELLOW</td>
<td>COO 3643</td>
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</tr>
<tr>
<td>ORANGE-GLO</td>
<td>COO 3645</td>
<td>COO 3625</td>
</tr>
</tbody>
</table>
**Ours Own Heavy Duty Black Polyethylene Tree Guard**

Black, flexible, extruded polyethylene material is UV protected. This tree guard provides abundant light penetration, air circulation, and spray deposit capability for the fruit tree trunk. Easy to handle and cut to shape, this guard provides protection from voles, rabbits, and rodents when installed properly. Molded plugs speed installation. Approximately 3 1/2 diamonds per inch. Roll is 20" wide x 100' long. Approximately 60-70 guards per roll.

JDR 6715-10 • 26 lbs.

Looking buttons for JDR 6715-10 tree guard. Pkg. 200 molded plugs

Lee P0004 • .25 lb.

**Spiral Tree Guard**

Protection for fruit and ornamentals from animal and mechanical injury. White spiral special plastic expands to trunk size. 250 in a case.

GRD C270WE-18 • 18"
AML 24TP • 24"

**Sure Grip Earth Anchors**

Painted anchors with a solid welded eye and sturdy welded helix.

30" x 1/2" x 4"
OVS 30-inch
40" x 5/8" x 6"
OVS 40-inch
48" x 3/4" x 6"
OVS 48-inch

**Wooden stakes & posts sold singly, by the bundle or by the truckload**

2" Wood Tree Stakes
2" round, pointed, pressure treated lodgepole pine tree stakes.

JAS 2X8LP • 8'
JAS 2X10LP • 10'

**Pressure Treated Posts**

4" and 5" blunt-ended posts. Available in .40 CCA or .60 CCA (by special order). Sold singly, by the bundle or by the truckload.

JAS 4 x 10 ft. Other lengths
JAS 4 x 12 ft. & sizes
JAS 5 x 10 ft. available by
JAS 5 x 12 ft. special order.

**Stake Driver**

For driving wood or metal stakes into the ground. Will prevent splitting of wooden stake heads.

WWM 22 • 19 lbs.

**Duckbill® Manual Drive Steel Rods**

Duc DS 40 • 24" long steel rod with striking head
Duc DS 68 • 36" long steel rod with striking head
Duc DS 68HD • 48" long steel rod with large striking head

**Duckbill Kits contain 3 Duckbill anchors, cable to each anchor, collars and cable clamps for each cable**

DUC 40DTS • up to 3" caliper trees, 12' cables
DUC 68DTS • up to 6" caliper trees, 13' cables
DUC 88DTS • up to 10" caliper trees, 15' cables

Duckbill anchors only - just anchor with shorter cable

DUC 40DB1 • 300# cap, 20' of 1/16 gal. steel cable attached. 50/box
DUC 68DB1 • 1100# cap, 30' of 1/8 gal. steel cable attached. 24/box
DUC 88DB1 • 3000# cap, 42' of 1/4 gal. steel cable attached. 12/box

DUC 138DB1 • 5000# cap, 60' of 5/16 gal. steel cable attached. 12/box

**Duckbill® Manual Drive Steel Rods**

Duc DS 40 • 24" long steel rod with striking head
Duc DS 68 • 36" long steel rod with striking head
Duc DS 68HD • 48" long steel rod with large striking head

**Paper Tree Wrap**

4"x150" 10 rolls/carton
CLA 00304

OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431

www.oescoinc.com • Email: info@oescoinc.com
Doc Farwell's Grafting & Tree Sealer

- **Grafting Seal**
  Yellow color absorbs the correct amount of light and heat to promote graft healing. Flexible at low temperatures.

- **Seal and Heal**
  Light green colored formula provides a flexible, durable coating for tree wounds.

<table>
<thead>
<tr>
<th>Size</th>
<th>Grafting Seal</th>
<th>Seal &amp; Heal</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Gallons</td>
<td>FAR 1000</td>
<td>FAR 1100</td>
</tr>
<tr>
<td>1 Gallon</td>
<td>FAR 1001</td>
<td>FAR 1101</td>
</tr>
<tr>
<td>1 Quart</td>
<td>FAR 1002</td>
<td>FAR 1102</td>
</tr>
</tbody>
</table>

**Note:** Cannot be shipped when there is a danger of freezing. Please plan ahead!

Parafilm Nursery Grafting Tape
Waterproof, stretchable, self-sealing tape for grafting and budding of trees, shrubs, plants and flowers. Rolls are 1" wide x 30 yards long. 6 rolls/box.  
**COO 4220** • .2 lbs. per roll

**Parafilm Grafting Wax**
Since 1885. This wax can be used for grafting, budding, and top working on all kinds of fruit, ornamentals and vines. Heat in warm water to work wax.  
**CLA 00001** • 1 lb.

**Gashell**
1 lb. bar, apply by hand, will not stick to skin. Use in all temperatures. Pliable, noncaustic, product remains unchanged in all temperatures.  
**ZEL Gashell**
1 lb. bar or 50 bars to a case

Trowbridge Grafting Wax
Since 1885, Parafilm Grafting Wax can be used for grafting, budding, and top working on all kinds of fruit, ornamentals and vines. Heat in warm water to work wax.  
**CLA 00001** • 1 lb.

**Topgrafter**
- Tempered steel blades slice wood 1/8" - 1 3/4" without necessary adjustments. Won't bruise wood.  
- **ZEL TOPGRAFTER**

**Parafilm® Tape**
Waterproof, stretchable, self-sealing tape for grafting and budding of trees, shrubs, plants and flowers. Rolls are 1" wide x 30 yards long. 6 rolls/box.  
**COO 4220** • .2 lbs. per roll

**Note:** Cannot be shipped when there is a danger of freezing. Please plan ahead!

**Max Tapener**
Indispensable for growing grapes, raspberries and some vegetables.  
**SAVES TIME! VERY EFFICIENT!**

Small tapener takes 3 1/8" diameter rolls  
**MAX 3702** • 1.25 lbs.

Large tapener takes 4 3/8" diameter rolls  
**MAX 3704** • 1.75 lbs.

**Staples & Blades for 3702 and 3704 Tools**  
**MAX 3708** - Staples 604 E-L (5000/box) • each or case of 10 • 1 oz.  
**MAX 3711** - Package of 3 blades • 1 oz.

**Tape for 3702 (small) tool only:**  
**MAX 3712** - White • 3 1/8" diameter  
1/2" wide x .004 thick x 134' long • .25 lb.  
**MAX 3714** - Blue • 3 1/8" diameter  
1/2" wide x .006 thick x 87' long • .25 lb.  
**MAX 3716** - Red • 3 1/8" diameter  
1/2" wide x .010 thick x 54' long • .25 lb.

**Tape for 3704 (large) tool only:**  
**MAX 3718** - Green • 4 3/8" diameter  
1/2" wide x .012 thick x 100' long • .25 lb.

**HR-F Stapler**
This "hog ring" stapler is used in conjunction with Tye Tube (WIR TT340, page 120) or baling twine. This stapler binds together branches to wire for trellis, or vines to trellis. Must be used with **MAX 3734 blades and MAX 3732 staples**.

**MAX 3730** • Stapler tool • .50 lb.  
**MAX 3732** • Staples (1000/box) • .35 lb.  
**MAX 3734** • Blades for HR-F (10 blades)

**Omega Grafting Plier**
- Fast, easy, minimal skill needed. Make sharp, precise cuts on stems and branches when grafting.  
- **ZEL GP1-2**

**TreeKote™**
Tree wound dressing emulsion, can be mixed for cavity filler in a 2 part to 1 part cement to 3 parts sand mix.  
**CLA 00012** • 12 oz. aerosol can • 1 lbs.  
**CLA 00013** • quart • 2 lbs.  
**CLA 00018** • gallon • 8 lbs.  
**CLA 00640** • 5 gallon pail • 40 lbs.
CiderSure

Only from OESCO, Inc.

EIGHTEEN YEARS OF PROVEN RELIABILITY
FDA APPROVED CIDER PROCESSOR

- Low Power Consumption …
  All models use 120 VAC,
  1000 Watts & include
  GFI protection
- Stainless Steel Cabinet
- Lightweight … Only 150 lbs.
- Compact … 24"x24"x45"
- Effective …
  Meets FDA requirements for
  elimination of E. Coli bacteria.
  Controls crytospridium and
  salmonelita.
- Meets 21 CFR 179.39
  requirements

FLUID SYSTEMS
CiderSure has five models that process 25 to 600 GPH.
All contact materials are 304 Stainless, Quartz or Food Grade Tubing.
Inlet is 1" camlock, outlet is 3/4" camlock.

CONTROLS
Computer controlled
Fully automatic push button operation
Clean and process cycles
Automatically detects:
  Lamp failure, pump failure,
  sensor failure and low supply tank level
Unit stops when there is a detection of
  any fault preventing continued flow of raw cider.

LAMPS
Eight germicidal Ultra Violet lamps on regular sizes, ten on Mini
and sixteen on 6500.

CLEANING
Meets requirements for CIP standards
Automatic internal cleaning cycle

MODELS AVAILABLE
FPE 2500 – CiderSure Mini — 25 GPH – unfiltered juice
FPE 3500 – 100 GPH – unfiltered juice
FPE 3500B – 160-200 GPH – unfiltered juice
FPE 5500 – 250-300 GPH – unfiltered juice
FPE 6500 – 300 or 600 GPH – unfiltered juice
Double tube machine, run one tube or both

WARRANTY: One year on all parts and labor.

UV Setup Example

Buffer Tank needed between press and UV Machine - Reason: UV machine needs consistent flow.
Press has periods of high and low flow. The buffer tank provides a place to even out ebb and flow.

OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431
www.oescoinc.com • Email: info@oescoinc.com
GRATER - with stainless steel drum, stainless frame

The grater prepares the fruit for pressing. The ground up fruit is called pomace. Quality, clean, mature fruit is grated (sliced) by a stainless steel drum fitted with high carbon steel knives which pass close to a curved stainless steel plate (concave). A stainless steel grater box is supplied with a grater.

Not supplied with this grater are: pulleys, belts, motor and pomace tank (Check chart for motor size needed)

Replaceable components: The drum, concave, bearings, concave shaft, stainless steel springs, nuts & washers.

Three models of grater manufactured:
ORC 7-100 • ORC 8-100 • ORC 10-100

Sanifeed Unit/System
The Sanifeed unit contains the grater, grater box, elevator box, pomace tank, pomace pump and pomace hose. The grater motor and pomace pump motor are supplied with the unit. The elevator is optional, however, you must have some way to feed the fruit to the grater. The grater lifts 90 degrees for clearing the pomace tank.

POMACE TANK: The pomace from the grater drops into the pomace tank under the grater. The pomace pump moves the pomace from the Sanifeed through the pomace hose to the press.

POMACE PUMP: The stainless steel Liverani pomace pump can be completely disassembled for cleaning, maintenance and repair. It is easily removed from the Sanifeed for bench work or replacement.

MOTORS: Two electric motors are supplied with the Sanifeed. The grater motor and the pomace pump motor. Single or three phase motors are available. All units quoted. Manufactured in Conway, MA, USA. Switch provided for elevator motor control. Switch is float activated.

Liverani pomace pump
Stainless elevator
Nitrile belt with fruit pegs
Elevator motor
Elevator box
Grater box
Grater
Grater motor
Pomace tank
Leverani pump
Pomace pump motor
For Press
OECO22D & ORC28D
ORC 32D
ORC 36D
Hopper Capacity
3150 cu. in.
4770 cu. in.
4770 cu. in.
Grater
ORC 8-100
ORC 10-100
ORC 10-100
Pump Size
Liverani pumping unit sized to press
Height w/Elevator
70"
85"
85"
Width
28"
28"
36"
Length
40"
40"
40"
Length w/Elevator
80"
86"
108"
Motor size
3, 5 HP
3, 5 HP
5, 7 1/2 HP
Weight
800 lbs.
950 lbs.
1000 lbs.

All units quoted at time of manufacture

* At press - build cheese with rack, cloth, cheese form

Liverani pump
Nitrile belt with fruit pegs
Grater motor
Elevator box
Grater box
Grater
Graph: OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431
www.oescoinc.com • Email: info@oescoinc.com
Our vertical rack and cloth hydraulic press

Features: All presses sized by press plate size (22" = 22"x22")
Sanifeed: 22" and 28" use ORC 28D-150 Sanifeed, 32" uses ORC 32D-150 Sanifeed, 36" uses ORC 36D-150 Sanifeed

Hydraulics: Special designed hydraulic pump/reservoir package. Adjustable pressure and boost cycle.
Note: 36" press has a tie rod frame.

Size

| Size | Model Number | 22" | 28" | 32" | 36"
|------|--------------|-----|-----|-----|-----
| 22"  | ORC22D       | 80+ | 100+| 150+| 350+
| 28"  | ORC28D       | 10  | 12-15| 17-20| 20-25
| 32"  | ORC32D       | 10  | 12  | 14  | 17  
| 36"  | ORC36D       | 22 - 22" | 26 - 28" | 30 - 32" | 36 - 36"

Racks supplied

| Racks supplied | 22 - 22" | 26 - 28" | 30 - 32" | 36 - 36"
|----------------|----------|----------|----------|----------
| Cloths supplied | 20 - 40"x40" | 24 - 50"x50" | 28 - 60"x60" | 34 - 66"x66"

All electrical controls, switches, installation and wiring are customer provided
* Based on 3 pressings per hour

---

OESCO, Inc. (Orchard Equipment and Supply Co.) has been supplying cider presses since 1954. The present design is based on The Original Palmer Bros. Press manufactured until 1950 in Cos Cob, Connecticut.

Manufactured in Conway, MA - U.S.A.

The vertical rack and cloth hydraulic press utilizes polypropylene cloths and polyethylene racks to produce a high quality juice product.

Presses are manufactured in our shop in Conway, Massachusetts

All presses are quoted at time of manufacture. Manufactured in Conway, MA USA

---

Hydraulic control valve

Hose to transfer pump

Larger cider transfer pump
For 32" and 36" presses.
Magnetic drive(no mechanical seal), poly propylene impeller and case.
23 GPM . 1" female inlet, 1" male outlet, 110 V TEFC motor

ORC DB6P-M226

Manufactured in Conway, MA - U.S.A.
6" HDPE APPLE GRINDER
The perfect complement to the Lancman water operated fruit presses. Grinds a bushel of apples in 90 seconds.

- 6" HDPE (High-Density Polyethylene) drum with replaceable carbide teeth
- 115V, 1/2 HP TE (totally enclosed) motor, 1725 RPM, fan cooled with on/off switch
- Stainless steel grater box, concave and chute
- Predrilled for easy mounting
- Includes stand

ORC 6-HDPE

OESCO ELEVATOR-GRINDER
designed to use with Lancman Presses

This new elevator-grinder combination is designed to be used with Lancman presses. Double your productivity with two presses: as one is being filled, the other can be pressing. The hopper is filled by dumping boxes of apples into it or can be used with a brusher washer or conveyor for automatic feed.

- 6" HDPE grinder drum with replaceable carbide teeth
- 220V, 1 HP TE (totally enclosed) motor, single phase
- Requires electrical wiring
- On-off switch not included

ORC 6-EASY-FEED

Apple Pressing
Grind Fill Press Open Empty

See grinder & press in action
WATER OPERATED PRESSES

We import these presses from Europe. They are easy to use and very efficient. Pour ground fruit into the press, close the cover and connect the press to your garden hose.

Using household water pressure the rubber bladder expands outward, pressing the fruit evenly against the inner surface of the basket. The pressure gauge allows for accurate monitoring during pressing.

**Basic equipment:**
- 2 fixed + 2 swivel wheels for transport
- Pressing bag
- PVC cover for press

**Tilts 90° for easy cleaning. Tree fruit must be ground and grapes crushed and de-stemmed prior to pressing. Press is lightweight, made of stainless steel and works on water pressure up to 40 PSI.**

**Press is NOT designed for air pressure**

### JUICE PUMPS/WATER OPERATED PRESSES

#### Pressing Bags for Lancman Presses
- GOM 5416 - for X80 press
- GOM 5415 - for X120 press
- GOM 5414 - for X170 press
- GOM 5750 - for X250 press

#### Cider Transfer Pump
- 3/4" FPT inlet, 1/2" MPT outlet
- 115V, 1/12 HP pump
- 10 GPM
- Magnetic drive
- GRA 2P038

#### Submersible Cider Pump
- 3/4" FPT inlet, 1/2" MPT outlet
- 115V, 1/12 HP pump
- 10 GPM
- Nylon impeller
- GRA 1P322

#### CIDER EQUIPMENT CLEANER
(Oakite)

Chlorinated, alkaline detergent cleans, sanitizes and deodorizes cider processing and food processing equipment. Works for CIP or hand brush operations. Cleaner/sanitizer. It is a strong oxidizing agent.

**ORC C30** - sold by the pound

Approved for use by USDA and FDA.

### Grape Pressing

- Based on 2 pressings per hour with yield of 2.5 gallons/bushel of apples

### Table: Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VSPI-X80</th>
<th>VSPI-X120</th>
<th>VSPI-X170</th>
<th>VSPI-X250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basket Capacity Bu (ltr)</td>
<td>4.5 (80)</td>
<td>6.7 (120)</td>
<td>9.5 (170)</td>
<td>14 (250)</td>
</tr>
<tr>
<td>Press Time apples (grapes)</td>
<td>20 (40)</td>
<td>20 (40)</td>
<td>20 (50)</td>
<td>20 (50)</td>
</tr>
<tr>
<td>Estimated Yield apples*</td>
<td>22.5 GPH</td>
<td>34 GPH</td>
<td>47.5 GPH</td>
<td>65 GPH</td>
</tr>
<tr>
<td>Dimensions</td>
<td>24&quot;x24&quot;x47&quot;</td>
<td>32&quot;x32&quot;x51&quot;</td>
<td>35&quot;x35&quot;x53&quot;</td>
<td>35&quot;x35&quot;x61&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>140 lbs.</td>
<td>167 lbs.</td>
<td>182 lbs.</td>
<td>231 lbs.</td>
</tr>
<tr>
<td>Max. Pressure PSI</td>
<td>40</td>
<td>40</td>
<td>36</td>
<td>36</td>
</tr>
</tbody>
</table>
**Complete Cider Press Upgrade**

- **Upgrade your wood press**
  - Conversion of all wood to steel frame members
  - Conversion of all juice contact surfaces to stainless steel or food grade plastic
  - Steel components painted "OESCO" green

- **Sanifeed Pump Upgrade**
  - Conversion to all stainless pump body
  - Tri clamp fittings
  - Pump is easy to disassemble - Easy to clean - Easy to replace
  - Available as a kit for you to install

**Hydraulic Upgrades**

- Convert to new Hydraulic system
  - Compact, self-contained unit
  - Two speed operation with single pump
  - Reservoir/motor/pump - all one unit

**SS Concave**

- OESCO's stainless steel one-piece concave completely eliminates jamming of apples caused by pitted cast iron concaves!

**Additional Upgrade Suggestions ...**

- Change your wood elevator to a new stainless steel elevator.
- Replace wood grater and elevator boxes with stainless steel versions.
- Stainless steel grater frames are available to replace your old steel frame.
- Welding fabrication in process at OESCO.

**Contact us for upgrade information & pricing**
**BRUSHER WASHER**
Cleans Apples & Vegetables • Operates Wet or Dry • 18", 24", 30" and 36" widths available
All 42" long • Specialty Brushes Available • Can be operated up to 10° angle

- Rotating brushes so every other brush is the same speed.
- 9 rows of brushes, gear and chain drive. Good cleaning of windfall fruit or field vegetables. Entire unit may be elevated 10° and still transfer product. Can be run dry for polishing fruit.
- Machine sits against rotary table, conveyor, or hopper to remove fruit. Feed from a belt or roller inspection table.
- Overall length 42"

**Options:**
- High pressure manifold
- Dump chute for bushel boxes
- Closed drain pan with threaded fitting.

**WE WILL CUSTOM MANUFACTURE TO YOUR SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Brush Width</th>
<th>Capacity</th>
<th>Press size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORC 18-300</td>
<td>18&quot;</td>
<td>125 bu/hr</td>
<td>22&quot;, 28&quot;, 32&quot;</td>
</tr>
<tr>
<td>ORC 24-300</td>
<td>24&quot;</td>
<td>175 bu/hr</td>
<td>36&quot;</td>
</tr>
<tr>
<td>ORC 30-300</td>
<td>30&quot;</td>
<td>250 bu/hr</td>
<td>42&quot;</td>
</tr>
<tr>
<td>ORC 36-300</td>
<td>36&quot;</td>
<td>300+ bu/hr</td>
<td>45&quot;+</td>
</tr>
</tbody>
</table>

**BRUSH CHOICES**
- SF - indicates soft brushes for gentle washing, brushing and polishing of fresh fruit or vegetables.
- HD - indicates stiff brushes for aggressive washing, brushing and polishing of tough skinned fruit or vegetables (recommended for cider apples)

**Roller Inspection Table**
Move fruit or vegetables gently along while the waste falls through. The product passes personnel for inspection purposes. Available in standard length of 7' and in widths of 18", 24", and 36" with PVC rollers. Capacity of 100 bu. per hour and up.

**BRUSHER WASH**
Cleans Apples & Vegetables • Operates Wet or Dry • 18", 24", 30" and 36" widths available
All 42" long • Specialty Brushes Available • Can be operated up to 10° angle

- Rotating brushes so every other brush is the same speed.
- 9 rows of brushes, gear and chain drive. Good cleaning of windfall fruit or field vegetables. Entire unit may be elevated 10° and still transfer product. Can be run dry for polishing fruit.
- Machine sits against rotary table, conveyor, or hopper to remove fruit. Feed from a belt or roller inspection table.
- Overall length 42"

**Options:**
- High pressure manifold
- Dump chute for bushel boxes
- Closed drain pan with threaded fitting.

**WE WILL CUSTOM MANUFACTURE TO YOUR SPECIFICATIONS**

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<tr>
<td>ORC 24-300</td>
<td>24&quot;</td>
<td>175 bu/hr</td>
<td>36&quot;</td>
</tr>
<tr>
<td>ORC 30-300</td>
<td>30&quot;</td>
<td>250 bu/hr</td>
<td>42&quot;</td>
</tr>
<tr>
<td>ORC 36-300</td>
<td>36&quot;</td>
<td>300+ bu/hr</td>
<td>45&quot;+</td>
</tr>
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**BRUSH CHOICES**
- SF - indicates soft brushes for gentle washing, brushing and polishing of fresh fruit or vegetables.
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**Roller Inspection Table**
Move fruit or vegetables gently along while the waste falls through. The product passes personnel for inspection purposes. Available in standard length of 7' and in widths of 18", 24", and 36" with PVC rollers. Capacity of 100 bu. per hour and up.

**Custom lengths available by special order.**
Manufactured in Conway by our skilled workers.
Other sizes available by special order.
We can manufacture to your specifications.

**We also supply Rotary Tables, Absorber Tables, Bin Dumpers and Feed Belts**

**JAFFREY Cider and Wine Press**
A home style all wood cider press completely operated by hand. Make your own cider, involve your family and friends and experiment with differerent fruit juices. All holes are pre-drilled for ease of assembly. A 1/2" socket wrench, 1/2" box wrench, screwdriver and a hammer are needed for tools. Complete instructions are provided and it takes a few minutes to assemble. Complete press supplied with grinder. Makes 3-5 gallons/hour.

**JAF 8400 - COMPLETE PRESS**
Some assembly required. All parts included. Units shipped UPS.
JAF 8400 • 113 lbs.

**Options and Accessories**
- Nylon Press Bag
  - JAF 8035
- Adjustable Wheels
  - JAF 8040
- Wood Hopper
  - JAF 8046H
- Foxy Coat
  - JAF 8050Q
- EZ-DO Poly Gel
  - JAF 8055
- Grinder Only
  - JAF 8026C

**Grape/Soft Fruit Press Table Top Model**
(PRESS ONLY)
Not pictured.
JAF 8030

**See our website for details**
**SYPHON FILLE R**

An economical way of filling plastic jugs; will keep one person busy removing full jugs and putting empty ones in place. Handles any size container. Liquid source must be above this unit. Has float valve to control Liquid Level. Capacity 4 to 15 containers per min. depending on size of container and operator ability.

**SET SY1 • All Parts Available**

**ORCHARD BAG FILTER ASSEMBLY**

Filter for juice designed as a gravity drop assembly. Consists of a 7” celcon adapter head, tapped 1 1/2” NPT (F) and a 7”x16” bag strainer with snap ring which snaps onto the head. Order both pieces for complete unit. Bag filters available separately.

- **CAL 8068K** - Adapter head only
- **CAL 7668K** - 100 micron 16” L Bag
- **CAL 7672K** - 150 micron 16” L Bag
- **CAL 7777K** - 200 micron 16” L Bag
- **CAL 7843K** - 5 micron x 32” long bag
- **CAL 7848K** - 100 micron x 32” long bag
- **CAL 7772K** - 150 micron x 32” long bag
- **CAL 7777K** - 200 micron x 32” long bag
- **CAL 7788K** - 400 micron x 16” long bag
- **CAL 7792K** - 800 micron x 16” long bag

**PLASTIC CIDER PRESS RACKS**

Formed and shaped polyethylene rack designed to nest inside each other. All the juice comes to the outside of the rack and runs off. Easy to clean and sanitize. Fits any rack & cloth press. Remove outer lip for the bottom rack.

- **DAY 17”x17”** - 17” sq. rack
- **DAY 22”x22”** - 22” sq. rack
- **DAY 24”x24”** - 24” sq. rack
- **DAY 28”x28”** - 28” sq. rack
- **DAY 32”x32”** - 32” sq. rack
- **DAY 36”x36”** - 36” sq. rack
- **DAY 45”x45”** - 45” sq. rack

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- **DAY 28”x28”** - 28” sq. rack
- **DAY 32”x32”** - 32” sq. rack
- **DAY 36”x36”** - 36” sq. rack
- **DAY 45”x45”** - 45” sq. rack

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- **CAL 8068K** - Adapter head only
- **CAL 7668K** - 100 micron 16” L Bag
- **CAL 7672K** - 150 micron 16” L Bag
- **CAL 7777K** - 200 micron 16” L Bag
- **CAL 7843K** - 5 micron x 32” long bag
- **CAL 7848K** - 100 micron x 32” long bag
- **CAL 7772K** - 150 micron x 32” long bag
- **CAL 7777K** - 200 micron x 32” long bag
- **CAL 7788K** - 400 micron x 16” long bag
- **CAL 7792K** - 800 micron x 16” long bag

Rubber Apron

Heavy duty brown rubber apron with bib. Cotton neck and waist ties. Reinforced stitching at edges. 36” x 56” L

An excellent choice for food/produce handling. Resistant to fats, oils, grease, chemicals, punctures and abrasion.

**BOS A1**

**Klorman® Automatic Chlorine Dispenser uses Hypochlor cartridges (calcium hypochlorite) to provide an exceptionally reliable and effective means of safe chlorination of agricultural water compared to liquid bleach (sodium hypochlorite).**

**GOOD FOR IN-LINE CHLORINE DOSING IN CIDER PRODUCTION**

- Chlorine dosing regulated by turning cap to depress basket into waterflow.
- Basket containing chlorine tablet
- Water flows gently over chlorine tablets in bottom of basket. Chlorine dosing is dependent on depth of basket in water.

**CALL FOR MORE INFORMATION ON INSTALLATION OF KLORMAN® SYSTEMS IN CIDER OR AGRICULTURAL SYSTEMS**

**Press Cloth**

For hydraulic rack & cloth juice presses

Polypropylene thread cloth for use in juice production. Excellent strength and wear characteristics. DO NOT DRY IN HIGH HEAT. DO NOT EXPOSE TO CONTINUOUS SUNLIGHT. First rinse must be in cold water. Available sewn or bulk.

**Press Cloth Sizes:**

- **ORC 30x30** - 30”x30”, For 17” press
- **ORC 40x40** - 40”x40”, For 22” press
- **ORC 50x50** - 50”x50”, For 28” press
- **ORC 60x60** - 60”x60”, For 32” press
- **ORC 66x66** - 66”x66”, For 36” press
- **ORC 72x72** - 72”x72”, For 42” press
- **ORC 80x80** - 80”x80”, For 45-55” presses

**Chlorine Test Papers**

Chemically treated paper strips change color to indicate sanitizer level. 200 test strips and color chart in a waterproof plastic vial.

**LMC 4250BJ**

**Many of our items are sewn on the OESCO premises**
**APPLE PEELER**
Peels, slices and cores all in one operation.
The blade automatically adjusts to the contour of the apples, pears or potatoes.
**BTB VKP1011 - Clamp Style (pictured)**
**BTB VKP1010 - Suction Lock Style (not pictured)**

**White Oak Cider & Wine Kegs**
New oak kegs available paraffin lined or clear sap wood, charred. These high quality kegs are hand crafted with six galvanized hoops installed for durability. GIB 2, 3, 5, 10, 15, and 30 gallon available.

**Used Whiskey Barrels**
50 gallon charred oak bourbon whiskey barrels used one time only for whiskey.
Call for availability.
**ORC 50Gallon**

**Used Whiskey Barrels**
50 gallon charred oak bourbon whiskey barrels used one time only for whiskey.
Call for availability.
**ORC 50Gallon**

**SULPHUR BURNING BUNG**
Use this bung to hang a burning sulphur strip in the barrel to sweeten the barrel.
**ORC C125**

**SULPHUR BURNING STRIPS**
Preserve your barrels and avoid spoilage by burning sulphur in barrel after it is emptied. Simply rinse barrel, then insert sulphur strip and burn. After burning, bung tight and interior sweetness is preserved for next season. Strips sold individually.
**LDC 8310**

**TWIN BUBBLE AIR LOCK ASSEMBLY**
A twin bubble fermentation air lock assembly consists of two bubbles in an air lock tube which is inserted into a rubber stopper. *STOPPERS SOLD SEPARATELY.*
**LDC 4602**
*Specify size of stopper. See price list for stopper sizes.

**STAINLESS STEEL FAUCET**
Fits standard 1/2" pipe fitting; easily disassembled for cleaning. Lock open, snap action closing, simple to operate, long lasting.
**SET ST3**

**THERMO-PLASTIC FAUCET**
Same as above but completely fabricated of plastic. 1/2" pipe fitting.
**SET SPW**

**PRESSURE SENSITIVE LABELS**
Imprinted labels for cider use. Optional custom printed Sweet Cider labels are available.
**ORC PS1** - Sweet Cider label with custom imprint. 500/roll; min. 5,000 labels. Call for quote. Label measures 2 1/2" x 3 3/4". "Sweet Cider, Keep Refrigerated, Made From Sound Ripe Apples"
**ORC PS2** - Sweet Cider label. 500/roll; priced per 1,000 labels. Label measures 2 1/2" x 3 3/4". "Sweet Cider, Keep Refrigerated, Made From Sound Ripe Apples"
**ORC PS4** - Sweet Cider label (small size). 1,000/roll; min. 1,000 labels. Label measures 1 1/2" x 2 1/2". "Sweet Cider, Keep Refrigerated, Made From Sound Ripe Apples"
**DAY CWL** - Warning label. Required by HACCP. 1,000/roll, min. 1,000 labels. Label measures 2" x 1". "Warning: This product has not been pasteurized and therefore may contain harmful bacteria that can cause serious illness in children, the elderly, and persons with weakened immune systems."

**FOOD GRADE LUBE**
USDA approved white grease for use in juice and food production machinery. Standard grease tube only.
**ORC C-20 - tube (10 tubes/case)**

**PETRO-GEI (TECHNICAL WHITE)**
Tasteless, odorless lubricant for stainless steel fittings and machinery.
**ORC C25 - 4 oz. tube only**

**PARAFFIN WAX**
High grade paraffin in 10lb. blocks
**ORC C10 - 10 lb. Blocks only**

**CIDER EQUIPMENT CLEANER**
Chlorinated, alkaline detergent cleans, sanitizes and deodorizes cider processing and food processing equipment. Works for CIP or hand brush operations. Acceptable cleaner/sanitizer by USDA and FDA. It is a strong oxidizing agent.
**ORC C30 - (Oakite) sold by the pound**

**PRESSIVE PRESERVATIVE**
Sorbic (Potassium Sorbate)
Food and beverage preservative added to product per label "Keep Product Under Refrigeration."
**ORC C-50 - 55 lb. Box only**

**PRESS AID**
**SILVACEL**
Shredded wood prevents pomace slipping and sticking to the cloth. Use with over mature fruit to assist in production.
**ORC C40 - 45 lb. Bag only**

**SUPERCEL (DIATOMACEOUS EARTH)**
Filter agent use as labeled for filters and/or cloth in juice, syrup and food.
**ORC C60 - 50 lb. Bag only**

**RICE HULLS**
Provides channels for juice to flow freely. Effective in keeping racks from sliding sideways. Helps with maximum yield when pressing grapes in a Lancers press.
**ORC RICE-HULLS - 45 lb. Bag only**

OESCO, Inc. Route 116, Conway, MA 01341 • 413-369-4335 • 800-634-5557 • Fax 413-369-4431
www.oescoinc.com • Email: info@oescoinc.com
Plastic Picking Buckets
WEL 7P104 - jumbo bucket - foam liner, cordura bottom - skirt, 3/4 bu. cap. • 4.8 lbs.
WEL 7P105 - jumbo bucket - foam liner, padded cordura solid bottom - skirt, 3/4 bu. cap. • 5.5 lbs.

Picking Bag
No supporting plastic sides
WEL 73187 - #80S - picking bag, cordura material 1 bu. cap., 30" deep • 2.6 lbs. (not pictured)
WEL 73396 - #80SL - long picking bag, cordura material - 1.3 bu. cap., 36" deep • 2.8 lbs.

Spare Parts Available
Bottoms:
WEL 73609 - #1 cordura bucket bottom, 1/2 bu.
WEL 73611 - #1 cordura, padded bucket bottom, 1/2 bu.
WEL 73724 - jumbo cordura bucket bottom, 3/4 bu.
WEL 73725 - jumbo cordura, padded bucket bottom, 3/4 bu.
WEL 7P276 - laminated foam liner

Straps:
FRI S108 - 2" wide x 108" long

Harness:
WEL 73486 • 12 oz.

Padded Harness:
Heavy duty padded comfort harness for bag or bucket.
WEL 73488 • 12 oz.

All parts available for both old & new style buckets.

Wells & Wade Harvest Equipment
OESCO has been selling this product for decades. We liked it so much we bought the company!

Still FRIEND - Still Made in the U.S.A. Only from OESCO

**Improved Special Bucket**
Heavy duty, reliable, strong, with replacement parts. Solid, high density polyethylene bucket with a metal frame and a closed cell foam liner. Buckle held skirt is front released.
- FRI IS2 - 1/2 bu. - yellow skirt • 5.7 lbs.
- FRI IS3 - 3/4 bu. - red skirt • 6.2 lbs.
- FRI IS4 - 1 bu. - blue skirt • 6.7 lbs.
- FRI IS2SB - 1/2 bu. - yellow padded bottom • 6.3 lbs.
- FRI IS3SB - 3/4 bu. - red padded bottom • 6.8 lbs.
- FRI IS4SB - 1 bu. - blue padded bottom • 7.3 lbs.

**Deluxe Special Bucket**
Same as above but has a rope-held skirt which is side released.
- FRI DS2 - 1/2 bu. - yellow skirt • 5.7 lbs.
- FRI DS3 - 3/4 bu. - red skirt • 6.2 lbs.
- FRI DS4 - 1 bu. - blue skirt • 6.7 lbs.
- FRI DS2SB - 1/2 bu. - yellow padded bottom • 6.3 lbs.
- FRI DS3SB - 3/4 bu. - red padded bottom • 6.8 lbs.
- FRI DS4SB - 1 bu. - blue padded bottom • 7.3 lbs.

**Improved Appeach Bucket**
- FRI I2 - 1/2 bu. - yellow skirt • 3.1 lbs.
- FRI I3 - 3/4 bu. - red skirt • 3.25 lbs.
- FRI I4 - 1 bu. - blue skirt • 3.5 lbs.

**Deluxe Appeach Bucket**
Lightweight! Same as above Appeach but has rope held skirt which is side released.
- FRI D2 - 1/2 bu. - yellow skirt • 3.1 lbs.
- FRI D3 - 3/4 bu. - red skirt • 3.25 lbs.
- FRI D4 - 1 bu. - blue skirt • 3.5 lbs.

**Orchard Kraft Picking Bag**
Lightweight! No Support! Adjustable capacity! Lightweight and versatile picking bag which is Cordura fabric constructed with rope held bottom adjusts to hold 7/8 Bu. of fruit or produce. Ropes hook at sides.
- FRI OK - red fabric • 2 lbs.

**Orchard Kraft Utility Bag**
Recommended to use for peaches Lightweight and adjustable capacity. Manufactured from Cordura fabric (snap held bottom). Adjusts to hold up to 3/4 Bu. of fruit or produce. Includes waist strap.
- FRI UB - yellow fabric • 1.75 lbs.
Tripod (3 legs) Wood Ladders

Traditional, wood, 3 leg fruit harvest ladders. Sturdy, self supporting design. Excellent for smaller fruit trees, bushes, other agricultural crops.

- Rails are air dried big tooth aspen
- Rungs only, no steps, are ash hardwood
- Third leg is 1 5/16" x 2" big tooth aspen
- Wood treated and protected for moisture and UV
- Pointed top approximately 3' above last usable rung
- Weighs 3 lbs. per foot

Stocked sizes
BAL W06-TRI - 6' Length
BAL W08-TRI - 8' Length
BAL W09-TRI - 9' Length
BAL W10-TRI - 10' Length
(Example: 8 rungs and 10’ 7-1/2” OAL on W10 TRI)

Special Order Only
BAL W07-TRI - 7’ Length

Stocked sizes
BAL W10-PT - 10 feet
BAL W12-PT - 12 feet
BAL W14-PT - 14 feet
BAL W16-PT - 16 feet
BAL W18-PT - 18 feet
BAL W20-PT - 20 feet

Open Top
BAL W10-OT - 10 feet
BAL W12-OT - 12 feet
BAL W14-OT - 14 feet
BAL W16-OT - 16 feet
BAL W18-OT - 18 feet
BAL W20-OT - 20 feet

ALUMINUM FRUIT HARVEST LADDERS
METALLIC LADDER MFG. CORP.
MANUFACTURES OUR METAL LADDERS

Hand Refractometer
Accurate, fast determination of Brix in grapes, apples, and other fruits. One drop of sample required. Temperature compensated measurements are read directly and instantly. Scale 0-30” in 0.2” divisions.
VWR 55680-302

Dial Fruit Pressure Tester
The Effegi dial pressure tester is a small tester which can be used in the field as well as in the laboratory. Supplied in small case with two tips for testing apple, pear, and stone fruits.
WAG FT30 - .5 lb.

Loop Fruit Sizer
Poly handled sizer with metal sizing loop.
0.8"-4" or 20-100 millimeters.
WIR LS4 - 4 oz.

Fruit Sizing Plate
7 3/4"L x 6"W x 3/16" thick. Aluminum alloy cast plate with 2", 2 1/4", 2 1/2", 2 3/4" and 3" holes.
ORC PH-ASS - .5 lb.

Fruit Sizing Rings
4" x 5" x 7/8" thick apple sizing rings; set of 17 sizes, range of 2 1/8" - 3 5/8".
Poly plate with cut out circles.
WIR PSR - .2 lb.

Many sizes in stock - Others sizes by special order Call for availability

Shipped by our truck or LTL Freight only

Caution! Ladders can conduct electricity and be dangerous to your health and safety. Do not use ladders near energized electrical lines or equipment.
PRUNING AND HARVEST AGRICULTURAL TRIPOD LADDERS

This ladder works well on uneven ground. For use in outdoor applications only.

These heavy duty, high quality, lightweight, sturdy agricultural ladders are manufactured in Washington State.

This 3 leg, tripod style works very well on soft or uneven ground. Very stable. For use outdoors only.

Features include:
- All aluminum construction
- Extra strong extruded aluminum side rail
- Solid aircraft aluminum rivets throughout
- Full 3” wide step with non-skid ribs
- Sturdy aluminum 3rd leg complete with wood dowel on ground end
- Heavy duty top bracket/pivot
- Weight approximately 2.5 lbs./foot of length
- Repair parts available

Truck delivery/ LTL truck freight only

Check these features!

CAUTION! Ladders can conduct electricity and be dangerous to your health and safety.
Do not use ladders near energized electrical lines or equipment.