

# **WERMA AB**

#### **About Werma**

Head office in Sunne, Värmland, Sweden.

Werma was founded in 2006

Home market is Swedne, Norway, the baltics and Germany

Representaives in Denmark, Finland and France

#### Market and machine base

In Sweden and Norway we have about 70 machines and in rest of Europe there are about 500 machines that we are in contact with.

We consider us to be market leaders regarding hose maintenance

#### **Organisation**

Marcus Bergsjö, CEO Henric Persson, head of sales Magnus Hedlund, head of technology Katarina Gåsste, back-office Mats Bergsjö, CFO Dennis Leifheit, manager Germany

Service and support: 4 people

#### Storage and spare parts

In Sunne we have our central storage and all spare parts needed to maintan the machines on the market. We can send on the same day.

#### **Quality and environment**

Hose maintenance machines are built according to ISO-9000 certified process Machines are CE-marked Installations and training according to internal quality control by Werma

Werma is ongoing working along UN environmental targets



### **WERMA WAY**

#### Hose maintenance

Werma has a fully developed program of innovative and efficient products that will protect and support your staff in the work with dirty fire hoses.

#### **Training facilities & Mock-ups**

With a unique software and high-end technical solutions training facilities and mock-ups from Werma gives the most realistic and progressive training on the market.

#### **Crash Recovery System**

A fast search on the license plate number gives immediate knowledge about the vehicle you have in front of you and supports your decision making.

#### **Drying system**

Drying systems supplied by Werma is constructed on air flow and low heat. We have a full range of products, from panels to cabinets.



#### Fire hoses and couplings

Fire hoses from Werma comes in three diffrent qualities. Premium is Everest, standard is Fuji and rubber hose is called Fryken. All hoses are DINcertified.

#### **Storage**

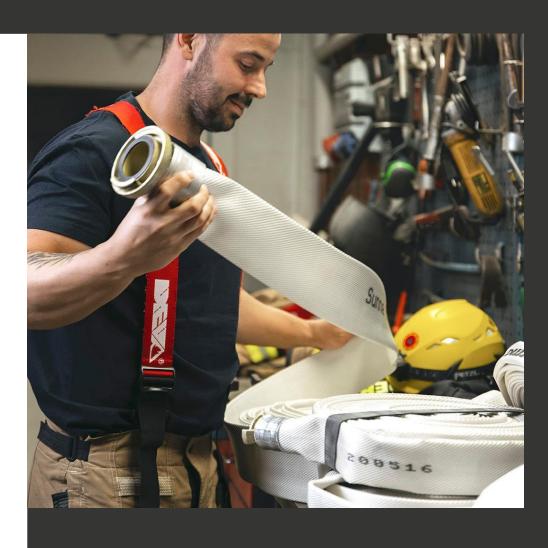
Our lockers are robust, good looking and self ventilated. An elegent additive is the foldable chair.

#### **Developing projects**

Werma is ongoing working together with customers and suppiers to develop new products that will support our customers on daily basis.

# **WERMA WAY**

# Concept Werma



01

Our passion is everyday safety and working environment for rescue personal. ersonal.

02

The Werma Way means that every new product or opportunity we see we can implement in our sales must fit in and be supported over time.

03

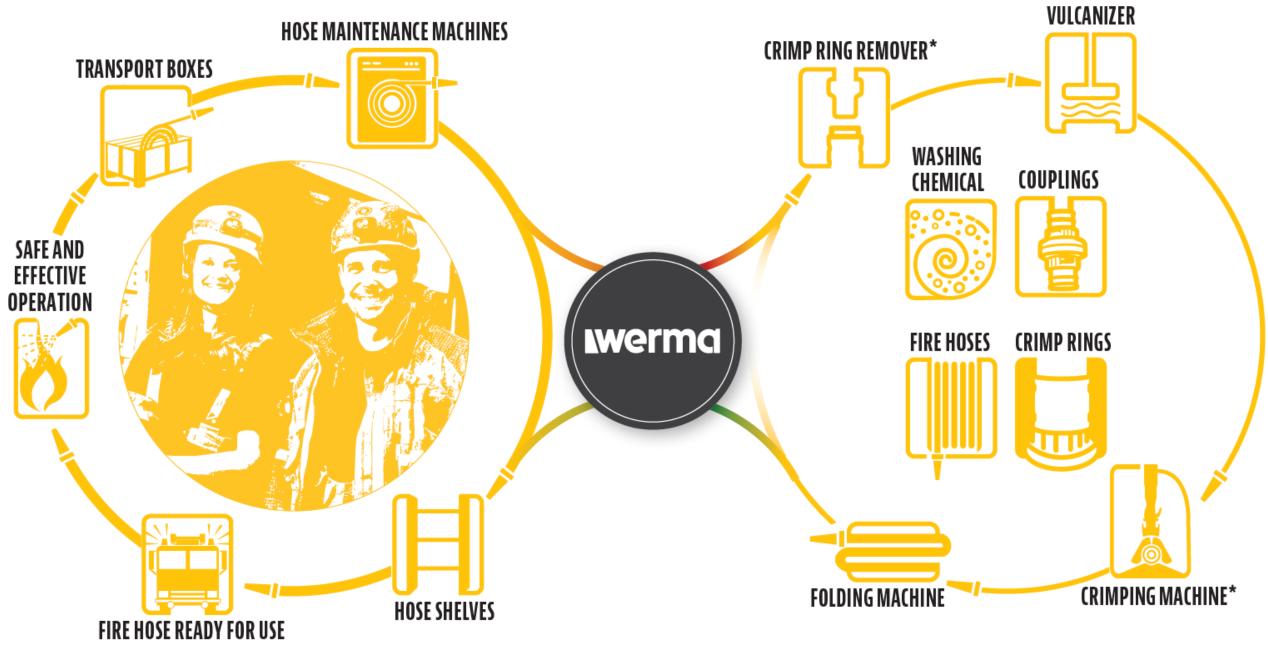
Around every product category a Werma Concept is built, to support the thought of Werma Way.

04

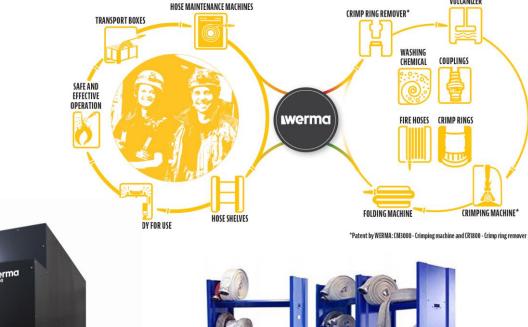
We create own solutions and products, several are patented, to offer most efficient working environment.

05

Our target is that every hose maintenance room should be optimized to offer best possible working environment.



\*Patent by WERMA: CM3000 - Crimping machine and CR1800 - Crimp ring remover















VULCANIZER







www.werma.se

Werma erbjuder olika modeller av slangvårdsmaskiner. Det som förenar maskinerna är att de tvättar, provtrycker, torkar och rullar upp slangen i en automatisk cykel.

#### HM200

- Stor och tydlig manöverdisplay,
- Tvätt sker med borst och högtrycksmunstycken
- Klarar 19 mm 110 mm slang (110 mm är tillval)
- Provtrycker variabelt upp till 16 bar
- Finner multipla hål under samma provtryckning
- Full återvinning av provtryckningsvattnet
- Enkel eller dubbelrullar slangen
- Uppkoppling till internet för uppdateringar och support

#### Teknisk data

- · Elförbrukning, ca 4 kw/h
- · Vattenförbrukning, ca 22 L/min
- Luftflöde utsug, ca 440 m3/h
- Luftanslutning, 8 bar och 200 L/min
- · Vattenanslutning och matning i dimension 3/4" med minimum 3 bars konstant vattentryck och ett min-flöde på 22 L/min
- · Vattenförsörjningen skall vara kall, detta pga vattnets densitet
- Elanslutning 380/400 V, 32 A med trög europahandske
- Internet, cat 5/6
- Avlopp, min DN50

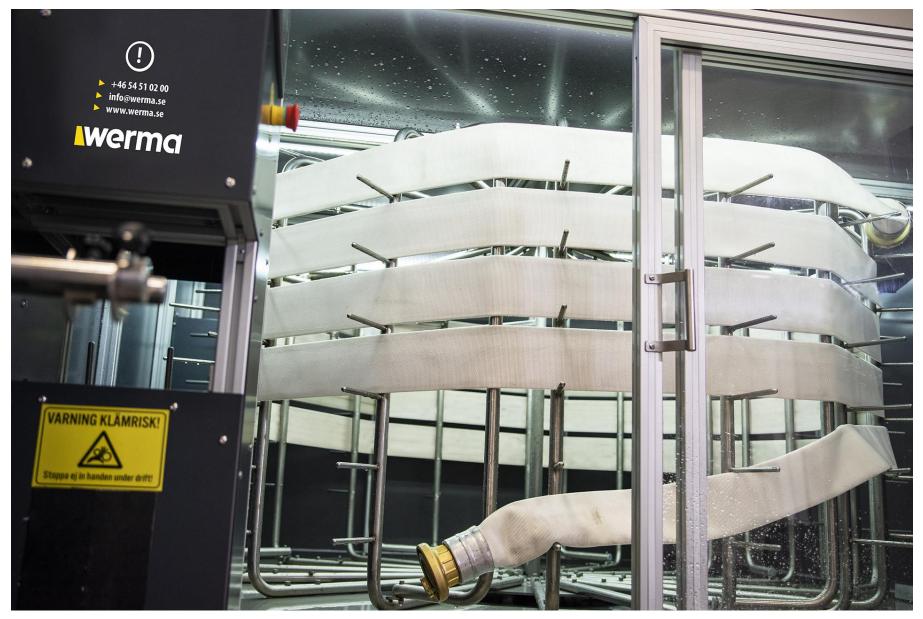


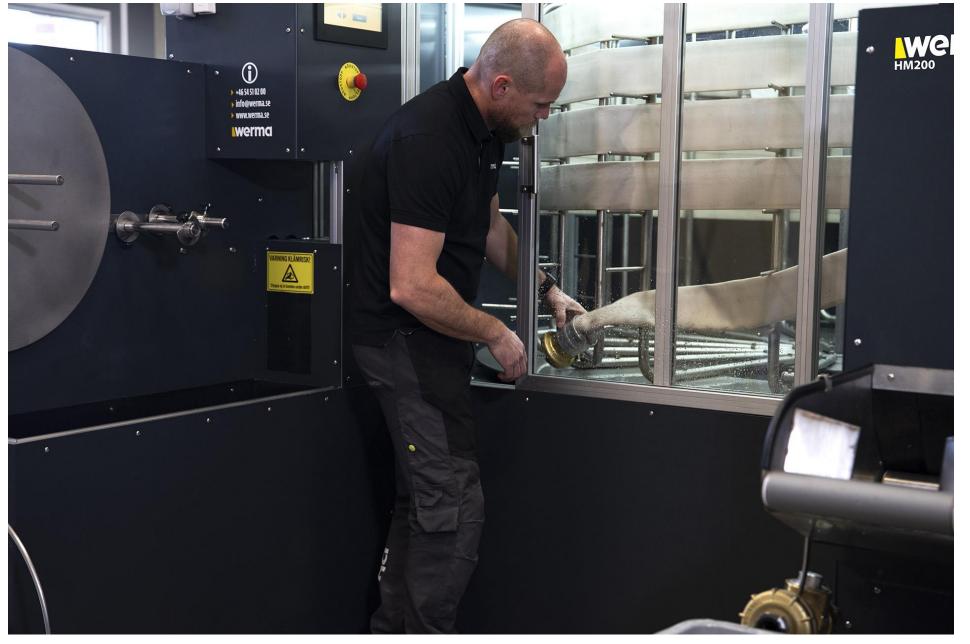












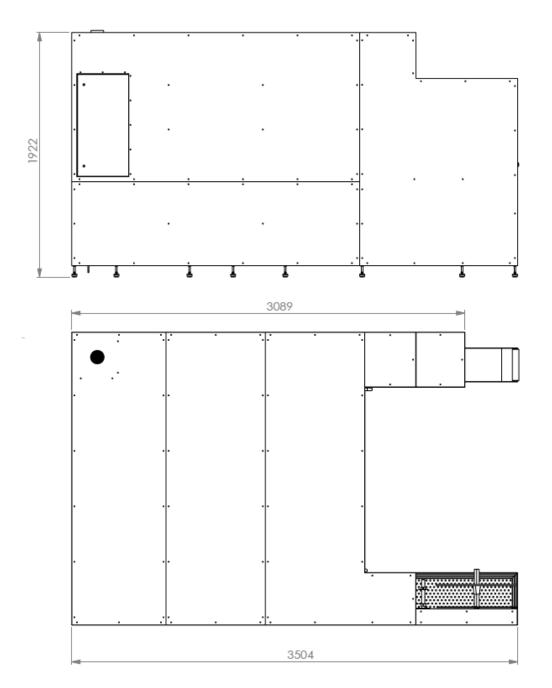


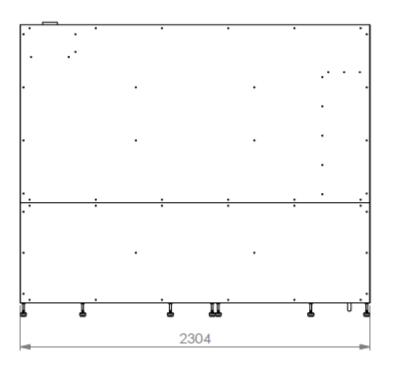






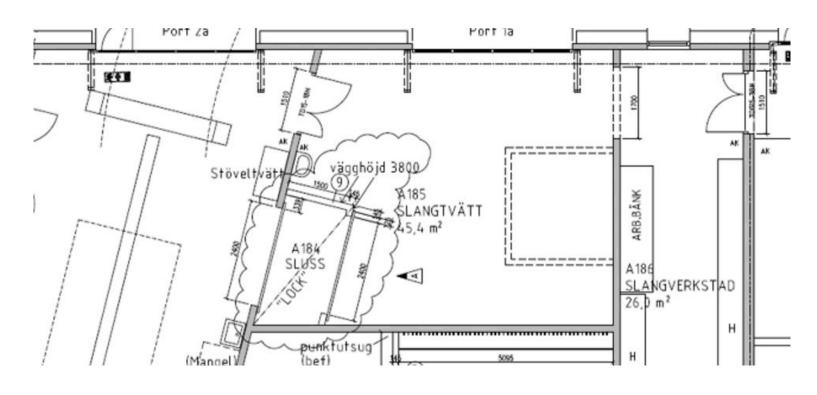


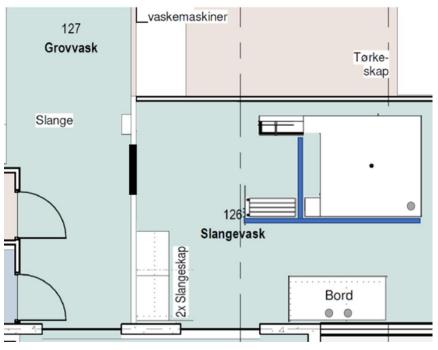






### INSPIRATION HOSE MAINTENANCE ROOM

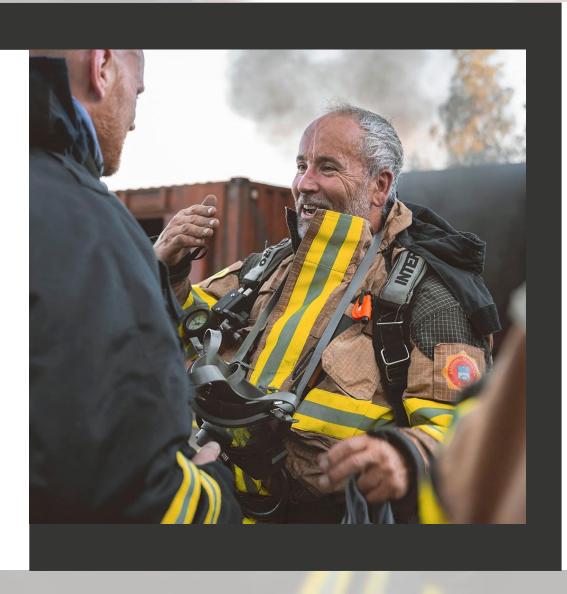






# WERMA CONCEPT PRICES

# Slangvårdsrum





99 995 euro

#### HM200, hose maintenance machine

- · Washing with both HP-nozzles and brushes as standard
- 1–3-inch standard (4 inch extra feature)
- Pressure test 18 bar the whole hose and couplings in one cycle (25 bar extra feature)
- Drying
- · Single- and/or double winds
- · Full recycling of pressure testing water
- · Internet connection to support and updaters



900 euro

#### **Transport boxes**

- Small hoses
- Big hoses



650 euro

# Hose shelfes 1000 mm • Self drainage • 3 shelfes

#### Crimping machine CM3000

Incl two dimensions



Crimp ring remover CR1800Incl two dimensions



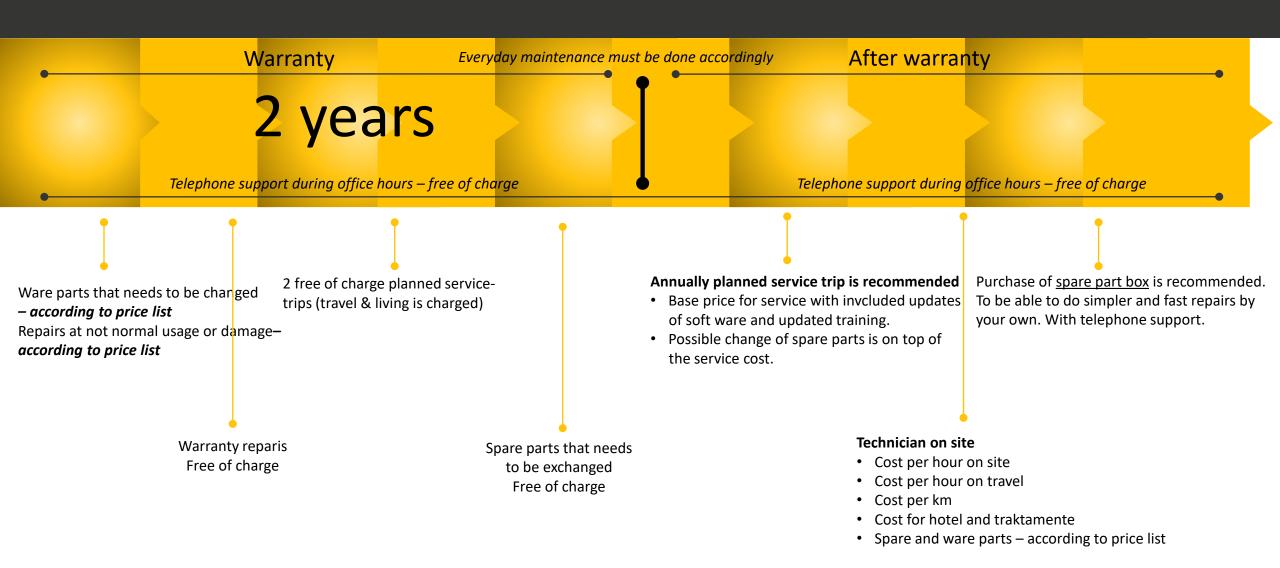
#### **Hose shop**

- vulcanizer
- Folding machine
- Hose storage
- Couplings
- Crimping rings



6000 euro





# SERVICE AND SUPPORT ORGANISATION

European network of technicians

Meetings online every 2nd month

For training and support internaly

Telephone support and remote



# HOSE MAINTENANCE AND HOSE SHOP

# ainteance OSe







Transport boxes for logistics and handling of both dirty and clean hoses

01

Crimping machine to crimp 19 – 76 mm hoses

Draining hose shelfes for hose storage, and transport from hose maintenance machine to hose storage.

Crimp ring remover. Fast and easy to recycle couplings.

# DRYING SYSTEM

# system Drying





0

01

04

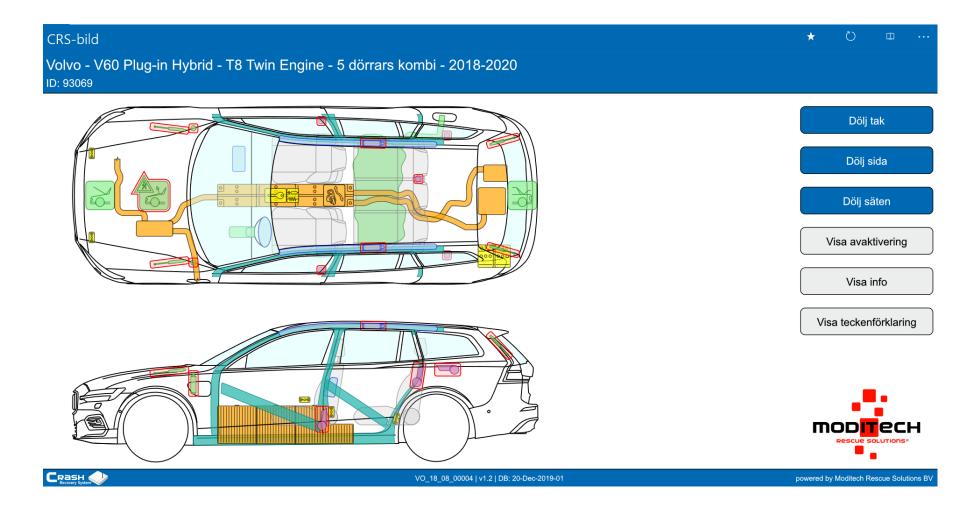
High quality and efficient drying systems

Can be adapted according to needs and space

Drying is done inside -> out and is lower on electrical consumption.

Good for the material

## CRASH RECOVERY SYSTEM





## FIRE HOSES

#### Own series of hoses

Fuji – standard hoses Everest – premium hoses Fryken – rubber hoses Glaciär – snow production WETMG - FRYKEN | HEAVY DUTY BRAND - OCH INDUSTRISLANG











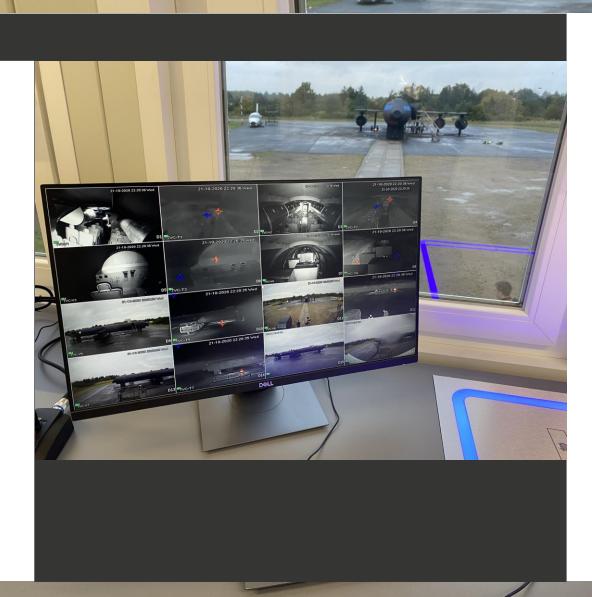






# TRAINING FACILITIES & MOCK-UPS

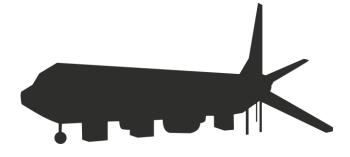
# **Fraing for**



Our traning facilties and mock-ups puts focus on the individual development.

The facilities are in technical advance and the software that operates them is unique.

As well as supplying a new facility we gladly refurbish and upgrade your present training facility or mock-up.



# Werma werma



Fire Sniffer (Cirrus Pro Locator)

En mobilt hjälpmedel för att identifiera misstänkt brand eller rökutveckling I svåråtkomliga områden och bakom stängda dörrar. Fire Sniffer kan hanteras från vagnväskan eller handhållen. Den är utrustad med olika provtagningshuvuden för brevinkast, nyckelhål och stängda dörrar. Fire Sniffer laddas direkt i brandbilen.

24 V DC (två 12 V 1.3 Ah SLA batterier) Effekt:

12 V DC - 24 V DC Laddare: Säkring: T2 A 32 mm x 6 mm

Batteritid: 2 timme Arbetstemperatur: 0 - 54°C

0 - 95% RH, icke kondenserande Fuktighet:

Platsindikator: LED level indikator

Batteritid, felmeddelande, LCD monition Andra indikatorer:

	Firesniffer exkl. vagnväska	Firesniffer Inkl vagnväska
Höjd (mm)	255 (340 inkl. bärhandtag)	419
Bredd (mm)	319	473
Djup (mm)	118	235
Vikt (kg)	5	10,8





www.werma.se

