



WE'VE GOT WHAT IT TAKES



→ FIRE & RESCUE

Experts need skilled support

For over 30 years, we have been the experienced wholesaler and system supplier working side by side with the fire brigades.



No. 1 in Germany as a partner of the specialized fire service traders and of the fire fighting vehicle manufacturers



Our product portfolio includes almost all the products a fireman needs to do his job.



DÖNGES - Your first choice for fire fighting equipment.

As an experienced supplier, we are Germany's foremost source of strong branded products for rescue, recovery and assistance. In our catalogue you will find almost all kinds of fire fighting products and personal protection equipment. One of our greatest strengths is our ability to deliver complete system ranges. No matter whether you would like to load a standardized vehicle or if you are looking for customized sets of equipment - DÖNGES will supply everything from one experienced source.

As a highly regarded partner in the fire fighting industry and a responsible vehicle equipment supplier, we are on fire to learn and fulfill your individual requirements, we also realize your special requests with speed and flexibility. Respected in-house brands and exclusive products from well-known manufacturers guarantee your unique purchasing experience. Of course we deliver quickly and reliably and most of our products are available from stock.

Dönges firefighter hatchet DIN 14924-FB (previous standard 06/1992)

Red-painted head with ground cutting edge on one side and a narrow pike on the other, an oval tubular steel handle inserted into the head and a non-slip rubber hand guard. The hatchet no longer complies with the current DIN 14924 since it does not have the integrated bollard wrench. Besides that, the hatchet complies with every other required quality and stability criteria.

Item no.	Length mm	Weight g
202010	330	
202015	protective bag according to DIN 14924	



**YOU'VE GOT WHAT IT TAKES
– SO DO WE!**



Dönges protective bag according to DIN 14924

Protective holster for firefighter hatchets made from black leather with a belt loop, specially adapted for the new hatchet of top quality leather and finishing.

Features:

- excellent leather quality
- metal-reinforced corners
- optimum fit

Item no.	Weight g
202015	





Delivery without firefighter hatchet

Dönges firefighter adjustable axe bag with leg fixation

Due to the fixation on the thigh, a fire brigade hatchet with this special holster can always be carried close to the body to reduce the risk of threading or getting caught.

The holster is attached to fire brigade belt and to the thigh with two adjustable elastic loops. It follows thereby each movement of the user which can be particularly important in the interior attack.

Thanks to variable adjustment, the special holster is not only suitable for DIN fire hatchets but also for the Paratech Biel-Tool or even a Paratech Pry-Axe. Similar tools with a handle length of approx. 28 - 40 cm can also be used with this bag.

A hook and loop strap, which is easy to open even with gloves, secures the tool in the holster and allows one-handed removal. A further hook and loop fastener keeps the bag open after removal to make it easy to put back into the tool back.

Reflective elements increase the visibility and an additional hook and loop surface for the attachment of labels is available.

Features:

- close-fitting to the body
- variable fit
- robust material
- adaptable for different tools
- high visibility
- one-handed removal of the hatchet
- with variable and removable knife pocket

Technical data:

Material: nylon fabric
Colour: black

Item no.	For handle length cm	Weight g
202020	28-40	460
290028	waist belt with lower belt, size M (105 cm)	340
290029	waist belt with lower belt, size L (120 cm)	340
290030	waist belt with lower belt, size XL (135 cm)	350

Dönges special crash axe

Every airplane with more than nine seats has to carry an axe on the plane, according to the EASA requirements. The crash axe perfectly fulfills this task. It has a special alloy and is insulated against electric shocks. The axe has to be stored in the cockpit. In the past, the axes were meant to help escape the cockpit, but today, that is not the reason anymore. Nowadays, they help reach fire sources that appear in the cockpit behind a cover, or in the cabin.

Features:

- sturdy version made from special steel
- forged
- non-slip handle

Item no.	Blade shape	Length mm	Weight g
202009	smooth blade	380	970
202008	serrated blade	380	970



Picture shows smooth blade
Item no. 202009

Dönges Economy rescue knife

This knife adds a low-cost model to our extensive product range. Contains all of the essential functions.

Features:

- one-handed operation (blade can be conveniently opened and closed using the thumb opener)
- stainless, lockable blade
- super-sharp 1/2 serrated edge
- stable belt clip
- safety belt cutter
- window breaker
- open/closed length 210/125 mm
- red rubber handle inlay provides a secure grip
- approved according to the recent weapons law



Laser engraving
on blade
possible at
additional price

Item no.	blade shape	Colour	Weight g
212439	standard	red/silver	170
212427	knife holster		240
212484	spiral cable, black		60

Dönges knife holster

Stable knife holster made from nylon fabric with 100 mm wide belt loop to secure on to a firefighter belt or to attach vertically as shoulder strap of breathing apparatus with optionally available adapters.

Suitable for all PRT knives, Rescue Tool I, rescue knife and other appropriately sized knives.



Item no.	Dimensions L x W x H mm	Weight g
212427	160 x 45 x 35	240
212428	breathing apparatus adapter set	25

Dönges Special glass punch

Hardened, self-hammering special spring center punch for opening side or rear windows. One-handed operation: just put it on and press!

The device can be stored in the handle of the original Glas-Master or used as a stand-alone tool.



Item no.	Length mm	Weight g
211314	130	70

Dönges RN-2 rescue knife

Patented rescue knife from the USA for fire brigade, police and rescue services. Extremely sturdy metal structure.

Two replaceable blades are securely anchored in the "V".

The rounded edges prevent injuries to the rescued victim.

The heavy head can even smash thick panes of glass. The shape of the handle prevents the device from falling out of your hand.

The special DZUS connection makes it possible to open aircraft and vehicle doors.

Item no.	Colour	Length mm	Weight g
212477	red	240	480
214479	spare blades for RN-2 rescue knife		20



UK Headlamp 3AAA LED VIZION [i] ATEX

The VIZION with ATEX approval. The perfect headlamp for the professional user. Light output, lighting duration and all features of the UK 3AAA VIZION can also be found in this explosion-proof variant. In order to secure the lamp to a helmet easily and securely, the lamp is equipped with a head band made from special rubber. The rubber ensures that the head band cannot slip off a smooth surface such as helmets, but remains firmly anchored.

Features:

- white high-performance LED
- rubberised on/off switch
- 100% water- and dust resistant
- can be used in three modes using a rotating filter: focussed, diffused and red light
- can be switched in two stages: 35 and 65 lumen
- up to 17 hours of constant brightness using the special electronics
- complies with CENELEC (CE) requirements

Technical data:

Waterproof up to:	10 m
Ex-protection:	ATEX
Zone 1:	II 2G Ex ib IIC T4 / II 2D Ex ibD 21 T55°C
Batteries:	3 x AAA
Luminance:	35/65 lm
Operating time:	13-17 h

Scope of delivery:

- 1 pcs. UK 3AAA Vizion [i] ATEX
- 1 pcs. Head band made from special rubber
- 3 pcs. AAA-battery



Compound Path Optics (CPO):

Extremely efficient reflector technology in a confined space. The light of the extremely bright high-performance LED, which exits from the front, is first reflected back by a mirrored lens and then exits as a concentrated beam of light after being bundled by the reflector. Unwanted diffused light is therefore reduced to an absolute minimum. The spot remains clearly defined, but large enough to provide visibility in any situation.



Item no.	Colour	Dimensions L x W x H mm	Weight g
219561	black	76 x 38 x 45	110
219569	neon yellow	76 x 38 x 45	155
219119	helmet holder for UK Vizion, stainless steel		4.188
219122	helmet holder for UK Vizion to glue, black, plastic, 27 g		4.272
219567	replacement rubber band for UK Vizion, black		20
241002	Alkaline battery, AAA/Micro, 1,5 V		10

Dönges hand lamp HL 4AA WK ATEX

The HL 4AA WK is a portable, intrinsically safe torch for use in potentially explosive atmospheres. The lamp is powered by four AA alkaline batteries. It has two light levels (Hi/Low/Off) which are switched by the push-button. This gives you optimum brightness and a long lighting duration.

Features:

- metal clip for attachment to breast pocket, belt, etc.
- two different brightness settings
- battery compartment screwed
- highly efficient heat sink for long LED lifetime
- large, rubberized pressure switch (Hi/Low/Off)

Technical data:

Degree of protection:	IP54
Light source:	LED (Cree XP-2G)
Ex-protection:	ATEX
Zone 0:	II 1G Ex ia IIC T4 GX
Batteries:	4 x AA
Brightness (Hi/Low):	323/140 lm
Operating time (Hi/Low):	6,5/13 h

Scope of delivery:

- 1 pcs. hand lamp
- 4 pcs. AA battery



Item no.	Lamp measurements L x W x H mm	Weight g
201127	55 x 65 x 186	344
201431	vehicle mount for angle head lamp HL 4AA WK	140
104865	longlife power, Alkaline-Batterie, Mignon AA/LR06	23

Dönges cleaning wipe Dekon Rag

Practical and very effective cleaning wipe for hand and surface cleaning. Removes even the most stubborn dirt quickly, efficiently and gently.

Suitable for greases, oils, adhesives, tar, wax, soot, paint, ink, sealants, polyurethane (PU) and much more.

After hand cleaning the wipes have enough cleaning power to clean tools and equipment. The wipe is soaked with a cleaning fluid, is especially tear-resistant and has a nubbed side for heavy dirt and a smooth side for gentle hand cleaning.

The particularly good cleaning effect is achieved by the combination of the special cloth surface and the cleaner. Tested quality with NSF approval. Individually packed, airtightly sealed, can be used at any time without water. Cleaning fluid with refatting ingredients to protect your skin.

Features:

- soaked wipe, single packed
- cleans quickly, efficiently and gently without water
- the cleaning solution has an antibacterial, moisturising and quick-drying effect
- easy removal
- large sized wipe
- highly tear-resistant
- NSF certified

Technical data:

Colour: grey
 Fragrance: orange
 Wipe size: 27 x 31 cm
 Sachet size: 12 x 8,4 x 0,5 cm
 pH: 7,8

Item no.	Scope of delivery pieces	Weight g
201525	1	18
201528	50	900
201527	100	1.800



Etche firefighter rubber boots S5 F3A

The chemical protection boot made from NBR offers high protection. Apart from its resistance to chemicals, petroleum products, solvents and weak acids, it also protects from heat, fire, and complies with the protection class S5.



Technical data:

Standard: EN 15090,
 EN ISO 20345 S5 HRO SRC,
 EN 13832-3 J P Q,
 EN 13287

Colour: black
 Height: (at size 42) 37 cm
 Material: NBR

Features:

- from size 39 with polymeric protective cap and composite sole plate (sizes 36-38 steel cap)
- complies with the EN 15090 Typ 3 HI3 (Firefighter rubber boots, suitable to use in fires and chemical accidents)
- complies with the EN ISO 20345 S5 HRO SRC (protective cap, puncture-resistant, protects from contact heat, anti-slip)
- complies with the EN 13832-3 J P Q (resistant to chemicals J=N-heptane, P=hydrogen peroxide, Q=isopropyl)
- complies with the EN 13287 (anti-slip SRC)
- suitable for the use with protective overalls
- made from highly resilient NBR

Item no.	Size	Weight g	Item no.	Size	Weight g
281006	36	1.900	281012	44	1.900
281007	37/38	1.900	281013	45	1.900
281008	39	1.900	281014	46/47	1.900
281009	40/41	1.900	281015	48	1.900
281010	42	1.900	281016	49/50	1.900
281011	43	1.900			

Dönges fire brigade rope (rescue rope) DIN 14920

Made from top quality polyester, with spiral plaiting, 10 mm Ø.

Type F xx-H:

Wooden toggle at one end, 90 mm Ø eye splice at the other end.

Type F xx-K:

A10 cable eye stiffener and karabiner hook at one end, 90 mm Ø eye splice at the other end.



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Item no.	Type	Length m	Weight g
212610	F 20-H	20	1.460
212620	F 20-K	20	1.600
212615	F 30-H	30	2.060
212625	F 30-K	30	2.455
212630	bag for multipurpose line (working line) DIN 14920, wine red		250
200004	bag for multipurpose line (working line) DIN 14920, orange		250
212632	rescue rope bag carrying line, 100 cm		96

Dönges rope bag

This linen bag with leakage protection can be attached to almost all respiratory protective devices without any problems. The height-adjustable hook is adapted to the length of the bottle and attached to the neck of the bottle with a rubber grip. The self release handle allows the wearer of the breathing apparatus to free himself from the linen bag in an emergency without any help. The way back is secured and the hands remain free.

Item no.	Measurement H x B x T cm	Weight g
290016	40 x 14 x 14	400





Dönges waterproof Dry-bag Seal-D

Features:

- all seams welded waterproof
- zipper in splash-proof design
- easy filling thanks to large opening
- the contents are sealed dust- and waterproof by the roll closure
- patch pocket on the front, closable via zipper
- ergonomic carry handle
- D-rings for attaching accessories or a shoulder strap

Technical data:

Measurements diameter x height: 23 x 56,5 cm
 Usable inner height: 36 cm
 Material: PVC/Nylon

Scope of delivery:

1 pcs. Dry-bag
 1 pcs. Shoulder strap

Item no.	Colour	Usable volume l	Weight g
201385	red	15	470
201386	black	15	470
201387	white	15	470

Dönges waterproof backpack Seal-D

Our products from the Seal-D series are the ideal companion for a variety of leisure activities. Made of 100% waterproof and ultra-rugged PVC material, the contents are safely protected from dust and water. All seams are waterproof welded and special splash-proof zippers are used to ensure the tightness.

The closure:

To close the Seal-D bag and backpack waterproof, simply turn the closure 3-4 times and then secure it with the nylon buckle. The travel bag can be closed splash-proof with the zipper. The flap covers the zipper for extra protection against splash water.

Tip: Before closing, compress the contents by applying light pressure from outside, unnecessary air escapes and the bag takes up less space.

The perfect companion:

The Seal-D products are tough! Robust rip-stop material and hard-wearing seams ensure a long life. They are not only your companion for the next outdoor-, camping- or boat-tour, whenever things have to be stored safely and securely, our bags are the first choice.



Dönges waterproof backpack Seal-D

Features:

- all seams welded waterproof
- zipper in splash-proof design
- easy filling thanks to large opening
- the contents are sealed dust- and waterproof by the roll closure
- patch pocket on the front, closable via zipper
- padded backpack straps
- additional carry and suspension loop
- second nylon buckle to secure the opening

Technical data:

Measurements diameter x height: 27 x 69 cm

Usable inner height: 42 cm

Material: PVC/Nylon

Item no.	Colour	Usable volume l	Weight g
201388	red	24	690
201389	black	24	690
201390	white	24	690



Dönges waterproof Travel bag Seal-D

Features:

- all seams welded waterproof
- zipper in splash-proof design
- easy filling thanks to large opening
- the zipper closes the contents splash-proof
- pocket for small parts inside on the opening flap
- padded, removable backpack straps
- ergonomic carrying handle and additional carrying handles on the sides
- base reinforced with nylon fabric on the outside

Technical data:

Dimension Ø x W: 34 x 66 cm

Material: PVC/Nylon

Item no.	Colour	Usable volume l	Weight g
201391	red	60	1.460
201392	black	60	1.460
201393	white	60	1.460



Dönges firefighter axe with wood handle DIN 14900-FA

The classical German firefighter axe - top quality, sturdy version. Red-painted head with ground cutting edge and lever cutter at other end.

With oval hickory handle with transparent varnish. The axe head is secured with two springs, one rivet and two ring wedges.



Item no.	Length mm	Weight g
201001	900	2.560
201655	protective bag DIN 14900	345
201010	spare parts for FA fire brigade axe	982
201015	spare handle for fireman's axe	620
201020	spare spring for fireman's axe	100
201030	replacement wooden wedge for fireman's axe	10
201035	replacement ring wedge for fireman's axe	18

Dönges firefighter axe with fibreglass handle

The axe head is identical to the one of the DIN 14900- FA fire axe, but this axe is equipped with an Ultratec fibreglass handle. This means extremely good stability with a good price-performance ratio. The grip of the handle is rubberised to provide a better grip.

Features:

- similar to DIN 14900
- solid and inexpensive fibreglass handle
- excellently forged axe head
- excellent electrical insulation
- non-slip, gummerised handle



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Item no.	Length mm	Weight g
201009	900	2.620



Dönges firefighter axe with NUPLA handle

The special manufacturing procedure and the extremely high proportion of fibreglass makes this handle almost unbreakable. A rubber handle at the end provides the necessary grip.

Features:

- similar to DIN 14900
- handle is almost indestructible
- excellently forged axe head
- excellent electrical insulation
- extremely good price/performance ratio



Item no.	Length mm	Weight g
201007	900	3.140

Dönges firefighter axe with NUPLA fibreglass handle

These axes, which are particularly widespread in the USA and other English-speaking countries, are popular because of their tremendous sturdiness. The NUPLA handle is almost unbreakable because of its special design and high proportion of fibreglass.

Whereas the "American design" firefighter axe is used in a similar way to the German firefighter axe, the Pulaski axe is mainly used for wildland fires.

Item no. 210480 American design

Item no. 210481 Pulaski design



Dönges firefighter axe FireAXEss

The FireAXEss was specially developed to use in fire brigades. The axe is equipped with a 3 kg hardened steel axe head and a robust fibreglass handle. Due to the special cutting edge geometry, the axe achieves a higher performance than a conventional wooden axe with the same amount of force. The head also features a flattened side, which can be used as a sledgehammer or for driving in other tools. Special notches allow the quick combination of a hooligan tool with additional hook and loop straps for easy transport. A riser system is also available for this combination.

Features:

- higher impact effect with less force required
- special cutting-edge geometry
- sturdy handle made of durable fibreglass
- axe head with a hooligan tool support
- hardened steel for long service life
- perfect in combination with the established hooligan tools

Technical data:

Material of axe handle: fibreglass
Material of axe head: CF53 steel



Item no.	Dimensions L x W x H mm	Weight g
211623	925 x 300 x 90	4.900
211541	strap Irons/Glove	35
211529	carrying system for Hooligan combinations	160

The blade of the axe is used for cutting off hanging branches or fallen small trees, and the hoe can be used to create a fire break in any kind of ground.

Features:

- handle is almost indestructible
- excellently forged axe head
- excellent electrical insulation
- extremely good price/performance ratio

Item no.	Length mm	Version	Weight g
210480	900	American design	4.100
210481	900	Pulaski design	3.000

Paratech Hooligan tool

The globally known multifunction Hooligan tool. For breaking doors, windows etc.. Can be used as a crowbar and pinching bar to spread and rip open. Made from hardened steel with chemically nickel-plated finish and corrugated handles (25 mm Ø).

Features:

- globally used by fire brigades and rescue teams
- multifunctional, one tool for many purposes
- perfected head and claw form
- indestructible due to special steel alloy

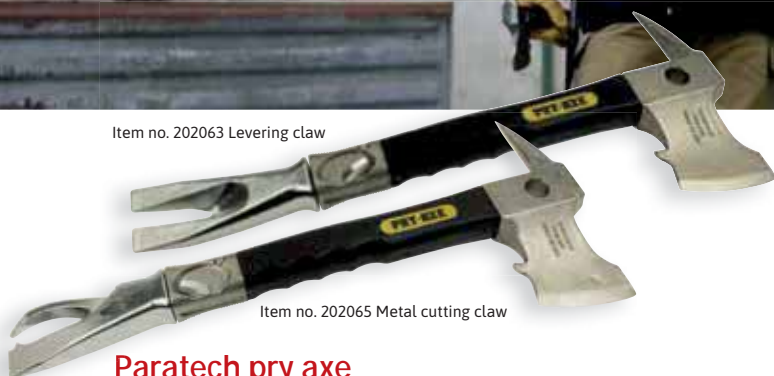


PARATECH

Item no.	Length mm	Version	Weight g
211519	610	levering claw	4.860
211520	762	levering claw	4.800
211521	914	levering claw	6.220
211522	1.067	levering claw	6.000
211525	762	with metal cutting claw	5.000
211526	914	with metal cutting claw	6.200
211527	1.067	with metal cutting claw	6.000
211528		carry strap for Hooligan tool	390
211529		carrying system for Hooligan combinations	160
211541		strap irons/glove	35



Item no. 202063 Levering claw



Item no. 202065 Metal cutting claw

Paratech pry axe

Strong multipurpose tool for many different tasks. Can be used as an axe, sheet metal ripper, doors and lock breaker etc. Throwing the locking lever unlocks the extension handle, which can be fully or partially extended. Manufactured from hardened steel with chemically nickel-plated finish.

Two different versions are available, with levering claw or metal cutting claw.

Features:

- axe blade
- nails remover
- levering claw or metal cutting claw
- impact tip

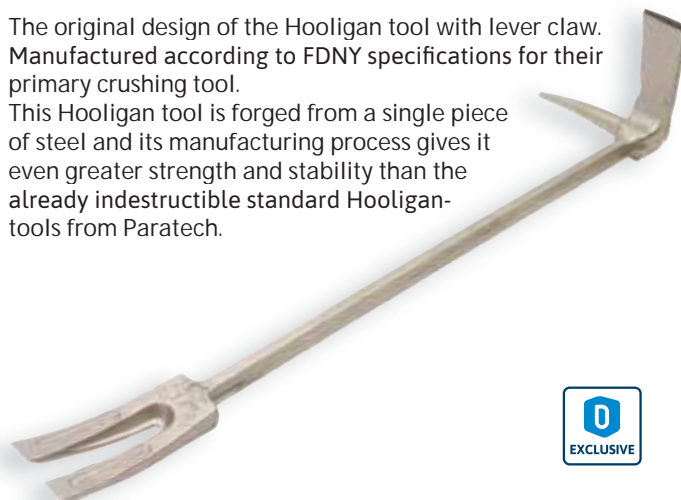


Item no.	Version	Length closed/ extended mm	Weight g
202063	levering claw	470/655	3.000
202065	metal cutting claw	475/660	3.000

Paratech SPF Hooligan tool

The original design of the Hooligan tool with lever claw. Manufactured according to FDNY specifications for their primary crushing tool.

This Hooligan tool is forged from a single piece of steel and its manufacturing process gives it even greater strength and stability than the already indestructible standard Hooligan-tools from Paratech.



Item no.	Length mm	Weight g
211534	762	4.900
211528		carry strap for Hooligan tool 390
211529		carrying system for Hooligan combinations 160
211541		strap irons/glove 35

Dönges Hooligan tool combination

The extremely versatile Hooligan tool gains even more penetration force in conjunction with other supporting tools. This makes the first attack way faster and easier, since the lever blade can be forced into the gap of a heavy door with, for example, the splitting maul. A special carrying strap to combine the Hooligan tool with a splitting maul, a TNT tool or a TopCut FireAxe, has been developed and makes carrying the tool more comfortable. Many useful combinations can be put together.

The new model of 2017 offers various adjusting possibilities and secures the tools in the system: even if you bump into something, nothing will fall out. Both buckles with 45 and 33 mm width can be easily opened with gloves.

Features:

- additional deployment options by combining two tools
- increased penetration force
- easy to transport using special carrying belt
- indestructible materials provide a long durability

Scope of delivery:

depending on version:

- 1 pcs. carrying system
- 1 pcs. Hooligan Tool
Paratech 762 mm, lever claw as well as
- 1 pcs. splitting hammer with fibreglass handle or
- 1 pcs. axe FireAXEss or
- 1 pcs. TNT-tool



Item no. 211531
Hooligan tool / splitting hammer



Item no.	Type	Weight g
211531	Hooligan tool/splitting hammer	9.540
211533	Hooligan tool/TNT-tool	11.640
211624	Hooligan tool/FireAXEss	9.900
211529	carrying system for Hooligan combinations	160
211520	Hooligan tool, 762 mm, levering claw	4.800
201012	splitting hammer with fibreglass handle, 900 mm	4.110



Item no. 211533
Hooligan tool / TNT tool



Item no. 211624
Hooligan tool/ FireAXEss

Dönges TNT-tool

The TNT-tool replaces conventional tools such as axes, crowbars, tearing hooks, rams, mortise chisels and sledge hammers. The extremely strong quality steel with black powder coating and the NUPLA fibreglass handle give this tool tremendous stability. The ergonomic handle makes it easy to take advantage of the many different uses of this tool. Easy to carry, easy to use!

Features:

- opening doors and windows
- making holes
- tearing open walls and ceilings
- knocking off screws
- breaking down stakes/posts etc.



Item no.	Length mm	Weight g
211524	1.020	13.120
211529	carrying system for Hooligan combinations	160

Dönges original "Glocke" lock picking-tools

The lock puller is becoming increasingly popular in the fire brigade and rescue service area as a tool for opening doors. This is because it is safe and easy to use: the pulling force is applied to the pulling screw axially. This reduces the risk of breaking off considerably. Also, there is only one screw to tighten. Troublesome switching between two lifting screws is not required.

The original Glocke, made in Germany, is extremely robust. A quality tool for continuous heavy use. Everything that you need for quick, problem-free and tidy pulling of the lock cylinder is accommodated in a sturdy case (dimensions 380 x 290 x 100) with foam rubber insert made from industrial Plastazote.

Scope of delivery:

- 1 pcs. pulling device, original Glocke
- 1 pcs. key drawing plate for profile cylinders
- 1 pcs. key drawing plate for round cylinder
- 1 pcs. WD-40 cutting oil 200 ml
- 1 pcs. graphite lubricant for tension screws
- 1 pack 50pcs Tension screw ZIEH-FIX Extra
- 1 pack 50pcs Tension screw ZIEH-FIX Super
- 1 pack 50pcs Tension screw ZIEH-FIX Special
- 1 pcs. Proxxon-Speeder ratchet W/F 17 x 19
- 1 pcs. bit holder with T-handle
- 1 set bit set in box 10 pieces
- 3 pcs. Torx bits TX-20 for pulling screws
- 1 pcs. pointed pliers
- 1 pcs. metal profile cylinder closer
- 1 pcs. user manual
- 1 pcs. case with foam rubber insert



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Item no.	Dimensions L x W x H mm	Weight g
216000	380 x 290 x 100	4.160

Dönges lock picking-tools DIN 14800-SWK

In acc. with DIN 14800-12:2004. in Dönges Firebox made by Zarges according to DIN 14880-4-LM (400 x 300 x 150 mm) with aluminium dividers and labelling "Sperrwerkzeug" with individual lettering on request.

Scope of delivery:

- 1 pcs. Dönges Firebox made by Zarges in acc. with DIN 14880, size 4
- 1 pcs. lock picking tools DIN 14800-12



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Item no.	Version	Dimensions L x W x H mm	Weight g
217460	in Dönges FireBox	400 x 300 x 150	9.370

Dönges ceiling hook DIN 14851

The completely re-designed pike hook in accordance with DIN 14851 is now lighter and can be better stowed away in the vehicle. The total length of the pike hook with telescopic handle is 2.0 meters. It can be extended to a maximum length of 3.20 metres. The total length can be extended to a maximum of 4.80 metres with the optional extension.

The handle of the hook part is continuously telescopic -an invaluable advantage.

Connection of the hook part via spigot similar to DIN 14640 At the end of 2014, the standard was revised again and the safety of the rescue services in dealing with this tool was increased. The telescopic handle is now braked and cannot retract or extend by itself after loosening the fixation. End caps have been added to prevent dirt from entering the system and a protective bag for the hook part is now included.



Specially developed aluminium profile



Spigot acc. to DIN 14640 to connect several tool heads



Non-releasable locking screw on the extension

Features:

- ceiling hooks (both telescopic tube and the hook itself) withstand a tensile force of 2.5 kN in the longitudinal direction
- all connections are locked and secured with captive screws which can be operated without tools
- handle with anti slip and cold protection
- with safety brake in the telescopic handle



Item no.	Version	Length m	Weight g
210454	telescopic ceiling hook	2,0-3,2	7.310
210453	extension	2,0	1.800
210452	telescopic, with extension	2,0-4,8	9.340

Dönges ceiling hook with NUPLA fibreglass handle

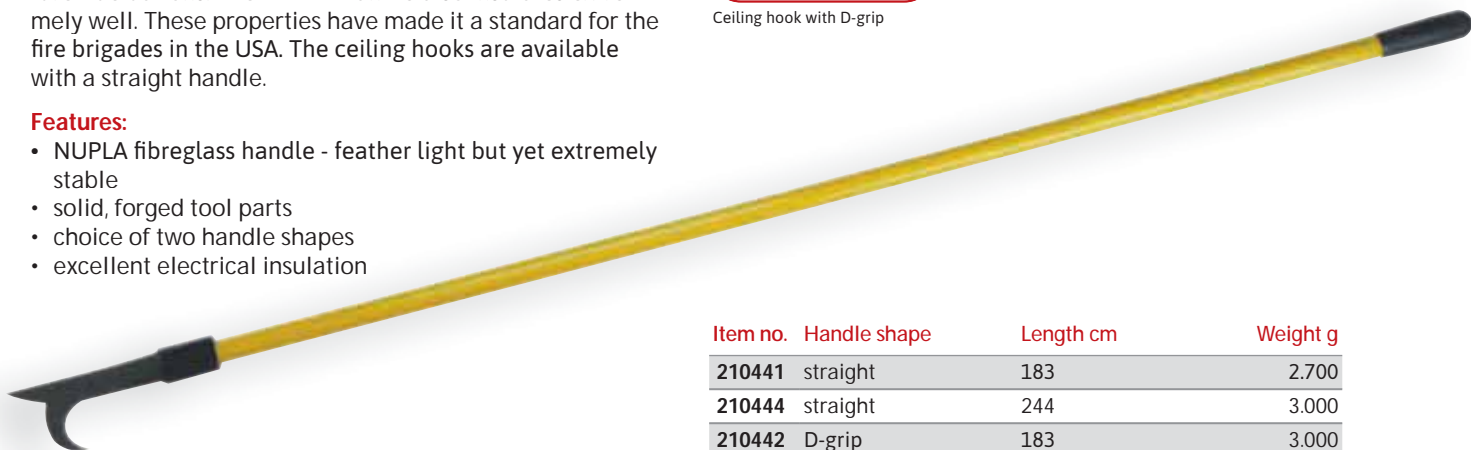
The specially shaped ceiling hook with NUPLA handle are similar to the German ceiling hook but have significant benefits during use. They are considerably lighter yet sturdy and resistant to moisture and wetness as well as temperature fluctuations. The NUPLA handle also insulates extremely well. These properties have made it a standard for the fire brigades in the USA. The ceiling hooks are available with a straight handle.

Features:

- NUPLA fibreglass handle - feather light but yet extremely stable
- solid, forged tool parts
- choice of two handle shapes
- excellent electrical insulation



Ceiling hook with D-grip



Item no.	Handle shape	Length cm	Weight g
210441	straight	183	2.700
210444	straight	244	3.000
210442	D-grip	183	3.000
210446	D-grip	244	3.500
210449	D-grip	305	3.400

The name **Inteletool** stands for Interchangeable Telescopic Tools. A small manufacturer in the US produces these robust tools. The portfolio includes a large number of common fire brigade tools. Until now, a lot of space had to be reserved for the individual tools (or rather their handles), with the Inteletool system, a large number of tools can be stored in the smallest possible space.



Inteletool telescopic fibreglass handle

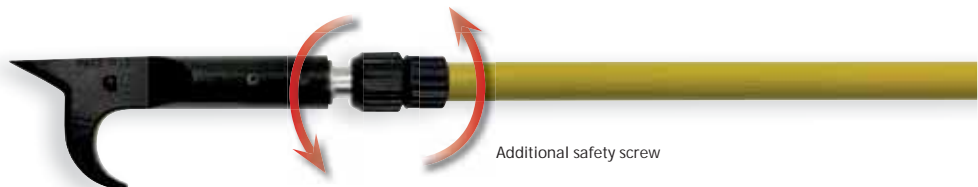
The telescopic handles with an interchangeable system offer the user a maximum of flexibility. The handles can be stowed away to save space and can be pulled out to the correct length as required. Thanks to the numerous tool heads, an entire range of tools can be stored in a minimum of space so as to be prepared for any eventuality.

Safety is also not neglected with this system. Fibreglass-reinforced plastic offers a high degree of safety against electrical and thermal hazards. The telescopic function works with a double safety system. The handle can be locked in any length with a quarter turn (**Twist-Lock**). In addition, the handle is secured with the retaining ring.

Features:

- durable and robust material
- double security thanks to Twist-Lock and screw lock
- infinitely variable in length
- easy change of tool heads possible
- insulated against cold and electrical voltage
- rubber-coated stem end for better grip

Item no.	Size	Length m	Grip	Weight g
200859	S	0,61 - 1,22	Straight	1.030
200860	M	1,22 - 2,44	Straight	1.590
200861	L	2,44 - 4,88	Straight	2.950
200856	tool head, fire rake			790
200857	tool head, wildfire beater			2.300
200858	tool head, McLeod tool			2.070
200863	tool head, dung hoe			1.650
200864	tool head, branch saw			410
200865	tool head, pike pole, US style			785



Additional safety screw

Inteletool telescopic fibreglass handle with tool head

The Inteletool handles are also available in combination with different tool heads.

Features:

- durable and robust
- double security thanks to Twist-Lock and screw lock
- infinitely variable in length
- easy change of tool heads possible
- handle insulated against cold and electrical voltage (not certified)

*All parts
also available
individually!*

Item no.	Size	Version	Gewicht g
201152	M	ceiling hook DIN standard shape	1.950
200866	M	fire rake	2.380
200867	M	wildfire beater	3.890
200868	M	McLeod tool	3.660
200869	M	dung hoe	3.070
200870	M	branch saw	2.000
200871	M	pike pole US-style	2.375
201153	L	ceiling hook DIN standard shape	3.950
200872	L	fire rake	3.740
200873	L	wildfire beater	5.250
200874	L	McLeod tool	5.020
200875	L	dung hoe	4.430
200876	L	branch saw	3.360
200877	L	pike pole US-style	3.735



Item no. 201153 Ceiling hook DIN standard

Item no. 200872 Fire rake



Item no. 200873 Wildfire beater



Item no. 200874 McLeod tool



Item no. 200875 Dung hoe



Item no. 200876 Branch saw



Item no. 200877 Pike pole US-style



Dönges FireBox made by Zarges

Features:

- welded profile frame joints (lid, upper and lower frame profile) = greater stability
- inner size is not reduced by the upper edge profile
- PU foam seal permanently foamed to the lid panel
- corner beads for even more sturdiness
- stainless steel hinge, secured with full rivets
- stainless steel connections with strong stainless steel brackets and sturdy full rivet connection
- ergonomic, plastic coated spring-loaded flip handles with 11 x 5 cm clearance = easy to operate even when wearing thick gloves
- handles secured with full rivets
- two extremely strong belt bands, secured with full rivets
- lid and wall panel thickness 1.35 mm
- compliant with DIN 14880:2013-12

Item no.	measurements L x W x H mm	Size	Weight g
214005	600 x 400 x 220	1	5.400
214010	400 x 300 x 220	2	4.000
214015	600 x 400 x 150	3	5.100
214020	400 x 300 x 150	4	3.400
214025	600 x 265 x 220	5	4.600
214030	800 x 400 x 330	6	8.000



Foamed-on seal



Corner beads



1.35 mm plate thickness



Large spring-loaded flip handles

Dönges and Zarges collaborate in the fire brigade and rescue area establishing a modern storage concept that is compliant with DIN 14880:2007-06 in the market.

Advantages of the Firebox:

- stackable in Euro palette dimensions, the special centring frame in the lid means that small crates can be safely stacked on the bigger versions
- extremely sturdy, quality that has been tried and tested millions of times from market leader Zarges
- extremely light, e.g. the DIN 14881 firefighter tool-kit weights about 7 kg less in this crate
- protected from dust and water spray in acc. with IP 44
- non-rusting and long-lasting because of extremely strong aluminium alloy
- easy to carry because of large ergonomic handles
- different internal equipment, foam rubber inserts, small parts boxes etc. available on request. Both fixed dividers and flexible systems are possible
- Lockable/sealable with padlock



Dönges firebox made by Zarges, transport basket DIN 14880

Aluminium basket, empty, without cover and without internal partitioning, perforated side walls for better ventilation of the stored objects. Particularly suitable for storing damp or wet equipment after operations.

All of the advantages of the FireBoxes also apply to this lightweight type of transport box for storing in the vehicle.

Item no.	Measurements L x W x H mm	Size	Weight g
214103	600 x 400 x 220	1	4.000
214104	400 x 300 x 220	2	1.900
214105	600 x 400 x 150	3	3.100
214106	400 x 300 x 150	4	1.300
214107	600 x 265 x 220	5	2.500
214108	800 x 400 x 330	6	5.300



Dönges tool box DIN 14881-FWKa

The hand-tool box with new a configuration in accordance with the revised DIN 14881:2013-12. In Dönges Firebox made by Zarges in acc. with DIN 14880-3-LM with aluminium dividers and "Handwerkzeug" lettering with individual description on request.

Dimensions 600 x 400 x 150 mm (L x W x H)

Scope of delivery:

1 pcs. Dönges firebox made by Zarges in acc. with DIN 14880, size 3

1 pcs. tool set acc. to DIN 14881



Item no.	Version	Weight g
211020	completely in Dönges FireBox	21.000
211021	tool set DIN 14881-FWKa, set w/o box	17.900
214101	hand tools DIN 14881-FWKa	5.300
200046	tool roll-up bag, screwdrivers, 12 compartments	370
200047	tool roll-up bag, 12 compartments	370
127296	edge pliers, immersion insulated, 250 mm	568
211850	slip joint pliers, 240 mm	350
217234	combination pliers, 180 mm	222
280204	side cutters, 160 mm	308
280108	metal bow saw, 300 mm	540
211030	saw blade 300 x 13 x 0,63 mm, blue	18
100861	Locksmith's hammer, w. ash handle, 500 g	617
109602	locking pliers, 250 mm	600
212311	electrician Screwdriver, 4,0 x 100 mm	60
212316	workshop screwdriver, 6,5 x 150 mm	105
212320	workshop screwdriver, 8,0 x 175 mm	129
211055	screwdriver PHILLIPS 80 mm	60
211056	screwdriver PHILLIPS 100 mm	79
211057	screwdriver PHILLIPS 150 mm	140
109603	allen key 1,5 mm	2
109604	allen key 2,0 mm	3
109605	allen key 2,5 mm	6
109606	allen key 3,0 mm	14
109607	allen key 4,0 mm	18
109608	allen key 5,0 mm	32
109609	allen key 6,0 mm	40
109610	allen key 8,0 mm	104

Item no.	Version	Weight g
109611	allen key 10,0 mm	179
102454	combination wrench set, 12 pieces, 10-32 mm	2.800
211070	combination wrench, 8 mm	33
217105	combination wrench, 15 mm	89
217110	combination wrench, 16 mm	107
217111	combination wrench, 18 mm	138
200153	combination wrench, 21 mm	161
280428	pin punch, 4 mm	63
280406	flat chisel, 200 mm, 23 mm, 26 mm	380
280412	chisel hand guard,, to Ø 20 mm	121
211484	flat nose pliers, 200 mm	220
210330	Carpenter's crowbar, length 400 mm	960
130803	adjustable spanner, Length 200 mm, to 23 mm	320
212260	new building key, 180 mm	187
217130	universal electrical cabinet key w. adapter	88
216008	socket set 3/8", 15-pieces, 8-24 mm	1.840
131222	allen wrench, 5,5 x 125 mm	20
131223	cross-angle screwdriver, PH 1 & 2, 100 mm	26
217005	screwdriver w. black tip, 2,5 x 75 mm	34
212493	universal safety knife SECUNORM PROFI, 20 mm	93
131905	measuring tape, length 3 m	120
280100	ventilation around the outer frame	65
217055	screwdriver TORX, size TX 10	5
217060	screwdriver TORX, size TX 15	7
217065	screwdriver TORX, size TX 20	11
217070	screwdriver TORX, size TX 25	14
217075	screwdriver TORX, size TX 27	23
217080	screwdriver TORX, size TX 30	30
217085	screwdriver TORX, size TX 40	47
217090	screwdriver TORX, size TX 45	62

Dönges Tool box DIN 14881-FWKa

Hand-tool set according to DIN 14881:2013-12. In Dönges FireBox made by Zarges according to DIN 14880, size 3 with foam inlays for safe and clear storage of all tools and Hand-tool set according to DIN 14881:2013-12. In Dönges FireBox made by Zarges according to DIN 14880, size 3 with foam inlays for safe and clear storage of all tools and "Handwerkzeug" lettering with individual description on request.

Dimensions 600 x 400 x 150 mm (L x W x H)

Scope of delivery:

- 1 pcs. Dönges firebox made by Zarges in acc. with DIN 14880, size 3
- 1 pcs. Tool set acc. to DIN 14881
- 1 pcs. Foam inlay

Item no.	Version	Weight g
201628	complete in Firebox with foam inlay	21.000
211021	tool set DIN 14881-FWKa, set w/o box	17.900
214101	hand tools DIN 14881-FWKa	5.300
127296	edge pliers, 250 mm	568
136270	water pump pliers, 250 mm	0
211851	combination pliers, 160 mm	231
280204	side cutters, 160 mm	308
280108	metal bow saw, 300 mm	540
211030	metal saw blade, 300 x 13 x 0,63 mm, blue	18
100861	Locksmith's hammer, w. ash handle, 500 g	617
109602	locking pliers, 250 mm	600
212311	electrician screwdriver, 4,0 x 100 mm	60
212316	workshop screwdriver, 6,5 x 150 mm	105
201625	workshop screwdriver, 8,0 x 130 mm	0
211055	screwdriver for PHILLIPS 80 mm	60
211056	screwdriver for PHILLIPS 100 mm	79
211057	screwdriver for PHILLIPS 150 mm	140
109603	allen key 1,5 mm	2

Item no.	Version	Weight g
109604	allen key 2,0 mm	3
109605	allen key 2,5 mm	6
109606	allen key 3,0 mm	14
109607	allen key 4,0 mm	18
109608	allen key 5,0 mm	32
109609	allen key 6,0 mm	40
109610	allen key 8,0 mm	104
109611	allen key 10,0 mm	179
102454	combination wrench set,, 12 pieces, 10-32 mm	2.800
211070	combination wrench, 8 mm	33
217105	combination wrench, 15 mm	89
217110	combination wrench, 16 mm	107
217111	combination wrench, 18 mm	138
200153	combination wrench, 21 mm	161
280428	pin punch 4 mm	63
280406	flat chisel 200 mm, 23 mm, 26 mm	380
280412	chisel hand guard, to Ø 20 mm	121
134489	flat nose pliers, 200 mm	190
210330	carpenter's crowbar, Length 400 mm	960
130803	adjustable spanner, Length 200 mm, to 23 mm	320
212260	new building key, 180 mm	187
217130	universal electrical cabinet key w. adapter	88
216008	socket set 3/8", 15-pieces, 8-24 mm	1.840
131222	allen wrench, DIN 5200, 5,5 x 125 mm	20
131223	cross-angle screwdriver, PH 1 & 2, 100 mm	26
217005	screwdriver with black tip, 2,5 x 75 mm	34
136986	universal safety knife Profi, aluminium	0
131905	measuring tape, Length 3 m, Width 16 mm	120
280103	safety glasses Fahrenheit	109
217055	offset screwdriver TORX, Size TX 10	5
217060	offset screwdriver TORX, Size TX 15	7
217065	offset screwdriver TORX, Size TX 20	11
217070	offset screwdriver TORX, Size TX 25	14
217075	offset screwdriver TORX, Size TX 27	23
217080	offset screwdriver TORX, Size TX 30	30
217085	offset screwdriver TORX, Size TX 40	47
217090	offset screwdriver TORX, Size TX 45	62

Three layers
with foam inserts
for safe and clear
storage of the
individual tools



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in
Germany



Dönges traffic accident-tools box DIN 14800-VUK

Traffic accident-tool set according to DIN 14800-13:2020-11. In Dönges FireBox made by Zarges according to DIN 14880, size 1 with aluminium compartments and inscription „Traffic accident“. The holder for the glass master is already fitted inside the lid.

Dimensions 600 x 400 x 220 mm (L x W x H)

Scope of delivery:

- 1 pcs. Dönges Firebox made by Zarges in acc. with DIN 14880, size 1
- 1 pcs. Dönges Tool set for traffic accidents according to DIN 14800-13:2020-11



Item no.	Version	Weight g
201664	completely in Dönges FireBox	14.245
214090	traffic accident DIN 14800-VUK	6.000
201699	traffic accident tools set DIN 14800-VUK, w/o box	0
217512	disposable gloves, Vinyl, L	5
217516	disposable gloves, Vinyl, M	4
280135	rescue blanket	50
280100	ventilation around the outer frame	65
280136	double open spanner, 10 x 11 mm	58
280137	double open spanner, 12 x 13 mm	77
212435	seat belt cutter, neon yellow	45
217525	all-purpose knife, 11 cm	120
217530	carpenter's crowbar, Length 500 mm	1.240
212470	glass and rescue saw, 425 mm	1.400
200057	adhesive tape for dispenser, length 50 m	250
217547	rescue marker, red	38
280068	chalk marker, yellow	20
217550	wedge, saw rough, 400 x 100 x 80 mm	640
200056	wedge, hardwood, 350 x 95 x 75 mm	2.600
200055	wedge, hardwood, 350 x 95 x 35 mm	1.300
211019	power side cutters, 200 mm	340
217531	Dönges clip lifter, 210 mm, 100 mm	100
256215	electrician protective gloves, Size 10	300
100578	cover sheet, 1.000 x 1.000 x 1,6 mm, orange	1.665



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in
Germany



Dönges electrical-tool box DIN 14885

Power-tool set according to DIN 14885:2013-12.
In Dönges FireBox made by Zarges according to DIN 14880, size 4 with aluminium divisions and the inscription „Werkzeugkasten E“.



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Scope of delivery:

- 1 pcs. Dönges Firebox made by Zarges in acc. with DIN 14880, size 4
- 1 pcs. electrical-tool set DIN 14885



Item no.	Version	Weight g
217805	without foam inlay	7.200
201151	with foam inlay	7.500
214102	electrical-tool box DIN 14885	3.600
217810	electrical-tool DIN 14885, set w/o box	6.380
217321	warning sign, 200 mm	20
217315	warning sign, 100 mm,	20
826170	screwdriver with black tip, 3,5 x 100 mm	35
826190	screwdriver with black tip, 5,5 x 125 mm	76
826210	screwdriver with black tip, 8,0 x 175 mm	126
826220	screwdriver with black tip, 10,0 x 200 mm	184
211484	flat nose pliers, VDE-tested, 200 mm	220
211019	power side cutters, 200 mm	340

Item no.	Version	Weight g
211165	VDE open-end wrench, 10 mm	42
211166	VDE open-end wrench, 11 mm	48
211167	VDE open-end wrench, 12 mm	58
211168	VDE open-end wrench, 13 mm	68
211169	VDE open-end wrench, 14 mm	84
211170	VDE open-end wrench, 15 mm	88
211175	NH safety handle with leather cuff	448
102944	electrical insulation tape, 15 mm x 10 m, black	34
280066	chalk marker, white	20
211190	warning sign, self-adhesive, 70 x 25 mm	10
104779	cable ties, 360 x 4,5 mm, bundle-Ø 102 mm	220
826240	screwdriver for PHILLIPS 80 mm	61
826250	screwdriver for PHILLIPS 100 mm	82
826260	screwdriver for PHILLIPS 150 mm	146
200146	voltage tester Duspol expert	358

Glas-Master glass and rescue saw

The Glas-Master is a manual glass-cutting tool for cutting out windows extremely quickly. Windows can be cut out in seconds without using electrical or hydraulic equipment. Unlike various copies, only the original Glas-Master has the saw blade with the special tooth geometry and is ready for use immediately. The automatic spring centre punch is kept in the rubber-coated handle of the Glas-Master, with which side and rear windows can be opened. In order to use the punch, it is turned round and placed on the window. When a certain amount of pressure is applied, the punch is activated and shatters the safety glass.

Features:

- sturdy, varnished tubular steel body
- replaceable special saw blade
- rubber hand guard
- non-slip, soft rubber handle for front hand
- two screw-on wall and vehicle brackets



Item no.	Length mm	Weight g
212470	425	1.400
212475	replacement saw blade for original	75
211314	special glass punch, 130 mm	70



Glas-Master glass management set

A tool-case in which the emergency services have everything at hand and ready once arriving at the scene of a traffic accident to obtain initial access to the victim through the front, side or rear window.

The sturdy plastic case contains partitioning made from industrial Plastazote which reliably secures the tools in place and keeps things organised. The set is recommended for patient-oriented rescue work.

Scope of delivery:

- 1 pcs. original Glas-Master with special saw blade
- 1 pcs. original Glas-Master rescue knife PRT II
- 1 pcs. automatic centre punch
- 1 pcs. safety goggles
- 1 pcs. Dönges clip lifter
- 3 pcs. dust masks
- 1 pcs. adhesive tape dispenser
- 1 roll adhesive tape to seal side windows and easy removal of front windows
- 2 bar foil to cover accidented victims during work



Item no.	Measurements mm	Weight g
212471	480 x 460 x 140	3.600
212470	glass and rescue saw, 425 mm	1.400
211314	special glass punch, 130 mm	70
212475	replacement saw blade for original	75
212402	pocket rescue tool PRT-II, Glasmaster	180
217531	Dönges clip lifter, 210 mm, 100 mm	100
217536	portable adhesive tape dispenser, 240 mm	410
200848	PP packing tape F29, 66 m x 50 mm, colourless	160
217520	Polyethylene foil 50µ, 2000 x 1000 mm	77
200090	safety respirator 8710E, FFP1 NR D	11

Dönges window-breaker and belt-cutter SafetyPen

The SafetyPen was developed by professional emergency personnel. The new, more durable vehicle windows make the emergency personnel face new challenges. The SafetyPen can, with its specially hardened tip, destroy car windows with a thickness of up to 10 mm and therefore making suitable for the newest generation of vehicle windows. It also includes a practical and reliable belt cutter to quickly assist and save accidented victims.

Features:

- extremely hard tip
- shatters glass up to 10 mm thickness
- spring-loaded system for easy handling
- reliable belt knife
- wrist strap

Scope of delivery:

- 1 pcs. SafetyPen
- 1 pcs. vehicle mount with adhesive tape
- 1 pcs. wrist strap



Item no.	Colour	Length mm	Weight g
200144	black	113	102

Dönges splinter-shield set

The new Dönges splinter-shield set was developed to provide optimum protection for trapped patients when using hydraulic rescue equipment or other mechanical work. The shields are simply positioned between the work area and the accidented victim as required.

The set includes a rectangular shield and a triangular shield. Both shields are equipped with adjustable rubber handles and thanks to the flexible material, they can be easily adapted to the conditions on site. Another advantage is the highly transparent soft PVC, as light conditions and visibility are not restricted.

Scope of delivery:

- 1 pcs. protection shield square 600 x 400 mm
- 1 pcs. protection shield triangular 600 x 400 mm
- 1 pcs. protective and transport bag



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Best-Nr.	Packing size mm	Gewicht g
215152	650 x 450 x 40	3.700

Dönges protective blanket set

This nine-part safety-blanket set is made of extremely strong materials to use in harsh conditions by fire and rescue services. The safety blankets consist of washable nylon fabric on the outside and extremely durable, tear-resistant nylon/polyester blended fabric on the inside. The emergency tarpaulins and the carrying bag are made of sturdy tarpaulin material which is also easy to wash. The protective covers are held in position by strong magnets and the holm protectors can be attached with hook and loop fasteners.

Scope of delivery:

- 1 pcs. protective blanket for windscreens and rear window, 160 x 60 cm
- 2 pcs. protective blankets for side windows, 65 x 65 cm
- 4 pcs. holm protectors, 28 x 43 cm
- 1 pcs. tool provision tarpaulin, 120 x 250 cm
- 1 pcs. carrying bag



Item no.	Packing size mm	Weight g
250000	700 x 500 x 150	4.500



Dönges patient-protection blanket with exchangeable see-through window

Technical rescue with Dönges protection blanket:

In traffic accidents, drivers or passengers are often trapped in a damaged vehicle. The Dönges patient-protection blanket protects the patient from glass dust, splinters, sparks, etc. when firefighter dismantle an accidented vehicle during a rescue operation.

See-through window for a quick response:

Victims of accidents need medical care during the entire rescue process. This window enables medical staff to respond promptly to changing conditions.

The blanket (without window) is washable at 90 °C.

The surface of the see-through window must be disinfected after each use. The entire system has a fire resistance class CRIB 5.

The protection blanket will be delivered with a transport bag.

Features:

- bacteriostatic
- washable at 90°C, suitable for tumble dryers (except see-through window)
- can be disinfected using normal commercial materials
- fire resistance class CRIB 5

Technical data:

Colour: red
Material: 57% PES, 43% PU
Material of see-throug window: PVC
See-through window: 50 x 50 cm

Item no.	Dimensions L x W x H cm	Weight g
201140	120 x 200	1.240



Dönges airbag protection set

Airbag-Safety-System Type 2:
Supplied in sturdy plastic case. For steering wheel diameters of 35-39 cm, 40-45 cm and 43-50 cm.

Scope of delivery:

- 1 pcs. car airbag protection
- 1 pcs. van airbag protection
- 1 pcs. lorry airbag protection
- 1 pcs. user manual
- 1 pcs. box



Item no.	Version	Dimensions L x W x H mm	Weight g
218400	Complete set, driver side car/van/lorry	395 x 295 x 106	2.240

Dönges airbag protection set

Supplied in sturdy plastic case. For steering wheel diameters of 35-39 cm and 40-45 cm.

Scope of delivery:

- 1 pcs. lorry airbag protection
- 1 pcs. user manual
- 1 pcs. box



Item no.	Version	Dimensions L x W x H mm	Weight g
218420	driver side, lorry	395 x 295 x 106	1.300



All
airbag protections
are supplied
with a sturdy case



The Dönges airbag safety system reliably prevents rescuers from being injured by the opening airbag in the event of an unintentional airbag deployment during a rescue operation. Depending on the intended use, there are different sets for different vehicle classes.



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in
Germany

Dönges airbag protection set

Airbag-Safety-System Type 1:
Supplied in sturdy plastic case. For steering wheel diameters of 35-39 cm and 40-45 cm.

Scope of delivery:

- 1 pcs. car airbag protection
- 1 pcs. van airbag protection
- 1 pcs. user manual
- 1 pcs. box



Item no.	Version	Dimensions L x W x H mm	Weight g
218410	Drivers side set, car/van	395 x 295 x 106	1.740

Dönges passenger airbag safety system

The use of its five tensioning straps helps to quickly assemble the system (in approx. one minute) both with the roof removed and with an intact vehicle.
Supplied in a sturdy plastic case.

Scope of delivery:

- 1 pcs. airbag safety system for the passenger
- 1 pcs. user manual
- 1 pcs. box



Item no.	Version	Dimensions L x W x H mm	Weight g
218430	front passenger side	395 x 295 x 106	4.232

Dönges mobile privacy screen

Gawkers have always been a major problem for emergency services. Since almost everyone carries a smartphone and can publish and share photos and videos almost immediately, this problem has taken on completely new dimensions in recent years. But it is not only the additional stress caused by the observers that is a problem, it is not uncommon for police forces to be called in to keep spectators at a distance. Accidents on the oncoming lane at motorway accidents are the daily routine.

With its small pack size, the mobile privacy screen can always be carried along. It can be completely assembled in just a few seconds by one person.

The wall consists of a robust, washable tarpaulin material and fibreglass rods. Numerous tabs and eyelets allow easy

positioning and tensioning*. Zips are incorporated at the beginning and end of the wall, so that several walls can be connected together to protect even larger areas from unwanted visitors. It will be delivered in a sturdy transport bag.

*Tensioning set with three anchors, lines and carabiners each is available under item number 221301.

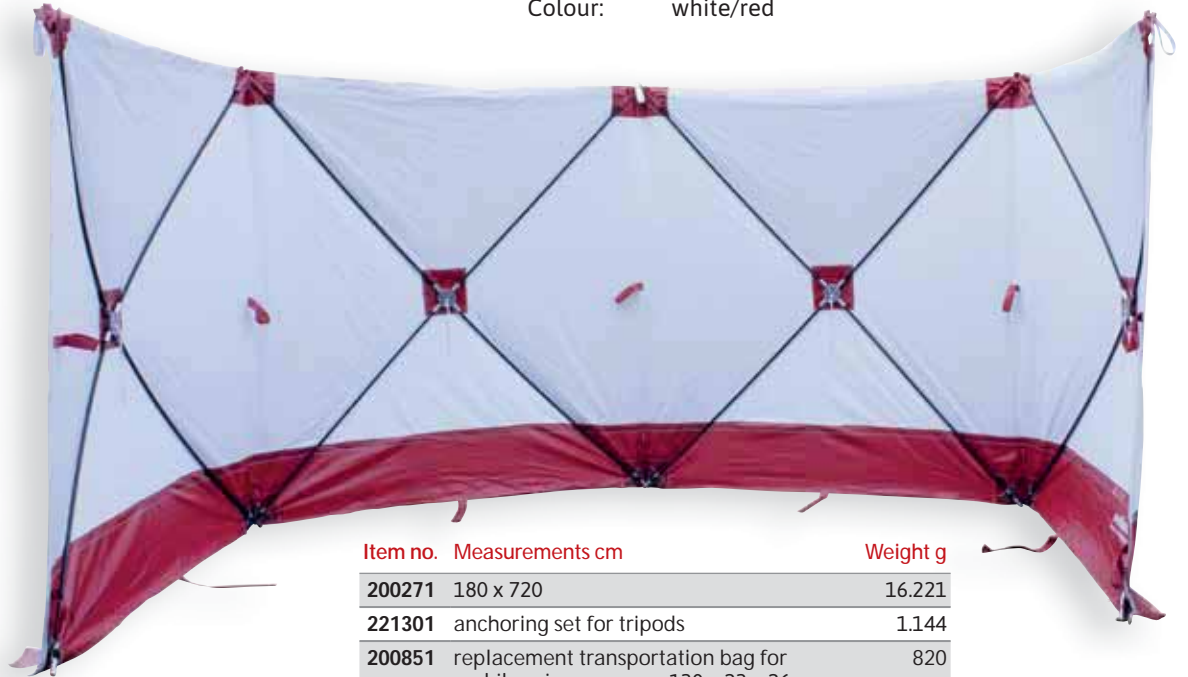
Features:

- assembly without tools in just one minute
- can be set up by only one person
- endlessly expandable thanks to zippers
- height of the privacy screen approx. 180 cm
- robust and durable

Technical data:

Packing size: 130 x 23 x 26 cm

Colour: white/red



Item no.	Measurements cm	Weight g
200271	180 x 720	16.221
221301	anchoring set for tripods	1.144
200851	replacement transportation bag for mobile privacy screen, 130 x 23 x 26 cm	820

Dönges rescue platform according to DIN 14830

The aluminum platform meets or exceeds the requirements of the standards in all aspects and with very compact packing dimensions and low weight.

Thanks to sturdy joints the platform can be assembled or disassembled within seconds.

It is height adjustable which adds an individual balance to each foot on different levels.

The railing can be folded down in two moves. These conditions make this platform the first choice for many rescue operations.

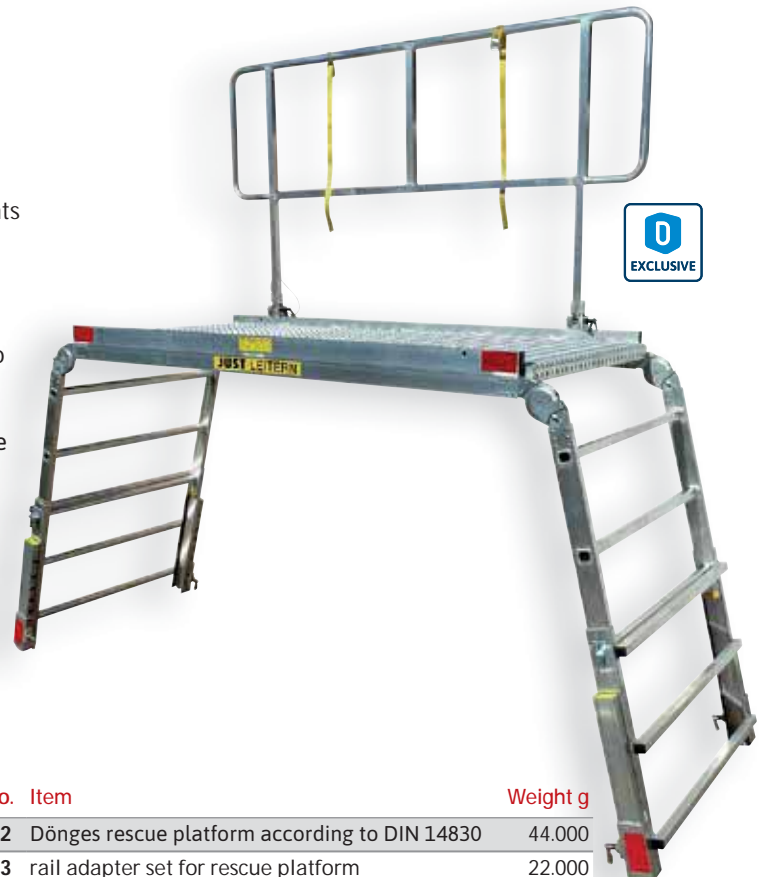
Optionally available: Rail adapter set for rescue platform

Features:

- made of high-quality aluminum
- level-adjustable platform feet
- climbable without additional ladder
- one-sided plug-in and foldable railing with handrail, knee rail and foot weir
- Höhe in 25 cm-Schritten anpassbar

Technical data:

Dimensions L x W: 180 x 80 cm
 Height: 80-160 cm
 Packing size L x W x H: 173 x 96 x 25 cm
 Capacity: max. 500 kg



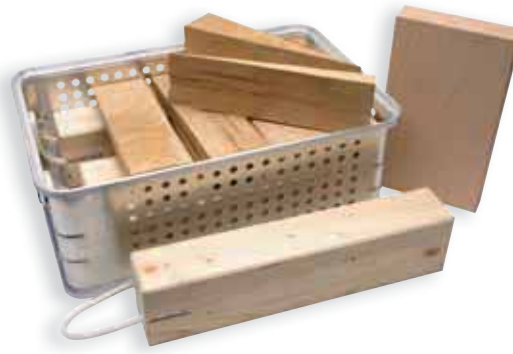
Item no.	Item	Weight g
221152	Dönges rescue platform according to DIN 14830	44.000
221153	rail adapter set for rescue platform	22.000

Dönges shaped timbers in FireBox (HLF)

Shaped timbers in acc. with DIN 14530-11, stored in Dönges Firebox basket made by Zarges in acc. with DIN 14880-1-LM-O-G, 600 x 400 x 220 mm.

Scope of delivery:

- 6 pcs. wedge, 75 x 95 x 350 mm, rough sawn, hardwood
- 2 pcs. wedge, 35 x 95 x 350 mm, rough sawn, hardwood
- 2 pcs. beech plywood board 50 x 200 x 350 mm glued watertight, with 3 mm bevel
- 4 pcs. squared timber, 120 x 88 x 500 mm, made of glued laminated wood (softwood), waterproof glued, 3mm edges chamfered, with carrying strap made of polyester rope with a 10 mm diameter



made in Germany

Item no.	Dimensions L x W x H mm	Weight g
217368	600 x 400 x 220	23.700
214103	firebox made by Zarges, transport basket DIN 14880, 600 x 400 x 220 mm	4.000

Dönges stabilisation-system CrashStay

The CrashStay support system lives up to the ~Made in Germany~ seal of quality. Extremely robust, resilient, reliable and safe. A system you can rely on.

The supports can be extended completely steplessly over the entire length and then additionally retightened using the supplied control lever. For a 100% perfect fit in every situation. An eccentric shaft secures the support in a self-locking manner. Since the operating lever can be removed afterwards, an accidental release of the locking device is impossible.

The steel construction is not subject to material aging due to volatile plasticizers or UV radiation, as is the case with systems with plastic elements, for example. Even short load peaks or torsional stress can be withstood without splintering or cracks in the material.

The support system is delivered in a stable transport bag made of tarpaulin material.

Features:

- galvanized steel, no compromises in stability and durability
- quick installation and clamping
- infinitely adjustable, can be clamped with millimetre precision
- self-locking mechanism for highest safety

Technical data:

Retracted length:	1.220 mm
Extended length:	2.000 mm
Max. load per support:	55 kN
Weight per support:	13 kg
Belt length:	5 m

Scope of delivery:

- 2 pcs. CrashStay support
- 1 pcs. carrying bag



made in Germany



Item no.	Packing size mm	Weight g
201394	1.350 x 210 x 240	32.000

Dönges foldable wheel chock similar to DIN 14584 up to 50kN

The Dönges wheel chock is foldable and therefore particularly space-saving. A spring pre-tension allows the wedge to be unfolded easily and is immediately ready for use. Special toothing on the underside enables use even in difficult terrain and when using towing equipment with mechanical drive (winch).

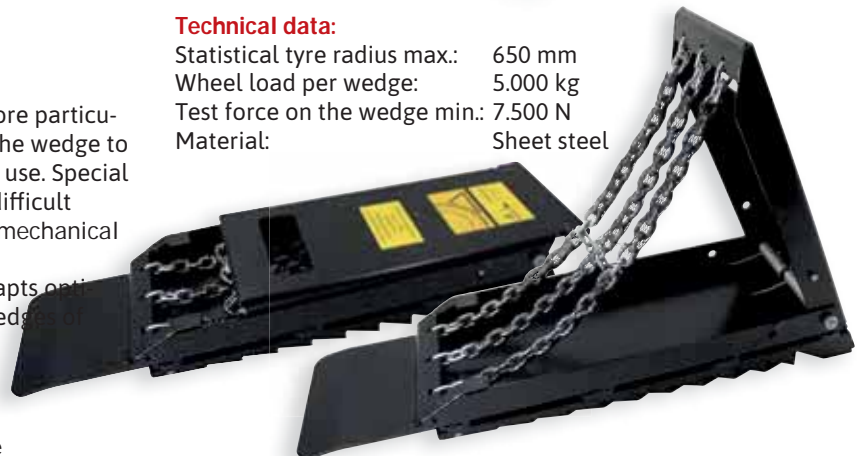
Due to the flexible chain strands, the wedge adapts optimally to the individual tyre size and replaces wedges of type G36, G46 and G53.

Features:

- foldable and space-saving
- suitable for draw gears with mechanical drive
- replaces wedges of type G36, G46 and G53

Technical data:

Statistical tyre radius max.:	650 mm
Wheel load per wedge:	5.000 kg
Test force on the wedge min.:	7.500 N
Material:	Sheet steel



Item no.	Dimensions L x W x H mm	Weight g
201123	750 x 200 x 98	13.800

Setolite battery-powered floodlight Aldebaran Raptor R

The battery-powered floodlight Raptor R can be operated with batteries of the most well-known manufacturers and therefore offering the highest flexibility and speed while using. The Xpect LED module with pre-focused lenses delivers a homogeneous luminous flux of 10,000 lumens and is thus subjectively even brighter than a classic 1,000 W halogen spotlight.

The Raptor R can do more:

It is operated by two large push buttons on the back. The Raptor R can be dimmed to 50% or 25% for a longer runtime. In addition, the floodlight also offers three different flashing modes (flashing, strobing, double strobing). Together with the supplied attachment lenses in blue and orange, the Raptor R can also be used as signal light.

Universal for your existing system:

There are already a variety of battery-powered devices available for most vehicles. But the Raptor R integrates seamlessly regardless of which system you have already decided on. It is available on two different exchangeable battery plates for the 18 V system batteries of common manufacturers:

MBHP = Makita, Bosch, Hitachi, Panasonic

DMM = Dewalt, Metabo, Milwaukee

So, you don't have to buy a new system for the Raptor R and you don't have to control the battery management.

Ready for the future:

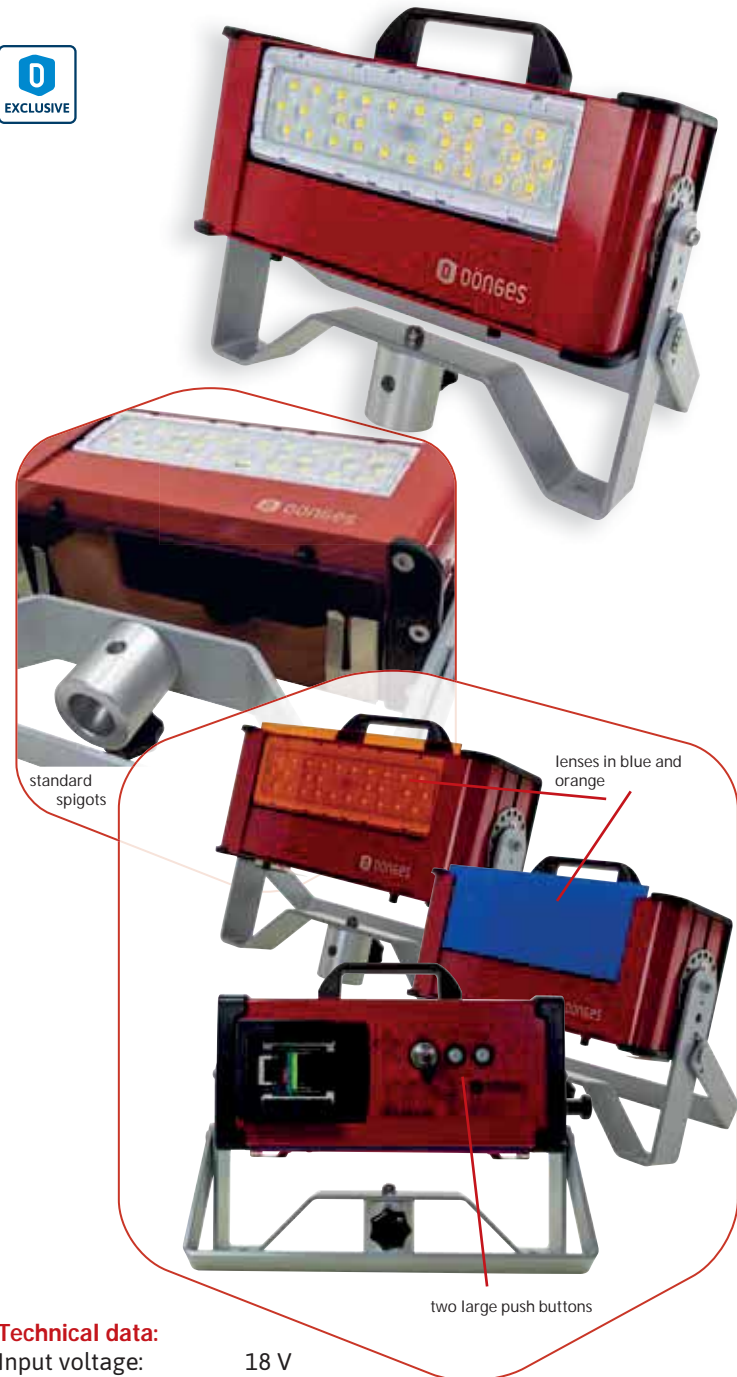
The Raptor R replaces the 1,000 W halogen floodlights in terms of dimensions, weight and light output and offers the well-known advantages of LED technology in terms of service life, heat generation, efficiency and light color. Thanks to the battery technology you are more flexible and faster than ever before. Insert the battery and illuminate the application site without compromises.

Details for the professionals:

Rubber corners as additional impact protection, holder for the attachment panes (attachment panes are included in delivery), comfortable carrying handle, robust stand made of 5 mm thick aluminum, multi-stage tilt adjustment mechanism, housing made of aluminum and V2A stainless steel, passive cooling, holder for standard spigots DIN 14640, neutral white light color, 230 V connection via separately available power supply unit - The Raptor R was consistently developed for professional use.

Features:

- operation via 18 V system batteries of all common manufacturers
- compact and robust
- reception for standard pegs
- with stand foot
- extra homogeneous light distribution, similar to that of a halogen floodlight
- homogeneous light image by asymmetrical Xpect lens system (reliably prevents unwanted light scattering)
- continuous operation possible via optional power supply unit



Technical data:

Input voltage:	18 V
Colour temperature:	4.000 K
CRI:	>70
Light source:	Xpect LED Module
Service life:	50.000 h
Ambient temperature:	-40 °C up to +50 °C
Degree of protection:	IP54 (batteries may have different protection levels)
Mains connection:	via separately available power supply unit
Operating time:	approx. 2 h at 100% with an 8 Ah battery

Scope of delivery:

- 1 pcs. battery-powered floodlight (without battery)
- 2 pcs. filter (1x each orange and blue)

Item no.	Version	Light output lm	Dimensions L x W x H mm	Weight g
223300	MBHP	10.000	340 x 300 x 155	3.650
223301	DMM	10.000	340 x 300 x 155	4.700
223302	power supply unit for Aldebaran Raptor R			1.600
137361	battery starter set: 2 ProCORE 18 V, 8.0 Ah batteries, quick charger			3.441
221316	tripod DIN 14683			4.301
201334	telescopic tripod with air suspension			13.500
221315	telescopic stainless steel tripod with air suspension			15.400

Setolite 2 x floodlight Aldebaran Gladius 2K

The ALDEBARAN® GLADIUS 2K has an integrated cable reel with a 10 meter long cable as well as an integrated carrying handle and a DIN pin adapter at the bottom. This makes the ALDEBARAN® GLADIUS 2K the universal lighting tool and an efficient replacement for conventional halogen lamps. The new SETO XPECT2 LED lens system allows a high-range search-operation, as well as an extensive-lighting for near-range. This is the case without any scattering losses. The integrated SETO LifeView system provides a more natural color reproduction and an optimal performance even in adverse weather conditions. If this is the case, different light colors are mixed admirably in order to achieve optimized reproduction of the environment.



Features:

- compact design
- reception for standard pegs
- up to 8-times reduced energy demand while the light output is up to 40 % higher
- extremely homogenous light distribution
- homogeneous light image by asymmetrical Xpect lens system (reliably prevents unwanted light scattering)
- cable rewind on back
- variants for 230 V with waterprrof plug IP68

Technical data:

Input voltage:	100-240 V, 10-35 V
Colour temperature:	5.700/4.000 K
CRI:	>70
Light source:	2 x Xpect2 LED module
Service life:	50.000 h
Ambient temperature:	-40 °C up to +50 °C
Degree of protection:	IP65
Power consumption 230 V:	160 W
Power consumption 12/24 V:	120 W
Light output:	23.000 lm



Item no.	Version	Light output lm	Measurement H x B x T mm	Weight g
200135	230 V, 1 m connection cable	23.000	355 x 339 x 169	5.300
221372	230 V, 10 m connection cable	23.000	355 x 339 x 169	6.500
221472	12/24 V, 5 m connection cable	23.000	355 x 339 x 169	6.500

Dönges LED floodlight 60 W

Features:

- high-quality housing with high capacity heat sink
- hand-lever to lock tilt angles
- adapter for standard pins made of aluminium
- power cable with pressurised waterproof plug IP68



Item no. 228340

These LED floodlights are even brighter than the 60W-version. Otherwise, it corresponds exactly to this standard in all details and quality.

These LED floodlights offer state-of-the-art lighting technology at an unbeatable price. The LED light source has a long service life and is not sensitive to vibration. The LED floodlights can also be operated on small generators without any problems. The large beam angle of approx. 150 enables good surface illumination with very good colour rendering. Thanks to the generously proportioned heat sink, the spotlights heat up only slightly even during long periods of use, which has a positive effect on the light emission of the LED. After use, the spotlights can be loaded again immediately without cooling down. The mounting sleeve according to DIN 14640 allows universal mounting on all standard pins.

Two versions are available: one version is specially designed for use in our spotlight container and is therefore equipped with a connection cable only 50 cm long. The stand-alone version is equipped with a 10 m connection cable.

Item no.	Light output lm	Measurements W x H x D mm	Cable type m	Weight g
228341	6.000	265 x 300 x 115	10	2.200
228340	6.000	265 x 300 x 115	40	2.500
221316	tripod DIN 14683			4.301
201334	telescopic tripod with air suspension			13.500
221315	telescopic stainless steel tripod with air suspension			15.400



Dönges fire brigade LED floodlight 100 W

Technical data:

Colour of light:	6.500 K
Degree of protection:	IP65
Light source:	LED
Energy efficiency:	A
Emission angle:	150 °
Voltage:	230 V

Features:

- high-quality housing with high capacity heat sink
- hand-lever to lock tilt angles
- mounting adapter for standard pins
- power cable with pressurised waterproof plug IP68



Item no.	Light output lm	Measurements W x H x D mm	Cable type m	Weight g
228351	10.000	340 x 375 x 115	10	6.600
228350	10.000	340 x 375 x 115	50	5.400
221316	tripod DIN 14683			4.301
201334	telescopic tripod with air suspension			13.500
221315	telescopic stainless steel tripod with air suspension			15.400



Dönges floodlight carrier set

The Dönges floodlight carrying device is used for quick spotlighting of an area of operation and can be mounted on any tripod with a DIN cone. Since no further assembly is required, the effort is considerably reduced compared to a system with a floodlight bridge.

The carrying device is equipped with two waterproof sockets (IP68) and has a 10 m connection cable H07RN-F with waterproof Schuko-plug (IP68). The cable can practically be stored in the frame. The cones can be adjusted in width with a quick-release, making the spotlight carrier suitable for almost all floodlights.

Features:

- optimum protection and safe transport of the headlamps
- cone and cone adapter according to DIN 14640
- solid frame with ergonomic carrying handle
- with waterproof Schuko-plug IP68
- adjustable cone-gap in between 33 cm and 47 cm
- floodlights can be freely rotated and tilted

Technical data:

Voltage: 230 V
 Degree of protection: IP65
 Connection cable: 10 m (H07RNF3G1.5)
 Measurements W x H x D: 558 x 447 x 187 mm

Scope of delivery:

1 pcs. Floodlight carrier
 2 pcs. floodlights



200885 2 x 100 W LED



200886 2 x 160 W LED



200898 2 x 60 W LED

Item no.	Version	Light output lm	Weight g
200898	2 x 60 W LED	2 x 6.000	9.000
200885	2 x 100 W LED	2 x 10.000	15.400
200886	2 x 160 W LED	2 x 23.000	20.500

Item no.	Version	Light output lm	Weight g
221316	tripod DIN 14683		4.301
201334	telescopic tripod with air suspension		13.500
221315	telescopic stainless steel tripod with air suspension		15.400

Dönges floodlights V2 carrier

Features:

- optimum protection and safe transport of the headlamps
- cone and cone adapter according to DIN 14640
- solid frame with ergonomic carrying handle
- with waterproof Schuko-plug IP68
- adjustable cone-gap in between 33 cm and 47 cm
- floodlights can be freely rotated and tilted

Technical data:

Voltage: 230 V
 Degree of protection: IP68
 Connection cable: 10 m (H07RNF3G1.5)



Item no.	Measurements W x H x D mm	Weight g
200929	558 x 447 x 187	4.600
228340	LED floodlight 60 W, 6.000 lm	2.200
228350	fire brigade LED floodlight 100W, 10.000 lm, 0,5 m	5.400

Item no.	Measurements W x H x D mm	Weight g
221316	tripod DIN 14683	4.301
201334	telescopic tripod with air suspension	13.500
221315	telescopic stainless steel tripod with air suspension	15.400

Setolite operation site floodlight Aldebaran XLD-C Compact Basic

The Aldebaran XLD-C Compact is supplied with a mounting sleeve for standard spigots. This can be inserted into the luminaire from above or below using a quick-release fastener. This makes it easy to operate the XLD-C Compact either normally or overhead. The mounting sleeve is suitable for spigots according to DIN 14640 and can therefore be attached to any standard tripod. Special pre-positioning discs can be used to further reduce glare, making the XLD-C Compact ideal for use in confined spaces.

Thanks to optional segment switching and a dimming function, the amount of light required can always be adjusted exactly to the need.

A swivelling mounting sleeve is also available as an option. This allows the luminaire to be swivelled in any direction and at any angle.

The Basic version can also be upgraded with optional interchangeable cables with a switch for segmental switching ("SWITCH" supply cable) or with a switch and dimming function ("DIM" supply cable). The supply cables can be easily exchanged via a plug connection underneath the housing.

Features:

- optimum handling thanks to low weight and compact dimensions
- high brightness, homogeneous illumination
- passive, wear-free cooling technology
- Xpect2 LED module lens optics
- overhead operation due to integrated fixing eye

Technical data:

Power:	280 W
Light source:	4 x Xpect2 LED-Module
Voltage:	240 V
Light output:	45.000 lm
Degree of protection:	IP67
Colour of light:	5.000 K
LED lifetime:	50.000 h
Temperature range:	-40 to +59 °C
CRI:	>70
Connection:	8 m rubber cable with plug IP68
Dimensions L x W x H:	446 x 446 x 228 mm
Packing size:	450 x 500 x 150 mm

Scope of delivery:

- 1 pcs. Aldebaran XLD-C Compact Basic
- 1 pcs. rigid mounting adapter
- 4 pcs. front panels (diffusor)
- 1 pcs. carrying bag
- 1 pcs. power cable (without switch/dimmer)

Item no.	Colour	Weight g
201667	yellow	11.500
201034	dimmer supply line for XLD-C compact Basic application area lighting	500
201031	switch supply line for XLD-C compact Basic application area lighting	500
201334	telescopic tripod with air suspension	13.500
221315	telescopic stainless steel tripod with air suspension	15.400

Lots of light and the fastest set-up time are the core features of the new Aldebaran XLD-C Compact. Like its big brother, the Aldebaran XLD 2-C, the Aldebaran XLD-C Compact is literally an extreme lighting tool: extremely robust, extremely flexible and extremely bright, it is enormously versatile and, above all, can be used quickly.

Thanks to its compact dimensions, it is particularly easy to stow away in the vehicle.

The extremely robust housing made of an aluminium-nylon composite not only reliably protects the powerful inner workings, but also ensures an extremely low weight thanks to intelligent lightweight construction. In addition, the light is delivered in a sturdy transport bag that offers additional protection. This makes assembly and disassembly quick, easy and safe.



Mounting adapter



Plug connection



Carrying bag



easy to carry

Setolite operation site floodlight Aldebaran 360° FLEX LED 600 Compact 2.0 Set

The consistent further development of the successful Aldebaran 360° Flex LED 600 Compact focuses on high flexibility and efficient use of ultra-bright LED light. The possibility of being able to choose between 360° all-round light and downward-facing ambient lighting that is almost infinitely variable opens up an immensely wide range of applications. Whether on construction sites, during rescue operations or at events. Using light effectively is the strong point of the 360° Flex LED 600 Compact 2.0.

The system is ready for use within a few minutes. Thanks to IP54, it can also be used both indoors and outdoors. The integrated intelligent control allows you to choose between half (180) and full (360) lighting and dimmed output. In addition to the standard pin, the lamp also has a ring so that it can be hung up. This set will be delivered in a sturdy transport box!

Features:

- version 2.0 with 90,000 lumen maximum output
- continuous brightness control by dimming knob
- compact transport in transport box (included in delivery)
- adapter for pin DIN 14640

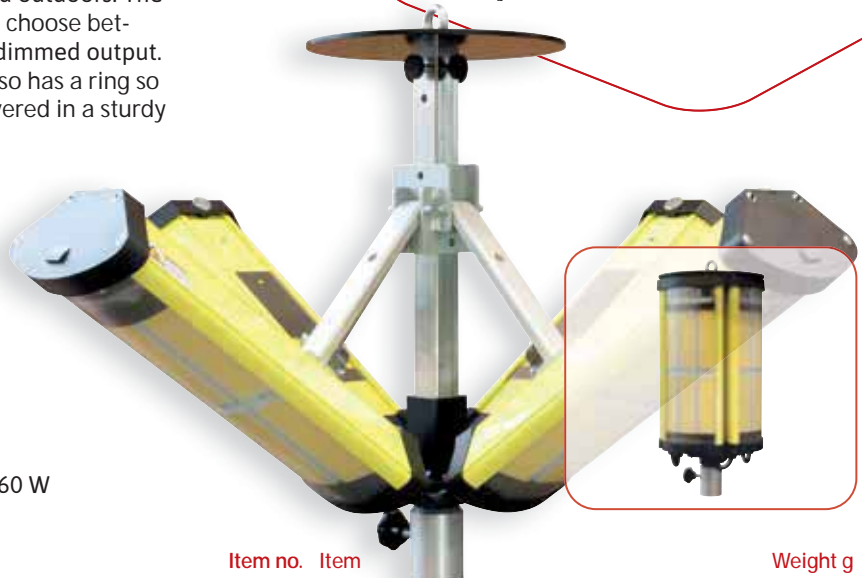
Technical data:

Power:	640 W
Light source:	4 x LED module á 160 W
Voltage:	240 V
Light output:	90.000 lm
Degree of protection:	IP54
Colour of light:	5.000 K
LED lifetime:	50.000 h
Temperature range:	-30 to +40 °C
CRI:	>80
Dimensions L x Ø:	537 x 235 mm



Features for LED 600 & 960 Compacts:

- more than 10 times lifetime and only 20% of energy consumption
- all-round light function - 180° individually on request switched on/off
- suitable for mounting on tripod, as well as for suspension by integrated suspension ring
- variable angle of the modules, thus individual lighting of the area
- shock- and vibration-resistant LED bulbs
- no delay for start or cooling down-ready for immediate use!



Item no.	Item	Weight g
200893	Setolite operation site floodlight Aldebaran 360° FLEX LED 600 Compact 2.0 Set	15.000
221384	transport box for Aldebaran 360° Flex, for LED 600 Compact	11.000
201334	telescopic tripod with air suspension	13.500
221315	telescopic stainless steel tripod with air suspension	15.400



Setolite Power LED operation site floodlight

This high-performance luminaire represents the latest in mobile LED technology. It is robust, virtually maintenance-free and easy to handle.

The head of the luminaire consists of 30 highly efficient LEDs, which provide the user with a radiantly bright light and are ideal for illuminating workplaces. The fully focusable three-stage optics make this luminaire a versatile and reliable companion. The SETO POWER LED is characterized by an impact-resistant polymer housing and inner steel parts in such combination that guarantees a high level of safety for the entire device.

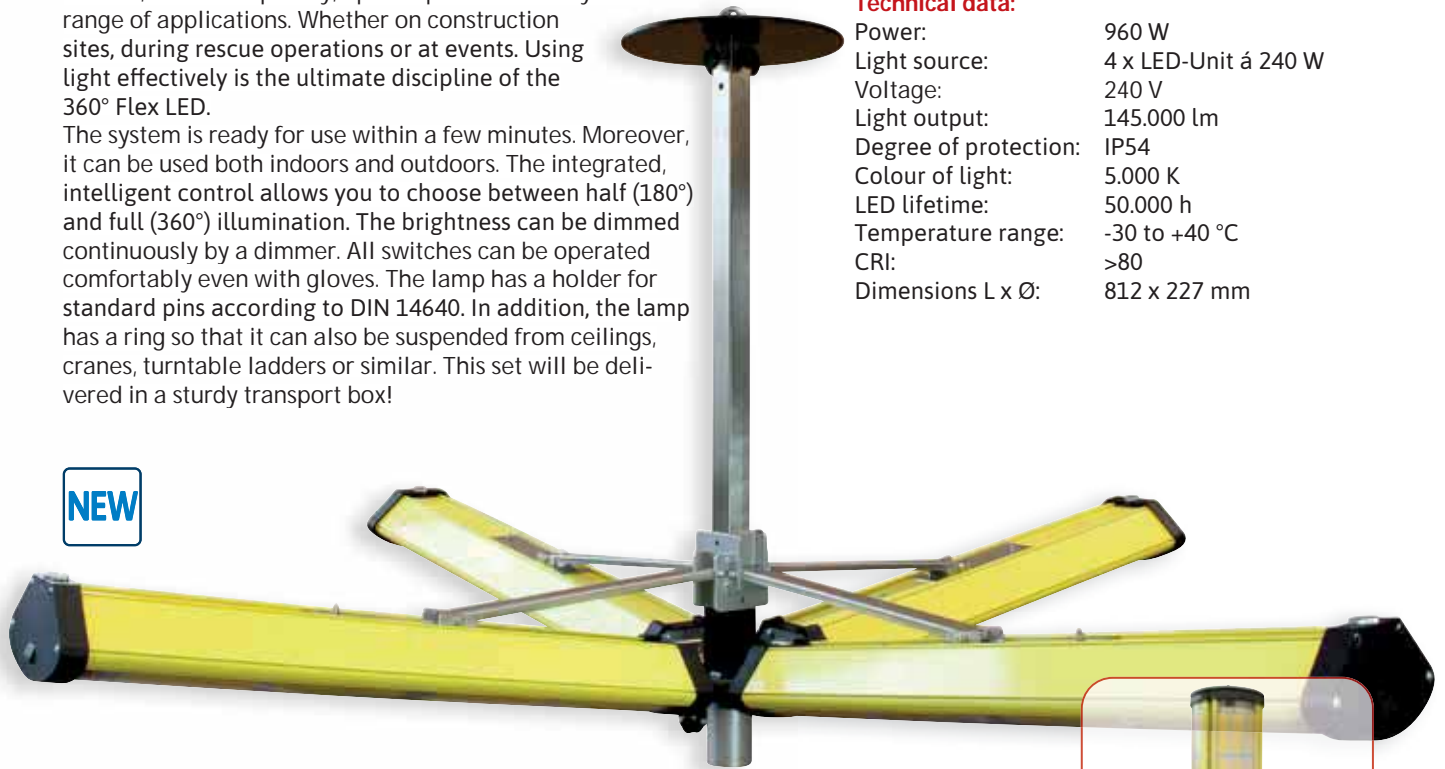
The four "Quicklock" extension rods allow the lamp head to be raised from 820 mm to 1800 mm. These uniquely designed, interlocking rods allow for a very simple yet stable system that can be extended quickly and whose parts can be stowed in a special holder on the unit itself.

Setolite operation site floodlight Aldebaran 360° FLEX-C LED 960 - 2.0 Set

The consistent ongoing development of the successful Aldebaran 360° focuses on high flexibility and efficient use of the ultra-bright LED light. The possibility to choose between 360° all-round light and ambient lighting directed to the bottom, almost steplessly, opens up an immensely wide range of applications. Whether on construction sites, during rescue operations or at events. Using light effectively is the ultimate discipline of the 360° Flex LED.

The system is ready for use within a few minutes. Moreover, it can be used both indoors and outdoors. The integrated, intelligent control allows you to choose between half (180°) and full (360°) illumination. The brightness can be dimmed continuously by a dimmer. All switches can be operated comfortably even with gloves. The lamp has a holder for standard pins according to DIN 14640. In addition, the lamp has a ring so that it can also be suspended from ceilings, cranes, turntable ladders or similar. This set will be delivered in a sturdy transport box!

NEW



Features:

- up to 145,000 lumens light output
- infinitely variable brightness control by dimmer rotary switch
- compact transport in transport box (included in delivery)
- adapter for pins acc. to DIN 14640

Technical data:

Power:	960 W
Light source:	4 x LED-Unit á 240 W
Voltage:	240 V
Light output:	145.000 lm
Degree of protection:	IP54
Colour of light:	5.000 K
LED lifetime:	50.000 h
Temperature range:	-30 to +40 °C
CRI:	>80
Dimensions L x Ø:	812 x 227 mm

Item no.	Item	Weight g
201694	Setolite operation site floodlight Aldebaran 360° FLEX-C LED 960 - 2.0 Set	20.000
201334	telescopic tripod with air suspension	13.500
221315	telescopic stainless steel tripod with air suspension	15.400



In addition, the SETO POWER LED offers a pair of fold-out legs that make the light unit into an effective tripod system and provide additional stability without the need for additional equipment.

Features:

- fully focusable 3-stage optics
- integrated diffusing lens in the lamp head
- different brightness levels
- powerful battery
- maximum height 1.80 m



Technical data:

Light duration:	33 h at 1,000 lm, 8 h at 4,000 lm
Light source:	30 High Power LEDs
Light output:	4.000 lm
Charging time:	approx. 9 h
Degree of protection:	IP54
Battery type:	Lead-gel

Scope of delivery:

- 1 pcs. Seto Power LED
- 1 pcs. rechargeable battery
- 1 pcs. mains charger
- 4 pcs. quicklock bar

Item no.	Packing size mm	Weight g
201026	390 x 195 x 255	11.800



Dönges tripod DIN 14683

Lightweight tripod for one spotlight with mounting adapter according to DIN 14640. The tripod can be quickly and easily adapted to uneven ground by means of the three extendable legs. The moulded feet ensure a secure stand.

The steel tubes are galvanised or painted in yellow warning colour RAL 1012. The tripod can be tied down with a permanent tensioning strap when folded.

Features:

- DIN 14640 standard pin for floodlight or mounting bar
- feet individually extendable for height compensation
- according to new DIN 14683
- compact size and low weight
- high stability

Technical data:

Maximum height: 1,80 m
 Length collapsed: 1,15 m
 Capacity: 13 kg
 Standard: DIN 14683
 Packing size: 1,150 x 100 x 100 mm



Item no.	Weight g
221316	4.301



Dönges Telescopic stainless steel tripod with air-suspension acc. to DIN 14682

Stainless steel does not corrode. Normal, galvanized telescopic tubes cannot be pulled out easily after a short time if they are not cleaned properly. This cannot happen with our stainless steel tripod - not even after many years. In addition, we have provided the mechanism of the tripod with an air-suspension. This means that the tripod retracts gently after loosening the thumb screws, even if a headlamp container with two headlamps is mounted. The danger of damage or even injuries when retracting the tripod is thus eliminated.

The tripod can be additionally secured with the bracing set included in the scope of delivery to further increase stability.

Features:

- according to DIN 14682
- material stainless steel - never rust again
- air-cushioned for safe and comfortable operation
- standard pins according to DIN 14640 to mount headlights, bridges, etc.
- adjustable feet to compensate uneven floors
- fits into all common vehicle mounts

Technical data:

Maximum height: 4,75 m
 Packing size L x W x H: 1.120 x 200 x 200 mm
 Capacity: 25 kg

Item no.	Item	Weight g
221315	Dönges telescopic tripod acc. to DIN 14682	15.400
221301	anchoring set for tripods	1.144
221355	transport bag for tripods	0

Dönges Telescopic tripod with air-suspension acc. to DIN 14682

The Dönges telescopic tripod with air-suspension reaches a height of over 4.75 m when extended, is extremely stable and, thanks to the supplied and easy-to-use bracing set, absolutely stable even at this height. Thanks to the high-quality manufacturing, a long service life is ensured. Thanks to the integrated air-suspension, the emergency personnel and also the equipment are particularly protected. An uncontrolled falling of the poles is effectively prevented. The tripod fits into the standard mounting of most fire-rucks. The individually extendable feet easily compensate for uneven ground. All locking mechanisms are easily and safely operated by means of large wing screws, even when wearing gloves. The tubes are clamped using a large-area pressure mechanism which prevents deformation of the individual telescopic tubes. The steel tubes are galvanised or orange painted. The stand can be tied down by means of a captive tensioning strap when folded. A centring piece holds the legs securely together. The tripod can be additionally secured with the bracing set included in the scope of delivery to further increase stability.

Features:

- according to DIN 14682
- DIN 14640 standard pin for floodlight or mounting bar
- feet individually extendable for height compensation
- centering stop for close fitting legs when folded.
- special clamping system to fix the tubes

Technical data:

Maximum height: 4,75 m
Packing size L x W x H: 1.120 x 200 x 200 mm
Capacity: 25 kg



Item no.	Version	Weight g
201334	Dönges telescopic tripod with air suspension	13.500
221301	anchoring set for tripods	1.144
221355	transport bag for tripods	0



Dönges fire brigade cable reel 230 V, 16 A, Schuko DIN 14680

Our EN 61316-compliant reels are small and compact, and therefore fit in any existing vehicle apertures. The extremely sturdy double tube frame (22 mm Ø) is silver coated. Both reels are approved in accordance with all of the usual vehicle loading standards (LF/HLF 10/6, LF/HLF 20/16, equipment vehicle and TSF-W).

Features:

- easy to carry using ergonomic handles and perfectly balanced frame
- tubes that lead to the handle are routed so closely to the reel that the cable can not slip behind them and become tangled
- special design of the extremely sturdy frame prevents the cable from slipping behind the reel
- reel is prevented from uncoiling (i.e.braked) via a large star grip and the maintenance-free, internal brake
- pressed-in steel tube axle with central brake provides excellently smooth running
- thermal overload protection

Technical data:

Input:	1 x waterproof (IP68) Schuko plug
Output:	3 x waterproof (IP68) Schuko® grounding type receptacles
Capacity:	16 A
Cable:	H07RN-F3G2.5
Degree of protection:	IP54
Standard:	DIN 14680, EN 61316



Item no.	Cable length m	Connection	Measurements W x H x D mm	Weight g
221322	50	CEE 5-pole, Schuko	350 x 430 x 295	20.500
200229	spare cover for Schuko socket bronze-green			96
200235	spare cover for CEE 5-pin socket 400 V, 16 A			50

Dönges fire brigade cable reel 230 V, 16 A according to OEBFV

The high-quality and robust cable reels from Dönges are specially tailored to the needs of our customers in Austria. The quality plug connections from Mennekes with protection class IP44, the special rubber cable with 2.5 mm² cross-section per cable and the stable basic body make this cable reel so interesting for the fire brigade and guarantee a long service life.

The frame consists of a Ø22 mm steel tube, welded and silver coated. The plastic drum body is permanently pressed on and has excellent smooth running properties. The ergonomic carrying handle, the drum brake and the proven cable routing optimise handling during operation.

Features:

- easy to carry using ergonomic handles and perfectly balanced frame
- tubes that lead to the handle are routed so closely to the reel that the cable can not slip behind them and become tangled
- reel brake on the rear side
- axis with best smooth running properties

Technical data:

Input:	1 x plug Schuko IP44
Output:	3 x coupling Schuko IP44
Capacity:	16 A
Cable:	H07RN-F3G2.5
Degree of protection:	IP54
Standard:	ÖBFV



Best-Nr.	Cable length m	Connection	Measurements W x H x D mm	Gewicht g
201136	30	Schuko	285 x 385 x 224	8.450
201137	30	CEE 5-pole, Schuko	285 x 385 x 244	11.550

Dönges fire brigade cable reel with reflective cable RFX 230 V, 16 A

The retroreflective cables from Dönges set standards in terms of safety at the point of use. Particularly in difficult lighting conditions, the power supply at the point of use quickly becomes a tripping hazard. The Dönges Reflex cables maximize the visibility of the cable. The neon yellow, retroreflective line immediately catches the eye. The reflective material is sheathed in transparent PUR so that the cable is easy to clean and the reflective performance is permanently maintained even in harsh environments.

The special cable is oil-resistant and exceeds the requirements of H07RN-F cables in terms of mechanical strength and abrasion resistance.

Our cable reels according to EN 61316 are small and compact and therefore fit into all existing vehicle drawer units. The extremely solid double tube frame (22 mm Ø) is silver-coated.

The drums comply with the requirements of all current vehicle loading standards (LF/HLF 10/6, LF/HLF 20/16, rescue vehicles and TSF-W).



Features:

- neon yellow reflective cable for best visibility
- easy to carry using ergonomic handles and perfectly balanced frame
- tubes that lead to the handle are routed so closely to the reel that the cable can not slip behind them and become tangled
- special design of the extremely sturdy frame prevents the cable from slipping behind the reel
- reel is prevented from uncoiling (i.e.braked) via a large star grip and the maintenance-free, internal brake
- pressed-in steel tube axle with central brake provides excellently smooth running

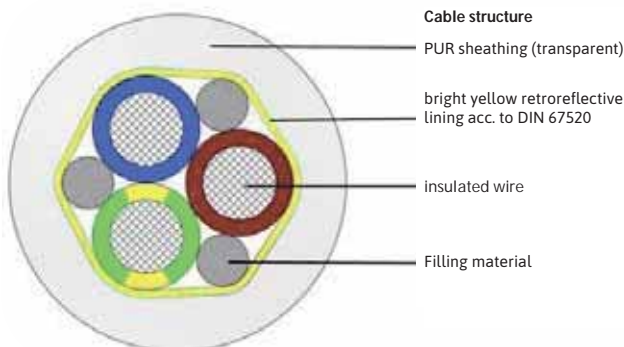


made in Germany



Technical data:

Input: 1 x waterproof (IP68) Schuko plug
 Output: 3 x coupling Schuko IP44
 Capacity: 16 A
 Cable: LiYF11Y-3G2.5
 Degree of protection: IP54
 Standard: DIN 14680, EN 61316



Item no.	Cable length m	Connection	Measurements W x H x D mm	Weight g
201108	50	Schuko	315 x 370 x 290	15.800
200965	50	CEE 5-pole, Schuko	315 x 370 x 290	20.500
200229	spare cover for Schuko socket bronze-green			96
200231	replacement hood with bayonet ring and cap connection, bronze green			96



Dönges foldable traffic cone

The original from Dönges. Foldable traffic cone with integrated lighting.

With their dimensions and significantly higher weights, the Pro versions are predestined for use by fire brigades and disaster control units on busy roads or motorways. The heavy solid rubber base provides increased stability and durability.

The Pro versions are also available in partially and fully reflective versions. Together with the integrated LED lighting, which can be switched to continuous and flashing light, these folding traffic cones are the ideal complement to warn of danger and emergency locations.

Features:

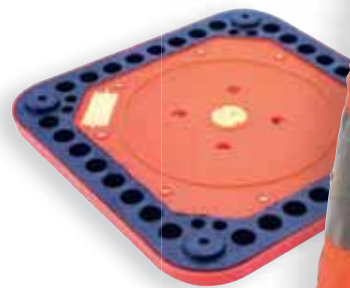
- ideal for car breakdowns and for marking cordoned-off areas and danger areas
- visible from all directions (360°)
- simple to use
- compact and easy to stow away, fits in any boot and beneath car seats
- greater stability because of moulded rubber base
- more stable because of heavier weight
- with integrated, powerful flashing lights for better visibility in the dark or in diffused light
- flashing facility, water spray protected
- battery service life more than 300 hours (2 x AAA)

Scope of delivery:

1 pcs. foldable traffic cone

1 pcs. PVC carry bag

2 pcs. AAA-battery



Item no. 218145, height 500 mm, partially reflective



Item no.	Height mm	Version	Packing size L x W x H cm	Weight g
218145	500	pro version, partially reflective	28 x 28 x 6	1.800
218146	500	pro version, fully reflective	28 x 28 x 6	1.800
218150	750	pro version, partially reflective	39 x 39 x 6	3.200
218151	750	pro version, fully reflective	39 x 39 x 6	3.200
241002		alkaline battery, AAA/Micro, 1,5 V		10

Dönges foldable guiding board

The folding direction board is an extremely useful addition to the usual warning materials during operations. It is ideal for cordoning off vehicles that have been involved in accidents and dangerous areas. The extremely sturdy mat made from tarpaulin material has eight suspension eyes and eight powerful magnets at the edge. It is therefore easy to secure in almost any location and on many different surfaces. The four columns consist of retro-reflective film and each have nine integrated LED's which are extremely bright. The LED's in the waterproof casing are powered by 4 x AA 1.5 V batteries. One set of batteries is adequate for 50 hours of operation. Once the LED's have been switched on, the columns illuminate in sequence and therefore lead away from the obstruction. This effect is visible from a long way off and provides additional safety at the operation site, not just during the hours of darkness.

Features:

- operating modes sequential, flashing and continuous
- surface material PVC
- reflection class I
- waterspray-protected switch
- eight suspension eyes and eight powerful magnets to secure it in almost any location and on many different surfaces
- delivered in a sturdy transport bag
- batteries 4 x AA not included in scope of delivery

Item no.	Dimensions L x W mm	Weight g
218158	820 x 440	1.125
241006	Alkaline battery, AA/Mignon, 1,5 V	23





with luminescent side stripe

Dönges LED signal lamp set SyncFlare

The new Dönges SyncFlare signal-lamp set is quick and easy to use. The individual lights activate and synchronize automatically as soon as they are removed from the magnetic holder of the transport box. Perfect for all situations that require a quick reaction.

The 360° LEDs are arranged all around and are visible from a very long distance. In addition, four LEDs radiate upwards to increase visibility even more.

Thanks to the robust and waterproof (IP68) housing made of impact-resistant plastic, the flares are almost indestructible and can even be rolled over by vehicles weighing 3 tons.

Choose from 6 different chaser modes and three different colors: red, blue and yellow.

The set contains 6 lights, a transport and charging box and a charger for 230 V and 12 V connection.

Features:

- excellent visibility through 8 + 4 colour RGB LEDs
- six different, synchronizable chaser functions
- with magnet for quick and secure fixing
- shock-resistant and waterproof (IP68) due to all-round rubber coating
- up to 48 hours operating time, depending on modes
- rechargeable including 12 V/230 V charging device
- automatic activation and synchronisation upon extraction
- colour change at the touch of a button: red, blue, or yellow
- Display of the battery charge level possible
- not permitted for use in on-road traffic

Technical data:

Measurement H x Ø:	39 x 118 mm
Operating temperature:	-20 °C to +57 °C
Degree of protection:	IP67
Dimensions of the case:	355 x 275 x 105 mm
Number of LEDs:	8 + 4
Light output:	5,2 W
Temperature range:	-40 bis +60 °C
Voltage / Capacity:	3,7 V/3.000 mAh

Scope of delivery:

- 6 pcs. signal lamps, battery version
- 1 pcs. plastic case with charging function
- 1 pcs. charger 12/230V

Item no.	Housing colour	Packing size L x W x H mm	Colour of light	Weight g
218850	orange	275 x 375 x 115	changeable red/blue/yellow	3.200



Dönges Foldable signal

The high quality foldable signals have an excellent price-performance ratio. All versions have a sturdy frame made from galvanised steel with a spring-mechanism. As well as an eyelet for an additional weight, a standard pin to take in a blinking light and a carrying handle at the top. Both versions can be supplied with two different standard prints. Optionally, we can offer separately an adapter to mount the foldable signals onto a tripod. Delivered in a sturdy transport bag.

Features:

- sturdy, durable material
- resistant to dirt
- weather-resistant print in black/red
- high stability due to high weight

Order no.	Height mm	Version	Imprint	Weight g
218100	700	neon colour	3 x fire brigade	3.301
218104	700	neon colour	fire brigade, accident, oil accident	3.300
218102	900	neon colour	3 x fire brigade	4.300
218106	900	neon colour	fire brigade, accident, oil accident	4.300
218108	700	retroreflective	3 x fire brigade	3.300
218110	700	retroreflective	fire brigade, accident, oil accident	3.300
218112	900	retroreflective	3 x fire brigade	4.300
218114	900	retroreflective	fire brigade, accident, oil accident	4.300
218120	adapter for standard pins, 30 mm			400

Dönges identification vest

The Dönges identification vest is truly a functional vest. Thanks to many detailed solutions, the vest offers much more than the actual task of marking the function of its user.

For a lot of equipment:

There is plenty of space for equipment in the generous pockets. Whether writing pad, radio, lamp, knife or mobile phone - everything can be conveniently stowed away here. Many loops to secure the equipment and attach a headset. Adjustment:

Thanks to hook and loop adjustment on the side, the width of the vest can be adjusted. So, it always fits perfectly which reduces the risk to get caught unintentionally.

Name and function labels can be attached to the fleece areas on the chest and back.

Any accessories in the product photos are for illustration purposes only and are not included in the scope of delivery. The vest is supplied without accessories.

Features:

- universal size, width adjustable via hook and loop on the sides
- fleece areas on the left and right chest each 13 x 5 cm
- double fleece surface on the back for attaching two hook and loop labels (each 38 x 8 cm)
- reflective stripes yellow-silver-yellow for better visibility
- two patch pockets at the front side, 15 x 16 x 3 cm (H x W x D), hook and loop closure
- two breast pockets for equipment, 20 x 9 x 6 cm (H x W x D), hook and loop closure
- inside breast pockets can be reduced via hook and loop, additional strap and D-ring to secure the equipment
- straps for headset in the shoulder area

Technical data:

Material: 100% cotton

Size: S-XXL (universal size)

Scope of delivery:

1 pcs. Identification vest (without contents/accessories)



Item no.	Colour	Weight g
201337	blue	480
201336	yellow	480
201338	green	480
201339	purple	480
201340	red	480
201341	black-and-white checkered	480
201342	white	480
250009	transportation bag, 41 x 36 cm	220



Dönges stretcher DIN 13024

Stretcher DIN 13024 in two different versions: single or double folding. Upholstered with sturdy synthetic fibre-fabric to make cleaning and disinfecting easy. Ideal for decontamination institutions.

Features:

- frame made from light metal
- lockable cross hinges
- retractable handles
- chest- and foot strap with quick lock
- four slide feet

Technical data:

Standard: DIN 13024
Capacity: 150 kg

Item no.	Version	Measurements folded up mm	Weight g
253504	N (singular folding)	1.920 x 150 x 145	8.000
253502	K (double folding)	1.040 x 180 x 145	9.700
253508	carry bag for stretcher K		500
253506	carry bag for stretcher N		800
251030	infusion tripod		832



Picture looks similar!

Dönges disposable carrying sling EN 1865

The disposable rescue sling (rescue cloth/carrying sling) is an important aid during emergencies. The stable woven tarpaulin is also reinforced with straps in order to maximise the load-bearing capacity of the sling. This sling is EN 1865 certified and therefore also approved for rescuing and recovering patients. Simple wraps must not be used as carrying aids.

Features:

- double stitched edges
- cost-efficient
- compact
- transparent to X-rays

Technical data:

Capacity: 150 kg
Standard: EN 1865

Item no.	Material	Colour	Measurements cm	Weight g
253505	reinforced tarpaulin material	white	185 x 57	740



Dönges first aid-kit DIN 14142 in FireBox

First aid materials in accordance with DIN 14142:2005- 07 in Dönges Firebox made by Zarges in accordance with DIN 14880-4-LM (400 x 300 x 150 mm) with partitioning and ~Verbandkasten K DIN 14142~ lettering with individual description on request.



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in
Germany



Item no.	Dimensions L x W x H mm	Weight g
218500	400 x 300 x 150	5.356
214035	FireBox, first-aid kit DIN 14142-K, 400 x 300 x 150 mm	3.600
218505	contents for fire brigade first-aid kit DIN 14142:2018-09	2.142



Features:

- very robust material
- extremely sturdy workmanship
- ergonomic design
- clearly visible thanks to reflectors

Scope of delivery:

- 1 pcs. Dönges SEG backpack
- 1 pcs. inner blue bag 18 x 23 x 8 cm
- 1 pcs. inner green bag 18 x 23 x 8 cm
- 1 pcs. inner red bag 15 x 15 x 8 cm
- 1 pcs. inner yellow bag 15 x 15 x 8 cm
- 1 pcs. contents according to DIN 14142

Item no.	Material	Dimensions L x W x H mm	Gewicht g
201480	backpack tarpaulin material	190 x 360 x 420	3.665
201426	module bag, blue	180 x 230 x 80	110
201427	module bag, green	180 x 230 x 80	110
201428	module bag, yellow	150 x 150 x 80	90
201429	module bag, red	150 x 150 x 80	90
218505	contents for fire brigade first aid kit DIN 14142:2018-09		2.142

Dönges emergency backpack SEG with contents according to DIN 14142

The contents of the fire brigade first aid kit according to DIN 14142-K stowed in the Dönges SEG backpack. Ideal if only little space is available. Inner pockets of various sizes can be fastened in the backpack body (four inner pockets are included in the delivery!). There is space in the lid for documentation and small material. There is even an ampoule compartment for up to 12 ampoules. On the outside at the front, there is a hook and loop strip for attaching a reflective sign with individual print. The backpack is made of extremely robust and wipeable tarpaulin material. Ergonomically shaped and manufactured with great attention to detail, it is the ideal companion for the firefighter and for ambulance services.



Dönges fire brigade vacuum cleaner Hero FPS

This modern professional vacuum cleaner with integrated pump is especially designed for fire brigades and civil defense units and is suitable for continuous operation in case of floods. Contaminated waste water, sludge, stones, and other non-flammable solids and suspended matter can be efficiently vacuumed and pumped out at the same time. The focus is clearly on maximum safety and performance. The Hero has an IP68 plug, a PRCD personal protection switch and an IP54 socket as standard.

The impact-resistant and compact plastic container enables optimum mobility with a low total weight of only 19 kg. Further standard equipment such as the separately switchable pump, solid rubberized wheels with practical parking brakes and the fire brigade compliant Storz clutch guarantee a reliable partner at your side.

Features:

- accessories can be stowed conveniently on the suction cup
- Storz C-coupling for the pump hose
- large wheels with parking brake for high mobility
- overrun protection
- robust and impact-resistant plastic
- integrated personal protection switch
- completely drainable via drain hose
- numerous reflective strips for more safety

Item no.	Measurements W x H x D cm	Weight g
218650	44 x 77 x 50	19.000
200878	crevice nozzle, 24 cm	80
200879	stainless steel suction pipe single, 50 cm	230
200880	metal floor nozzle, 45 cm	1.800
200883	filter net with zipper	150
200882	waste water hose, 10 m	1.900
281672	stackable transport boxes, 600 x 400 x 320 mm, 551 x 352 x 305 mm, red	2.540
281679	sealing cover for stackable transport boxes, 600 x 400 mm, sealing cover	670

Scope of delivery:

- 1 pcs. vacuum cleaner Hero FPS
- 2 pcs. stainless steel suction pipe, 50 cm
- 1 pcs. metal floor nozzle, 45 cm
- 1 pcs. joint nozzle
- 1 pcs. filter net
- 1 pcs. suction hose, 7 m
- 1 pcs. waste water hose, 10 m



Technical data:

- Input power: 2.200 W
- Suction capacity: 150 l/min
- Pumping capacity: 230 l/min
- Volume flow: max. 50 l/s
- Negative pressure: max. 230 mbar
- Cable type: 10 m H07RN-F3x1.5 with Schuko plug IP68
- Container volume: max. 45 l gross
- Suction height max.: in full suction mode max. 2.3 m, snore mode max. 5-8 m
- Delivery height: from suction cup max. 9 m
- Delivery width: max. 50 m
- Height with handle: 93 cm
- Grain duct: 34 mm



Dönges emergency pump-set

Time and time again, fuel or other hazardous substances have to be pumped out or pumped into another container during operations to protect the emergency services or the environment. This can be done using this compressed air double diaphragm pump, which is safely stowed away in the Dönges Firebox together with all of the necessary accessories.

The pump is safely and reliably operated using a 200 or 300 bar breathing air cylinder, a compressor or the vehicle compressed air connection. With a capacity of 25 l/min., this pump is sufficient for the majority of operations.

Features:

- compressed air double diaphragm pump made from die-cast aluminium
- extremely robust, yet still extremely light
- flexible range of uses
- conditionally alkali and acid resistant
- 200 - 300 l pumping capacity with one breathing air cylinder
- ready to use in a Dönges Firebox Size 3



Scope of delivery:

- 1 pcs. compressed air double diaphragm pump
- 1 pcs. compressed air hose 1/2 inch, 2 m long
- 1 pcs. car suction hose, 10 mm, 1.5 m long
- 1 pcs. suction hose 3/2 inch, 2 m long, with filter
- 2 pcs. earthing cables with cable shoe and contact clamp, 2 m long
- 7 meter spiral compressed air hose
- 1 pcs. pressure reducer 300 bar
- 1 pcs. adapter for lorry pressurized air connection
- 1 pcs. Dönges Firebox made by Zarges size 3



Item no.	Dimensions L x W x H mm	Weight g
221380	600 x 400 x 150	12.880
221381	double diaphragm pump	2.600
214015	FireBox made by Zarges, 600 x 400 x 150 mm	5.100
217800	pressure reducer 200/300 bar	600



Stay independent: The batteries in the new EX150Li can be changed in seconds. In comparison with another fans, you have the possibility to keep spare batteries in stock and thus remain permanently in battery mode. Mains operation is still possible. When switched off, the batteries in the device are charged. The complete system is protected against strong water jets (IP66) - indispensable for indoor use.

Incredibly reliable, incredibly powerful.

The unique, AMCA certified battery fan features the latest technology and the most powerful 52V batteries on the market



Ramfan battery Fan EX150Li all Terrain Edition

Stay independent: The batteries in the new EX150Li can be changed in seconds. In comparison with another fans, you have the possibility to keep spare batteries in stock and thus remain permanently in battery mode. Mains operation is still possible. When switched off, the batteries in the device are charged. The complete system is protected against strong water jets (IP66) - indispensable for indoor use. Incredibly reliable, incredibly powerful. The unique, AMCA certified battery fan features the latest technology and the most powerful 52V batteries on the market

Intellisense E3

Latest high-performance hardware with advanced charging algorithm and chip-controlled power regulation. For safe operation and a long service life of all components under all operating conditions

Battery Management System (BMS)

An intelligent technology that manages and optimizes the battery. Balancing at cell level and the evaluation of more than 20 sensors for a wide range of parameters protect your system, ensure reliable operation and a long service life.

Euramco motor production

Brushless direct current motors (BLDC). Maximum efficiency, high torque, low weight, compact design. No compromises, Euramco does not adapt the motors to your needs, they are designed for you from the ground up!

52 V/8 Ah power supply system

Microchip controlled cell level monitoring, digital temperature sensors. 768 Wh energy, that is the world's most powerful battery pack for firefighters.

TruckFit

Thanks to its compact dimensions, the fan can usually be stowed away in the compartments of previous electric or petrol fans without the need for conversion measures.

FlowPath Control

Axial flow straighteners with fins remove unwanted ~spin~ from the air flow. For higher speed, range and more effectively usable volume.

Features:

- all Terrain Edition with sturdy widetrack wheels
- unlimited runtime thanks to exchangeable battery
- battery can be changed during operation (hot-swap)
- dust-tight and protected against strong water jets (IP66)
- integrated LED working light with 500 lm total output
- operation via battery or 230 V AC possible
- brushless high performance motor
- equipped with second-generation Powerstream
- can also be operated with only one battery
- optionally also available with water nebuliser
- removable power cord

Technical data:

Rotor Ø:	46 cm
Motor:	1.400 W
Air output according to AMCA:	21.029 m³/h
Air output according to injector principle:	37.800 m³/h
Connection:	230 V
Inclination angle:	0-35°
Rechargeable battery:	2 x 52 V, 8 Ah Li-ion (exchangeable)
Runtime at full load:	45 min
Light output:	500 lm
Degree of protection:	IP66
Charging time:	<240 min

Scope of delivery:

- 1 pcs. Battery Fan Ramfan EX150Li All Terrain Edition
- 1 pcs. mains cable with IP68 plug
- 2 pcs. Battery 8 Ah, 52 V
- 1 pcs. mobility package

Best.-Nr.	Measurements mm	Weight without batteries g	Weight (including rechargeable battery) g	Gewicht g
267322	580 x 530 x 480	26.000	32.000	
267120	door frame suspension set for EX50Li			3.600
201377	duct for fan, Ø 46 cm, length 5 m, standard			8.600
201407	duct for fan, Ø 46 cm, length 10 m, standard			15.000
267223	spare battery for Ramfan battery fan, EX150Li, 52 V, 8 Ah			3.380
201753	water-fogger function for battery-fans EX50Li and EX150Li			2.100

Dönges fog extinguishing system FOG-X

The new FOG-X fog extinguishing system offers a number of major advantages over conventional systems. The principle of extinguishing with fine water mist is well-known and has been successfully applied and trained in practice for many years. The fine atomisation of the extinguishing water results in very fine water droplets in the discharge cone. This creates a very large surface area. The finest droplets can thus absorb an enormous amount of heat energy from the combustion chamber in a short period of time.

Parallel to the cooling effect, a cooling of adjacent flammable surfaces is achieved at the same time. This minimizes the risk of the formation of flammable and highly toxic gases. This effect can also be used for self-protection or to prevent the spread of fire. The fog wall is excellently suited for sealing off radiant heat. This prevents the spread of fire in rooms, shafts, ventilation systems, false ceilings, silos, etc.

In addition to the cooling effect, a smothering effect occurs with the FOG-X extinguishing lances due to the abrupt evaporation of the fine spray mist. One litre of water evaporates to approx. 1,700 litres of water vapour. The

sudden amount of water vapour displaces the oxygen in the combustion chamber, which is referred to as smothering in the theory of fire. The oxygen demand of a fire permanently extracts oxygen from the air in the fire chamber. The persistent cooling effect of the fine spray mist then causes the fire to extinguish.

The decisive difference between the FOG-X fog extinguishing system and conventional systems is that the various modules such as extinguishing lances, extensions and retractors can be combined in almost any combination, depending on the application. Various scenarios such as room fires, roof truss fires, silo fires, wood chip storage fires, forest fires (soil humidification) can be combated very quickly and with little water input. The FOG-X extinguishing lances require only small amounts of water. Depending on the version and operating pressure, the water consumption is between 60-80 l/min.

The set is supplied in a practical FireBox, the individual components can be stored in the precisely fitting foam insert, clearly arranged and always ready to hand. The foam also offers space to store additional reflectors.



Features:

- individually combinable thanks to screw connections between all components
- extra massive, 34 mm shaft diameter
- lance completely made of stainless steel
- each lance is equipped with a Storz-C coupling and a shut-off valve
- tool-free assembly of the components

Scope of delivery:

Set Basic:

- 3 pcs. FOG-X extinguishing lances
- 1 pcs. FOG-X Retractor 60°
- 1 pcs. FOG-X Retractor 80°
- 1 pcs. FOG-X Retractor 100°
- 1 pcs. Dönges FireBox size 3

Set Extension

- 2 pcs. FOG-X extinguishing lances
- 1 pcs. FOG-X Retractor 60°
- 1 pcs. FOG-X Retractor 100°
- 1 pcs. FOG-X extension
- 1 pcs. Dönges FireBox size 3

Item no.	Version	Dimensions L x W x H mm	Weight g
200819	set Basic	600 x 400 x 210	15.500
200825	set Extension	600 x 400 x 210	15.150
200813	extinguishing lance for FOG-X, Storz-C, 482 mm, without retractor		2.200
200814	Retractor for FOG-X, Emission angle 60 degrees		227

Item no.	Version	Dimensions L x W x H mm	Weight g
200815	Retractor for FOG-X, Emission angle 80 degrees		220
200816	Retractor for FOG-X, Emission angle 100 degrees		201
200817	FOG-X extension for extinguishing lance, 546 mm		1.350
200818	special hammer for FOG-X to make opening access holes		1.760
214005	FireBox made by Zarges, 600 x 400 x 220 mm		5.400



Dönges rubber hose bridge

Safety hose bridge with interlocking connecting parts that also serve as handles. Can be easily adapted to uneven surfaces. With reflective stripes.

Features:

- made from black rubber
- reflective strips on sides
- tested with loads of up to 40 t
- can be adapted to uneven surfaces

Item no.	Type	for hoses	Dimensions L x W mm	Weight g
211711	B	2 x B, C or D	860 x 300	10.500
211712	A	2 x A,B, C or D	1.000 x 300	17.800



Dönges practice doll Crash Kevin

Particularly heavy-duty training doll with many practical functions. Many customer requests and practical details have been implemented in the new training doll in order to improve the durability and application possibilities of the puppet.

A very robust nylon material is used, which is even stitched with double layers at the ends of the arms and legs to further increase durability. Loops have been sewn onto the legs to attach shoes, so the doll's material is better protected when dragged across the floor.

The head of the dummy is a separate compartment with its own zipper. For exercises with the thermal imaging camera, for example, a hot water bottle can be well positioned. Fluffy surfaces and the clear pocket on the chest allow easy identification.

The doll can be filled with various materials (max. 50 kg).

Features:

- sturdy material for the toughest applications
- parts inside for better distribution of the filling materials
- transparent pocket in chest area
- self-filling, therefore allowing weight to be varied and making the dummy easier to store and transport
- head with separate compartment and zipper (e.g. for hot-water bottle)
- arm and leg ends double stitched
- loops for belts and shoes
- hook and loop area on chest and back



Item no. 220860
Delivery without filling

Item no. 220850
Delivery without filling

Item no.	Version	Weight g
220850	adult approx. 180 cm	680
220855	youth approx. 110 cm	400
220860	baby approx. 70 cm	260



Dönges McLeod-tool with NUPLA fibreglass handle

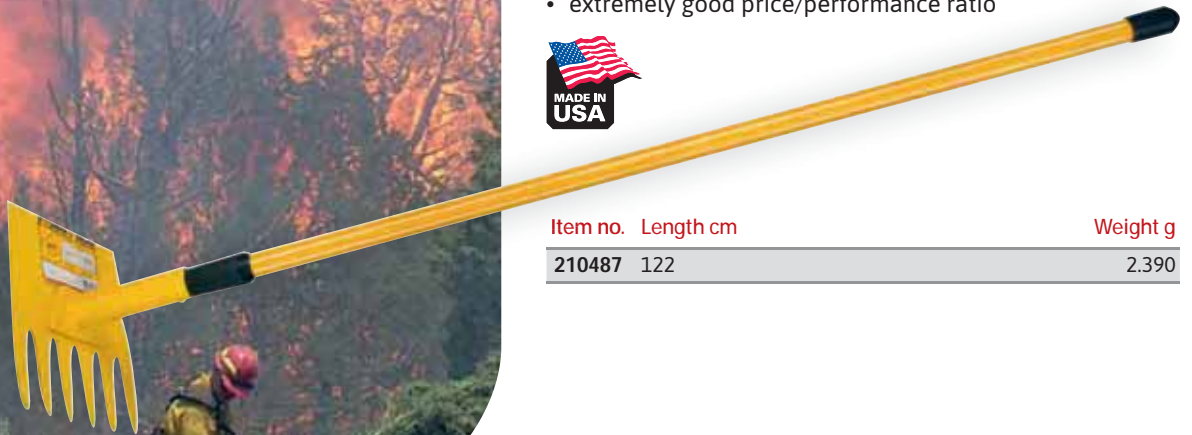
Sturdy special tool for making fire breaks in the forest floor. The sharp hoe at one side cuts through roots, and the rake will dig effortlessly into dry and hard ground.

Features:

- feather light but yet extremely stable
- hoe on one side, rake on the other
- extremely good price/performance ratio



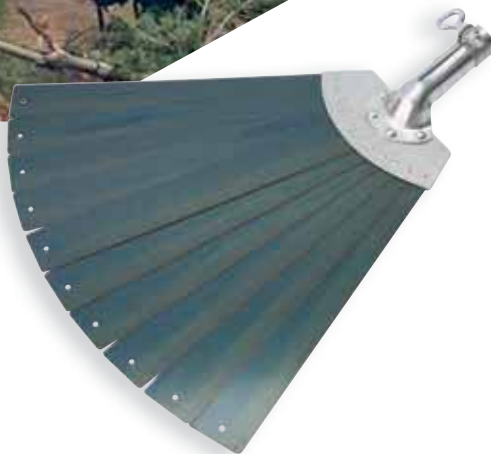
Item no.	Length cm	Weight g
210487	122	2.390



Dönges Wildfire beater

With 10 fans, each 50 mm wide, 330 mm long, made from spring steel, head made from galvanised sheet steel. ATTENTION: Handle must be ordered separately!

Item no.	Length cm	Weight g
210812	39	1.300
210820	handle for wildfire beater, 200 cm, wood	860
210821	handle for wildfire beater, 165 cm, NUPLA	1.000
201132	adapter Inteletool to standard pin DIN 14640	115



Dönges shovel cover for wildfires

With the shovel cover, a commercially available shovel turns into a full-fledged wildfire beater. The hard-wearing and flame retardant material guarantees a long service life. The shovel cover can be rolled up or folded and easily stored in the smallest of spaces when not in use.

Features:

- flame retardant material
- is simply pulled over the shovel blade and fixed with hook and loop fasteners
- takes no space while stored
- shovel not included in delivery

Technical data:

Material: PVC/PES

Scope of delivery:

1 pcs. Shovel cover

Item no.	Item	Weight g
201524	Dönges shovel cover for wildfires	500
210520	Holstein sand shovel DIN 20120, Size 2	1.900



Dönges firefighter backpack Ermak

The ERMAK firefighting backpacks are designed and manufactured without compromises. We incorporated all of our 10 year experience and strength into creating this new design. The ERMAK16, 20 and 25 are all completely manufactured in Europe. The double stroke pump eases the operation. The two-layered, padded back insert guarantees the wearer's comfort and protects him from cold water. The backpack can be individually adjusted to different heights and body types. A smaller pocket is located at the front, in which you can store additional equipment.

Scope of delivery:

- 1 pcs. Firefighter backpack with double-stroke pump
- 1 pcs. Foam adapter for double-stroke pump

Item no.	Volume l	Measurements mm	Weight g
210859	16	600 x 440 x 115	1.900
210861	20	600 x 440 x 115	2.200
200833	20 l with connection for filling system	600 x 440 x 115	2.400
210856	25	680 x 470 x 140	2.400
200963	filling system for extinguishing backpack, 150 cm		630

Features:

- large filling hole for simple and quick filling
- double-layered, durable construction
- double stroke pump
- ergonomically padded carrying- and waist strap
- chest strap for a good fit

Technical data:

Length of hose:	100 cm
Range:	5-10 m
Flow rate:	3,7-4,2 l/min



Dönges wildfire basket Wakob HS7

In the Wakob forest fire basket the equipment is clearly arranged and within easy reach. The equipment can be easily transported the last few metres to the site of operation. The external dimensions of the Wakob are identical to the DIN hose basket C.

Scope of delivery:

- 1 pcs. carrying basket ~Wakob~ with equipment holders
- 3 pcs. AWG jet pipe HS7
- 1 pcs. Distributor C-DDD
- 1 pcs. Transition piece C-D



Item no.	Version	Measurements mm	Weight g
201629	with fittings	870 x 115 x 520	9.000
201408	nozzle HS7, connection D, no handle		700

Features:

- identical dimension to hose basket C according to DIN 14827
- practical transport of the equipment
- particularly lightweight
- fully equipped with fittings (without hoses)
- one side folds out

Technical data:

Standard: similar to DIN 14827





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