

The logo for KME AgroMax features the letters 'KME' in a bold, black, sans-serif font. The letter 'M' is stylized with a red triangle pointing downwards from its center. Below 'KME', the word 'AGROMAX' is written in a green, sans-serif font, with 'AGRO' in a lighter shade and 'MAX' in a darker shade. The entire logo is set against a white background and is enclosed within a thin red circular line.

KME-AGROMAX GmbH • Holderackerstr. 6 • D-79346 Endingen • ☎ +49(0)7642 3233 • info@kme-agromax.de • www.kme-agromax.de

Welcome to KME-AGROMAX

Tradition and Quality

Functionality, reliability, and sturdiness - the essential features of a good product, and what we at KME-AGROMAX have made our hallmark values since the company was founded in 1900.

MAX Tapener Tying Tools (page 4) simplifies daily work in nurseries as well as in wine and fruit orchards. We only use high quality and certified raw materials for the production of the original MAX Binding Tapes (page 5). We produce optimal binding tape for every purpose – from durable to biodegradable.

We have developed our own acoustic animal repeller, the ultraSon (back cover), which has proven successful for 40 years in agriculture and industry worldwide.

In addition, we offer the FIX Winder (page 11) to simultaneously remove and windup old wires, cords and irrigation tubes. Our FIX Wire Spinner (Spinning Jenny) (page 10) allows the rapid installation of a wire frame or fence.



Our new product is FROLIGHT (page 9); by using leading-edge infrared and smartphone technology this automated system protects against spring frost.

We are a 4th generation family business that prides ourselves on our roots, partners and professional competence. We guarantee excellent quality products with reliable performance as well as expert advice. We meet our customers' needs with a hybrid model of our own products and those of the renowned Japanese manufacturer MAX. We look forward to serving you as a KME-AGROMAX customer.

Warmly from sunny Eendingen in
SouthWest Germany

Elke Müller
Managing Director



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Back cover

- ultraSon acoustic animal repeller
- ZON Gas Cannon

Product videos:



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ultraSon® is registered trade mark of KME-AGROMAX GmbH

Product subject to change without notice. Printing colors may differ from the original.

MAX Tying Tool HR-F



MAX Tying Tool HR-F

No. 7810

Ideal for tying branches, stems and young grapevine. Uses staples instead of tying knots. The special tying tube is elastic and expands to let the plants grow.

- Increased efficiency
- 3 times faster than conventional way
- Simple operation

MAX HR-F Spare Blade Set

No. 7812

10 pcs. per set



MAX Staples G1305M

No. 7811

1.000 pcs. per box



KME Special Tying Tube for HR-F Tying Tool

No. 7751

- Extra thick wall for more permanent ties
- 100 m, Ø 4 mm



Practical Waist Bag

No. 7950

- 2 big pockets
- Light and durable
- Wide, adjustable belt
- Comfortable to wear
- About 28 cm x 28 cm

MAX Tapeners



MAX

ENGINEERED FOR
PERFORMANCE

MAX Tapener HT-R45C **NEW**

No. 7848

Our premium Tapener. Extra strong magazine.



- Great time saver: Binds 3 x faster than by hand
- Binds plants gently
- Scrap free
- Weight only 430 g
- Easy clinching – 50 % reduced effort
- Easy and fast changing of staples and tape

MAX Tapener HT-RS Slim

No. 7846

... in tight situations



- Narrow clasp arm - ideal for dense woody plants
- Smaller opening for faster gripping
- Shorter handle distance - for easier clinching and pressing

MAX Tapener HT-R

No. 7844

Predecessor model of the new binding pliers HT-R45C



MAX Tapener HT-B1

No. 7847

Low-cost alternative to the premium model HT-R45C



- Opening 45 mm

MAX Staples 604E-L

No. 7801

4.800 pcs. per box



MAX Box for Staples

No. 7815

Sturdy plastic box. Staples stay dry and protected from breaking.



MAX Replacement Blade for HT-R

No. 7845

2 pcs. per set



Blade replacement
video instruction

MAX HT-R Starter-Set

No. 7844.10

MAX Tapener HT-R, 1 box staples (4.800 pcs) and 3 rolls tape in a practical case.



MAX HT-R45C Starter-Set

No. 7848.10

MAX Tapener HT-R45C, 1 box staples (4.800 pcs) and 3 rolls tape in a practical case.



MAX Tapener HT-S45E

No. 7940

For extra strong bindings with non-elastic fabric tape.

Attention: Special staples and tape required!

(see below)

- Opening 45 mm (same as HT-R)
- Weight 540 g



MAX Staples 404 F-L

No. 7941

3.000 pcs. per box



MAX Tarpaulin Tape T32B

No. 7942

- Material similar to fabric tarpaulin
- Width 9 mm, length 32 m, thickness 0.25 mm
- NOT elastic, does not stretch
- 5 rolls per box



MAX[®] Original Binding Tape

Best all-purpose binding tape*!



ORIGINAL MAX[®]

German Quality Product
Own production



NEW!

	SUPER MAX			MAX Tape PVC			MAX BIO-Tape	MAX BIO-Tape	MAX BIO-Paper Tape
	Tear resistant, durability ca. 2 years, even cuts at higher temperatures			Very high elasticity, high tension, durability more than 2 years, REACH-conform, break resistance at temperatures up to -30°, phthalate free			Lasts 2 - 3 years on the plant. No microplastics in the soil**	Lasts 1 - 2 years on the plant. No microplastics in the soil**	Lasts about 1 year on the plant. No microplastics in the soil**
Material	Polyethylene (PE)			Polyvinylchloride (PVC)			Bioplastics based on sugar producing plants		Cellulose from Corn
Thickness, mm	0.10	0.15	0.20	0.10	0.15	0.25	0.13	0.09	0,13
Length, m	40	26	20	40	26	16	30	40	30
Color	green blue ¹ red ¹ white ¹ light-green ¹ yellow ¹ orange ¹ pink ¹ purple ¹	green, blue, red		green white yellow red blue	green blue	green red	brown green	brown green red ¹ yellow ¹ blue ¹ white ¹	white
ORIGINAL MAX Tape and staples ensure a long and trouble-free lifetime of your Tapener. <i>Many other makes wear out the Tapener due to excessive strength or hardness.</i>									
Vineyards									
Young plants (stem)		▲	▲		▲	▲	▲		
Binding branches		▲					▲	▲	▲
Binding branches (bow)		▲					▲		
Binding young shoots	▲						▲	▲	▲
Orchards / Horticulture									
Bindings lasting several years									
Up to 150 cm height		▲			▲		▲		
Up to 200 cm height			▲			▲			
Binding of woody plants			▲			▲	▲		
Tomatoes		▲	▲		▲	▲	▲		
Nurseries									
Tagging of plants	▲			▲				▲	▲
Pot and container plants							▲	▲	▲
Up to 100 cm height	▲			▲			▲	▲	▲
Up to 150 cm height		▲			▲		▲		
Up to 200 cm height			▲			▲			
Fruit Trees		▲			▲		▲		
Ornamentals		▲			▲		▲		
Hedge plants		▲			▲		▲		

* Recommended applications

¹ Also available as flagging tape 25 mm width, 100-m- and 40-m-roll

Packing unit: 1 box = 10 rolls, 1 carton = 30 boxes. Further types on request.

** All components are home-compostable. In the soil at local temperatures, depending on the weather, within months or years.
Even cuts well in hot temperatures.

Binding and Marking

BIO Tying Tube **NEW!** from grape skin

This unique binding tube guarantees natural decomposition in the soil - no harmful residues

- Decomposition time approx. 1 year (depending on temperatures and microorganisms)
- Durability on the plant up to 5 yrs.
- Very tear-resistant and elastic - knots well, grows with the plant

No. 7752 Ø 3 mm, 100 m, brown (1 pack = 30 rolls = 13,4 kg)

No. 7753 Ø 4 mm, 100 m, brown (1 pack = 20 rolls = 11,4 kg)

Tying Tube for tying by hand

- 100 m spools, ideal tube dimensions for easy tying
- Strong and flexible
- High quality - elastic - long lasting

No. 7850A Ø 3 mm, 100 m, black

No. 7851A Ø 3 mm, 200 m, black

No. 7855A Ø 4 mm, 100 m, black

No. 7860A Ø 5 mm, 100 m, black

No. 7861A Ø 5 mm, 100 m, green

No. 7870A Ø 7 mm, 100 m, black

No. 7871A Ø 7 mm, 100 m, yellow

No. 7872A Ø 7 mm, 200 m, yellow

Further dimensions on request

Premium Tying Tube with rubber/gum

- Easy tying, elastic, long lasting, weatherproof (-35 to 70° C).
- Ø 4,7 mm, length 150 m, 1.5 kg

No. 7768 orange

No. 7769 brown

KME Special Tying Tube

No. 7751

- Recommended for use with Tying Tool HR-F
- Extra thick wall for more permanent ties
- Ø 4 mm, 100 m

Textile Strip

No. 7780

- Made of cotton
- Elastic - grows with the plant
- Length 80 m, stretches up to 160 m
- Durability about 3 years
- Recycling product - weight and width may vary

Practical Waist Bag

No. 7950 Details see p. 3



BIO Wrapping Tape

The slightly stretchable tape is suitable for fixing young vines, trees and other plants. Lasts about 2 years on the plant. Biodegradable.

50 mm width, 100 m long

No. 7738 brown

No. 7739 green

30 mm width, 100 m long

No. 7738.30 brown

No. 7739.30 green

Further dimensions on request

BIO



Flagging Tape

Width 25 mm, length 100 m

No. 7782 PE, red

No. 7783 PE, blue

No. 7784 PE, yellow

No. 7785 PE, white

No. 7781 PE, light green

No. 7786 PE, purple

No. 7788 PE, orange

No. 7789 PE, pink



BIO Flagging Tape

Width 25 mm, length 100 m

No. 771.25 red

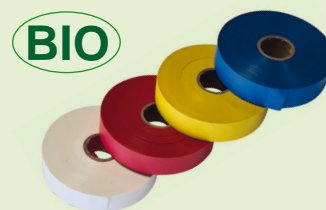
No. 772.25 yellow

No. 773.25 blue

No. 774.25 white

Also available in length 40 m

BIO



Jute Wire String

No. 7902

- Reliable throughout the whole season
- Easy release when branches are cut
- Jute is soft and supple
- Glides smoothly preventing skin burn
- A natural product
- 250 g, 190 m p. roll



Spool case for jute wire string

No. 7930

- For jute wire string, Padra tying thread, raffia
- Screw top



Ring Knife

No. 7765

- Ideal for cutting tubes, raffia, tape, twine, textile thread
- Open ring, fits all size fingers



Binding and Fastening

FIX Twister

- One hand wire tying tool for securing vines, berries or other plants to trellis wires
- Twist & Cut – finished
- Simple and fast
- Lightweight and handy



FIX Twister M

No. 7903

- 172 g, length 21 cm
- Cutting diameter up to 2 cm



FIX Twister L

No. 7904

- 302 g, length 21 cm
- Cutting diameter up to 3 cm



FIX Drip Pipe Clipper M/L **NEW!**

Quick installation of drip pipes

Modell M - for pipes 13 - 16 mm

No. 7305

Modell L - for pipes 17 - 20 mm

No. 7307



Product video



Staples for FIX Drip Pipe Clipper, galvanised

No. 7306 Staples for pipes 13 - 16 mm, 1.080 pcs.

No. 7308 Staples for pipes 17 - 20 mm, 1.080 pcs.

BIO Tree patch, tree protection film, wound protection film, trunk film, underlay foil

No. 7982 Width 650 mm, length 50 m, brown

No. 7983 Width 650 mm, length 50 m, green

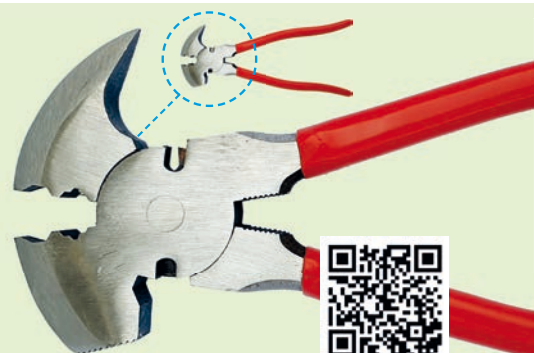


BIO

FIX Multi Tool

No. 7905

- The universal tool for working with wire
- Pulling out nails, staples and wire loops
- Cutting of wire up to Ø 5 mm
- Also suitable as hammer and biting plier
- Closing of **FIX** Aluminium Brackets (see below)
- Weight: 675 g, length: 265 mm



Product video

FIX Aluminium Brackets

No. 7910

- For repairing plastic wires Ø 3 mm
- For making wire loops
- 100 pcs. per bag



Mini-Stapler Mod. 1200

No. 7300

- For fence construction
- For closing bags or tying tubes



Mod. 1200 /1300

Mini-Stapler Mod. 1300

No. 7303

- For fence construction
- For attaching anti-hail net to 8-mm steel bar
- For closing bags and nets

Staples for Mini-Stapler, galvanised

No. 7302.3000 Staples A-18, for Mod. 1200, 3.000 pcs./box

No. 7304 Staples A-20, for Mod. 1300, 1.000 pcs./box

MAX Stapler HD-10D

No. 7823

Small but mighty:

NEW!

- Weighs only 100 g
- Magazine for 100 staples
- Ergonomic: secure grip and low effort



MAX Staples for Stapler HD-10D

No. 7821 1.000 pcs., for HD-10D

No. 7824 3.500 pcs., for HD-10D



MAX Bundling and Packing

MAX Bundling Machine HT-M2

No. 7601 Table Top Version

No. 7602 Foot Pedal Version

Bundle easy and fast: Asparagus, leek, carrots, rhubarb, flowers and more.



- Table top (hand operation) and foot pedal (foot operation) version available
- One single action and the bundle is finished
- Save tape as only the tip is glued
- Bundling is gentle and hygienic – does not stick to the food
- Bundles can be washed



MAX Bundling Gadget

No. 7608

For bundling of smaller items, e.g. herbs.



MAX Special Adhesive Tape

No. 7620

- Food compatible, waterproof
- Length 100 m, width 20 mm
- Color green



MAX Packner Clipper HR-PSII

No. 7203 Table Top Version

No. 7204 Foot pedal version

- Seals poly-bags air- and water tight
- Closes nets and poly bags up to 3 kg with a single touch, no twisting!
- Pull down the lever lightly for secure closing with an aluminium staple.
- Different nets are available.



MAX Staples 711 VO-AR

No. 7250

Aluminium staples 11 mm x 7 mm, 2.000 pcs. per box with blunt ends to prevent damage to bags or netting

MAX Staples 713 VO-AR

No. 7251

Aluminium staples 13 mm x 7 mm, 2.000 pcs. per box with blunt ends to prevent damage to bags or netting

MAX Filling Device

No. 7205

Funnel and removable net tube

Carefree Protection against Spring Frost

NEW

FROLIGHT®

The system for carefree protection against spring frost

- Fast and flexible installation
- Simple operation
- Convenient control from smartphone or computer

The system automatically switches on and off at pre-set temperatures. No more labor-intensive nights.

The even distribution of the infrared modules ensures more efficient energy distribution - whether radiant frost or wind frost. This makes FROLIGHT unique on the market.

FROLIGHT works with infrared radiation as a direct heat transfer medium between the heat source and the plant. This means that in contrast to conventional methods (e.g. candles) there are no major energy losses due to wind or rain.

FROLIGHT Base Unit

No. FLGCUA

- For up to 1.200 m infrared tube
- Weight 14 kg

FROLIGHT Extension Unit

No. FLGCUB

- Extends the Base Unit
- For additional 1.200 m infrared tube
- Weight 14 kg

Infrared tube, incl. 10 m electrical cable

- No. FLH M025 Roll 25 m, 8 kg
- No. FLH M050 Roll 50 m, 11 kg
- No. FLH M075 Roll 75 m, 16 kg
- No. FLH M100 Roll 100 m, 20 kg
- No. FLH M125 Roll 125 m, 24 kg
- No. FLH M150 Roll 150 m, 28 kg



MAX Tapener HT-45C

Simple and quick attachment of the infrared tube to the vine.



MAX BIO Binding Tape

For Tapener



FIX Winder Hydraulic

Winding and unwinding infrared tube

No. 1621

Plastic Drum

Ø 800 mm

No. 1623



Product video



FROLIGHT is already being used successfully in many countries.
100% certainty of protection!



FIX Spinner/Uncoiler

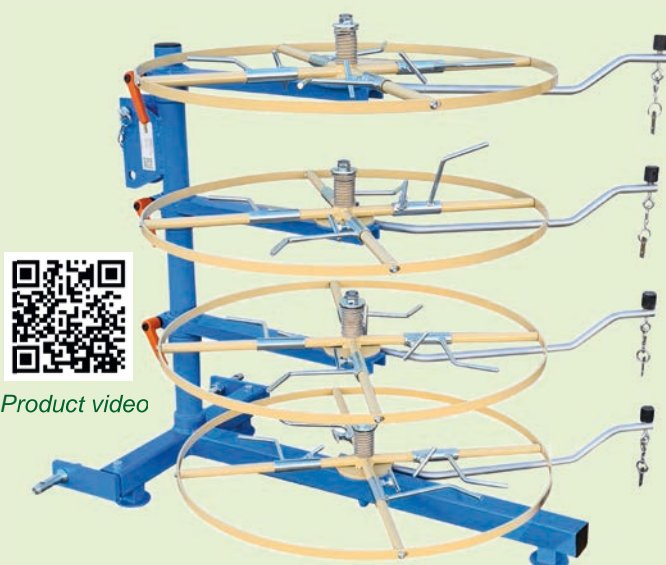
FIX Spinner/Uncoiler

Drawing wires in young vineyards, orchards, berries.

- Adjustable tensioning system
- Reels that swing out
- Wire guide
- 3-point-suspension

The wires are simultaneously uncoiled and manually fastened to the poles while the tractor is in motion. A second person walks along with the tractor to fasten the wires. The reels are equipped with an adjustable brake, permitting a smooth uncoiling of wires. The reels can be swung out to facilitate loading new wire rolls.

- No. 1630** 3-part 1160 x 820 x 750 mm, 75 kg
No. 1640 4-part 1160 x 820 x 1000 mm, 87 kg
No. 1650 5-part 1160 x 820 x 1250 mm, 99 kg
No. 1660 6-part 1160 x 820 x 1500 mm, 111 kg

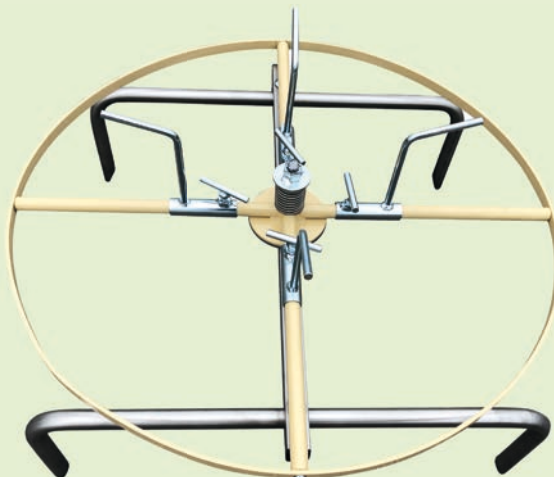


Product video

Reel for one coil

No. 1617

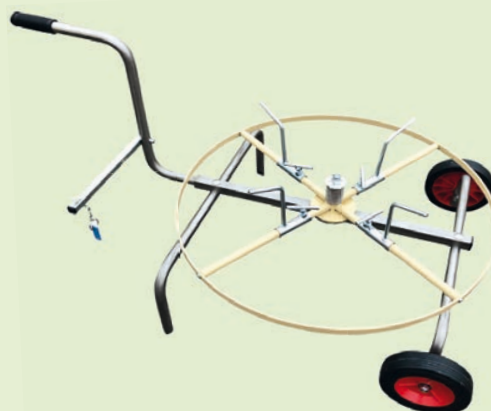
Portable robust design with a tensioning system to control the speed, 800(Ø) x 320 mm, stainless steel frame, weight 10 kg



FIX Reel for one coil

No. 1616

Mobile (2 wheels), with wire guide and recoil brake. Robust design with a tensioning system to control the speed. Stainless steel frame, weight 13.5 kg. Reel 800 mm Ø, height 690 mm.



FIX Aluminium Brackets

No. 7910

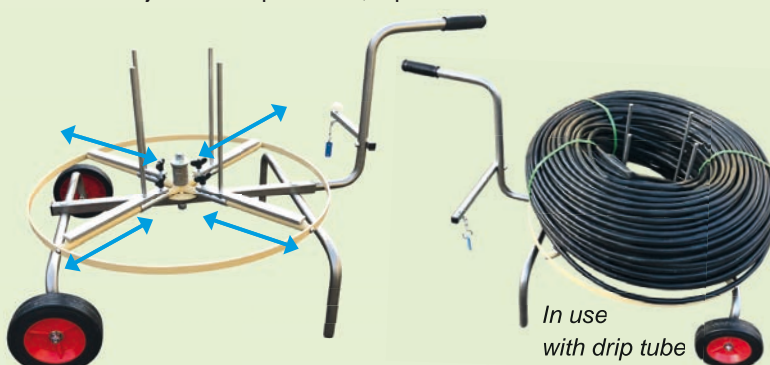
For repair of plastic wire 3 mm Ø (ATLAS, BAYCO)



FIX Ring-Expansion for drip tube

No. 1615

Adjustable/expandable, 4 pcs.



In use with drip tube

Subject to technical changes

FIX Winder Hydraulic

FIX Winder Hydraulic
(Base unit without drum)

No. 1621

Product video



- Direct drive with hydraulic engine
- The drum is easily operated with a lever
- Letting go of the lever stops the drum
- Can be used manually (free wheel)
- 3-point-suspension (cat. 1)
- 140 rotations per min
- Sturdy frame
- Dimensions: 930 x 750 x 1130 mm, 63 kg

Frame Expansion (optional)

No. 1621.1

Drip tube is uncoiled while the tractor is in motion (no assistance needed). Enables 90° rotation of the frame.



Hydraulic Speed Regulation (optional)

No. 1624

For smooth adjustment of coiling speed.

For winding wires, tacking cords and thin irrigation hoses:

Conical Steel Drum Ø 600 mm

No. 1622 (picture see base unit above)

- With 2 tension release devices
- Front disc can be easily removed to unload wire, cords, flat drippers
- With wire/cord guide
- Drum core Ø 350 - 400 mm, winding width 400 mm

For winding and unwinding drip tubes (also first unwinding of brand new drip tubes):

Conical Steel Drum Ø 800 mm

No. 1680

- Removable aluminium discs Ø 800 mm
- Two relaxation devices
- Drum core front Ø 350 with released relaxation device
- Drum core Ø 400 with activated relaxation device
- Winding width 400 mm



Conical Steel Drum Ø 1000 mm

No. 1681

Removable aluminium discs Ø1000 mm

- Two relaxation devices
- Drum core front Ø 350 with released relaxation device
- Drum core Ø 400 with activated relaxation device
- Winding width 400 mm



For foils, nets, fleece, infra-red tube, storage:

Plastic Drum Ø 800 mm

No. 1623

- Drum core Ø 400 mm
- Winding width 400 mm



Adapter

Adapter for Plastic Drum Ø 800 mm

No. 1628

Adapter for NETAFIM Plastic Drum Ø 570 mm

No. 1626

- Drum core Ø 140 mm
- Winding width 330 mm



Adapter for Saelens, Irritec Plastic Drum Ø 600 mm

No. 1627

- Drum core Ø 150 mm
- Winding width 350 mm



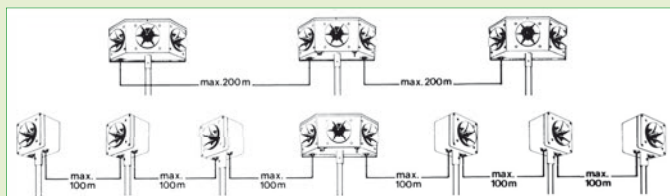
Adapters for other brands on request

ultraSon® Animal Repeller

ultraSon does not just temporarily scare off pests - it banishes them permanently. The special sound mix (high frequency in combination with ultrasound) is very painful and unbearable for the animals. The animals avoid the protected area (radius 100 m) as it is very unpleasant for them.

Birds (e.g. blackbirds) leave their nests and resting places for peaceful areas. The flight path between resting place and feeding place is interrupted. Flocks of birds (e.g. crows or starlings) become aware of the sound and fly past the **ultraSon** protected area. Game (e.g. wild boar, roe deer, hares, badgers) cannot bear this sound mix and avoid the protected area. It is not possible for birds and other animals to become accustomed to the sound.

Installed in the center of the area, **ultraSon** protects ca. 1.5 ha agricultural land (vineyards, orchards, grain fields) from flocks of birds (e.g. starlings). Additional loudspeakers completely extend the protected zone up to 4.5 ha:



ultraSon is set on the boundary of the protection area or on a building or structure to repel other bird species (e.g. crows) and forest animals coming from hedges and woods nearby. The sound has to be emitted in the direction of the flight path. The recommended distance to residential areas is 200 m. The following energy supplies are available: 12 V car battery with minimum 36 Ah, Solar Unit Type 652, or Power Unit type 308 (water resistant).

ultraSon is a high quality product made in South Germany and is maintenance free.

ultraSon Type 650 Base Unit

- 8 programs and 6 different time periods individually adjustable
- Integrated battery powered clock
- Indicators for battery power, frequency, time

Product video



- Water resistant aluminum case, 3 piezo tweeters
- Illuminated LCD-Display with easy to use press buttons, twilight sensor, frequency regulator 2 - 30 kHz, interval and interval time regulator, night operation
- Dimensions: 31 x 20 x 19 cm. Weight: 1.5 kg



ultraSon Solar Unit Type 652



Solar module with 10 Wp. The integrated rechargeable battery can operate 5 - 14 days without sun depending on the frequency of sound signals and number of external loudspeakers.

Single Loudspeaker Type 656



Triple Loudspeaker Type 655



Gas Cannon ZON Mark 4 & Gas Regulator Unit No. 200 & No. 204

- Blast volume up to 125 dB
- Blast volume adjustable for model with telescopic inner barrel
- 1-shot device
- Interval between shots adjustable from approx. 0.5 to 30 min
- Approx. 17.000 detonations from a 20 lb LPG tank
- Piezo electronic ignition for up to 100.000 detonations
- Very easy to maintain, only a few moving parts
- Very effective and inexpensive



(Optional) Tripod No. 201

- Greater coverage by placing in the center of the area
- 40-60° turn after each detonation
- 360° range
- Adjustable legs for level and stable placement
- Available in 1.25 mm, 1.80 mm or 2.30 meter height

(Optional) ZON Timer GT300 No. 210

- Automatic on/off switch
- Controlled by a high quality quartz clock
- Runs a full season on 1 AA battery (enclosed)

KME-AGROMAX GmbH

Holderackerstr. 6 • D-79346 Endingen

☎ +49(0)7642 3233 • Fax +49(0)7642 2209

info@kme-agromax.de

www.kme-agromax.de

