



**HYDRAM**®

RESCUE TOOLS



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# ELECTRIC HYDRAULIC SET

## GHE 2A / GHE 2S / GHE 3S / GHE 4S

*A quiet energy source for the simultaneous use of 2 or 3 tools*



### DESCRIPTION

- **Ref. 2DH15F, 2DH20F, 2DH25F** : Double hose reels fitted with 15, 20 or 25 meters of paired, black/red, black/blue hoses
- **Ref. 2DH15F** : Lateral mounting
- **Ref. 2DH15F A** : Frontal mounting

### SUPPORTS SPREADER TOOL

- **Ref. SO** : With carrying handle
- **Ref. RE** : With small retractable wheels
- **GHE 2A** : Single stage pump. Distributor valve permits alternating 2 tool operation
- **GHE 2S** : 2 stage pump. Distributor valve permits simultaneous 2 tool operation, with a high flow on each distributor valve
- **GHE 3S** : 2 stage pump. Distributor valve permits simultaneous 3 tool operation, with a high flow on each distributor valve
- **GHE 4S** : 2 stage pump. Distributor valve permits 4 tools to be connected and simultaneous 2 tool operation, with a high flow on each distributor valve
- **Note : Ref. 2** : Version 220 V  
**Ref. 3** : 380 V



### CARACTERISTICS

MODEL	GHE 2A 3	GHE 2S 3	GHE 3S 3	GHE 4S 3
Engine power output	1.5 kW	1.5 kW	1.5 kW	1.5 kW
Oil capacity	8 L	8 L	8 L	8 L
1st stage flow at 150 bar	—	2 x 3.3 L/mn	3 x 3.6 L/mn	2 x 3.3 L/mn
2nd stage flow at 700 bar	1.1 L/mn	2 x 0.9 L/mn	3 x 0.7 L/mn	2 x 0.9 L/mn
Dimensions L x l x H (mm)	525 x 355 x 505	525 x 355 x 505	525 x 355 x 505	525 x 355 x 505
Weight	45.5 kg	46.5 kg	50 kg	47 kg
Compliance standards	NF-EN-NFP A	NF-EN-NFP A	NF-EN-NFP A	NF-EN-NFP A

### CONTACT / INFORMATION

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# PETROL OR DIESEL ENGINE DRIVEN HYDRAULIC SETS

## GHT 2S / GHT 3S / GHT 4S

*The most reliable alternative when electricity is unavailable*



### DESCRIPTION

- Ref. 2DH15F, 2DH20F, 2DH25F : Double hose reels fitted with 15, 20 or 25 meters of paired, black/red, black/blue hoses
- Ref. 2DH15F : Lateral mounting
- Ref. 2DH15F A : Frontal mounting

### SUPPORTS SPREADER TOOL

- Ref. SO : With carrying handle
- Ref. RE : With small retractable wheels
- GHT 2S : 2 stage pump, distributor valve permits simultaneous 2 tool operation, with a high flow on each distributor valve
- GHT 3S : 2 stage pump, distributor valve permits simultaneous 3 tool operation, with a high flow on each distributor valve
- GHT 4S : 2 stage pump, distributor valve permits simultaneous 2 tool operation, and connection of 4 tools, with a high flow on each distributor



### CARACTERISTICS

MODEL	GHT 2S	GH T3S	GH T4S
Engine power output	6 HP	6 HP	6 HP
Oil capacity	8 L	8 L	8 L
1st stage flow at 150 bar	2 x 3.2 L/mn	3 x 3.2 L/mn	2 x 3.2 L/mn
2 <sup>nd</sup> stage flow at 700 bar	2 x 0.6 L/mn	3 x 0.8 L/mn	2 x 0.6L/mn
Dimensions L x l x H (mm)	525 x 355 x 505	525 x 355 x 505	525 x 355 x 505
Weight	45 kg	48.5 kg	47 kg
Compliance Standards	MTO	MTO	MTO

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# SOUNDPROOF HYDRAULIT SET

## GHTI 2A / GHTI 2S

*Compact hydraulic set,  
High performance and low noise level  
for near at hand work*



### DESCRIPTION

- Hydraulic units with new generation motors assuring low noise levels
- 2-stage hydraulic pumps 700 bar
- Distributors with two alternating outlets
- Ref GHTI 2A or simultaneous outlets GHTI 2S
- Large capacity petrol tank for maximum autonomy
- Low weight and reduced dimensions
- Sound proofed, shock resistant Protective Cowling With Carrying handle



### CARACTERISTICS

MODEL	GHTI 2S	GHTI 2A
Engine power output	2.8 HP	2.5 HP
Oil capacity	2.7 L	2.5 L
1st stage flow at 150 bar	2.4 L/mn	2.6 L/mn
2 <sup>nd</sup> stage flow at 700 bar	0.5 L/mn	0.7 L/mn
Dimensions L x l x H(mm)	490 x 295 x 445	440 x 290 x 430
Weight	27 kg	16.9 kg
Compliance Standards	MTO	ATO

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# MINI BATTERY OPERATED HYDRAULIC SET

## MGHB

*Autonomous and lightweight, ideal for difficult access*



### DESCRIPTION

#### TOOL COMPRISES

- Metallic housing with a yellow epoxy paint protection
- 1 decompression kit
- 1 24 volt, 245W motor, 3350 rpm
- 1 battery pack, rapid load NIMH accumulator
- 1 multivoltage rapid load charge(1hr) 12/24 volts or 110/220 V
- 1 replacement battery pack
- 1 carrying strap fitted with 2 spring snaps Oil capacity 3.25 Litres

**SINGLE STAGE  
PUMP USED  
TO OPERATE  
ONE TOOL**



### CARACTERISTICS

MODEL	MGHB
Motor output	245 W
Oil Capacity	3.5 L
Operating pressure	700 bar
Free flow	0.26 L/mn
Flow rate at 700 bar	0.16 L/mm
Dimensions L x l x H (mm)	470 x 140 x 270
Autonomy with one pack	20 mn
Weight	15 kg

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# MINI BATTERY OPERATED DORSAL HYDRAULIC UNIT

## MGHDB

*Lightweight and powerful hydraulic unit, with dorsal support*



### DESCRIPTION

- 1 24 volt DC electric motor driving a system of 2 stage pumps
- Oil capacity of unit 1.5 liters
- Electric supply is provided by 2 NI:MH(nickel-metal-hydride) used alternatively
- When one is discharged, a reversing switch makes it possible to change to the second battery
- It is made individually for each battery, after connecting to a 240V mains supply by means of a standard cord and selector switch connected to each battery
- Recharging time for a battery is 120 minutes
- 80 operations with one battery
- It is possible to supply the 24V battery direct from a vehicle using a special socket
- The hydraulic distribution is provided by means of a 2 meter long hose or mono hose fitted with an anti-pollution quick connect or mono coupling
- A decompression kit enables any intempestive pressure in the pressure circuit to be released
- The light alloy housing is anti-corrosion treated. The base of the unit is protected by a rubber envelope (similar to a scuba diving bottle)
- Dorsal support type A.R.I.

**RECHARGING IS ASSURED BY AN ELECTRONIC MANAGEMENT CARD INTEGRATED INTO THE EQUIPMENT**



### CARACTERISTICS

MODEL	MGHDB
First stage flow rate at 100 bar	1.4 L/pm
Second stage flow at 700 bar	0.4 L/pm
Dimensions without rack	660 x 210 x 210
Weight	18.7 kg

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# LIGHTWEIGHT PETROL ENGINE DRIVEN HYDRAULIC UNITS

## MGHT 2A/2S – GH TL 2A/1S

*High performance, compact hydraulic units for near at hand work*



### DESCRIPTION

- **Ref. CT** : 1 Tubular chassis in light alloy integrating the transporting handle
- **Ref. RF** : Lateral guides for storing hoses
- **Ref. SO** : Tool support on chassis



### CARACTERISTICS

- **MGHT 2A** : Mini hydraulic unit driven by a single cylinder 4 stroke petrol engine. Cooling by forced air, starting with pull rope. 98cc, 2,2kW (3hp) at 3600t/min. Electronic ignition, starter pull rope, petrol capacity 1.2L, 2 alternating outlets, 2 speeds with integrated pres- sure relief valves
- **MGHT 2S** : Mini hydraulic unit driven by a single cylinder 4 stroke petrol engine. Cooling by forced air, start with pull rope. 98cc, 2,2kW(3hp) at 3600t/min. Electronic ignition, startwith pull rope, petrol capacity 1.2L, 2 simultaneous outlets, 2 speeds with integrated pres- sure relief valves
- **GH TL 1S** : Single stage pump, distributor allows 1 tool to function alternately, with a rapid approach speed on the distributor
- **GH TL 2A** : Single stage pump, distributor allows 2 tools to function alternately with a rapid approach speed on the distributor

MODEL	MGHT 2A	MGHT 2S	GH TL 1S	GH TL 2A
Engine power output	3 HP	3 HP	3 HP	3 HP
Oil capacity	2.1 L	2.8 L	4 L	4 L
1st stage flow at 150 bar	2 L/mn	2.38 L/mn	-	-
2nd stage flow at 700 bar	0.65 L/mn	0.75 L/mn	1.8 L/mn	1.8 L/mn
Dimensions L x l x H(mm)	500 x 320 x 440	460 x 320 x 432	420 x 290 x 375	420 x 290 x 375
Weight	24 kg	24 kg	22.2kg	22.7 kg
Compliance Standards	ATO	MTO	MTO	MTO

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# SINGLE OR TWIN HYDRAULIC REELS

## SINGLE 1 DH – DOUBLE 2 DH

Hydraulic hoses and hoses reels for supplying HYDR'AM tools



**CAN BE USED  
IN WET  
CONDITIONS**



### DESCRIPTION

High resistant light alloy unit with anti-wear treatment.

- Single or double reels fitted with paired thermoplastic hoses. Black for supply and red or blue for the return, with spring loaded end protectors
- Hoses fitted with HP quick action anti- pollution male/female couplers with automatic locking and protective stoppers.
- Relief valve on coupler end Hose operating pressure 700 bar
- Hose bursting pressure 2800 bar, safety coefficient: 4/1
- Rotary seal 700 bar
- Blocking system for hub and hose guide
- Anodised aluminium flanges.
- Manual rewind
- Single chassis (1 DH) or double (2 DH) or on hydraulic unit. chassis. Lateral (F) or front (T) mounting
- Exists also with a length of 10 meters



### CARACTERISTICS

MODEL	1 DH 15P	1 DH 20P	1 DH 25P	2 DH 15P	2 DH 20 P	2 DH 25 P
Operating pressure	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar
Hydraulic fluid	Total ZS 32	Total ZS 32	Total ZS 32	Total ZS 32	Total ZS 32	Total ZS 32
Dimensions (mm)	462x26 2x562	462x262 x562	462x26 2x562	540x38 0x545	540x38 0x545	540x38 0x545
Weight	18 kg	20 kg	22 kg	30.6 kg	34.6 kg	38.6 kg

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# MANUAL AND PNEUMATIC PUMPS

## PM 392 - PMP 392 - PM 802 - PAT1102N

*A pump designed for safety*



### DESCRIPTION

#### MANUAL PUMP

- Ergonomically shaped control handle with Ultra light manual and foot operated pump, glass fibre reinforced nylon tank, and aluminium body covered in nylon
- Two speeds, very low force on lever, lever blocking system. Non-conducting lever, large oil capacity, safety valve to avoid any overpressure

#### PNEUMATIC PUMP

- Pneumatic turbo pump 700bar pressure for only 5.5 bar compressed air, air economiser, return orifice to tank, uses plastic materials to reduce weight, to improve corrosion resistance and extended lifetime, safety valve to avoid overpressures
- HP anti-pollution quick action couplers with automatic locking, fitted with metallic protection plugs. Safety valve on the hose protection plug



### CARACTERISTICS

MODEL	PM 392	PMP 392	PM 802	PMP 802	PAT 1102N
Energy	Manual	Foot	Manual	Foot	Compressed air
Dimensions (mm)	533X120X177	640x170x210	552x181x228	90x200x258	430x157x272
Weight	4.1 kg	7 kg	6.6 kg	9.6 kg	7.3 kg
Flow cm3/pressure 1st stage	13	13	27	27	700
Flow cm3/pressure 2 <sup>nd</sup> stage	700	700	700	700	700
Oil capacity	901 cc	901 cc	2540 cc	2540 cc	2081 cc
Compliance standards	NFPA	NFPA	NFPA	NFPA	NFPA

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# U-SHAPED BLADE HYDRAULIC SHEARS

## CHU 150 / 180 / 202 / 1500 / 1800 / 2020

*Optimised cutters for cutting automobile profiles*



### DESCRIPTION

High resistant light alloy unit with anti-wear treatment.

#### TOOL COMPRISES

- 1 double acting cylinder
- 1 Ergonomically shaped operating handle with a built in safety feature
- Automatic locking mono coupling with flat faced pre-centering cone and metallic protection cap
- 2 straight and curved high resistant forged steel blades with anti-corrosion treatment
- 1 U type holding handle
- Pressure relief valve for hose on stopper end

**CAN  
BE USED IN  
AQUATIC  
ZONE**



### CARACTERISTICS

MODEL	CHU 150	CHU 180	CHU 202	CHU 1500	CHU 1800	CHE 2020
Operating pressure	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar
Cutting force C	694 kN	694 kN	694 kN	950 kN	950 kN	1040 kN
Spreading force	122 kN	149 kN	154 kN	122 kN	149 kN	154 kN
Maximum opening A	150 mm	180 mm	202 mm	150 mm	180 mm	202 mm
Dimensions (mm)	705x224x177	732x224x177	770x224x177	711x224x177	744x224x177	770x224x177
Weight	14.9 kg	15.2 kg	15.6 kg	17 kg	17.2 kg	17.6 kg
Tool classification EN 13204	BC 150- G/13.78	BC 180- H/14.08	CC 202- H/15.6	BC 150- G/15.88	BC 180- H/16.08	CC 202- H/17.6

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# HYDRAULIC CUTTER-SPREADERS

## CHE 210 / 290 / 2900

*Its powerful and light-weight construction makes it possible to cut high gauge, sheet metals, pipes, structures and profiles*



**CAN BE USED  
IN WET  
CONDITIONS**



### DESCRIPTION

High strength hardened light alloy unit.

- 1 Double acting cylinder
- 1 Ergonomically shaped control handle with a built in safety feature
- 1 Set of hoses 0.5m long with automatically locking anti-pollution, HP quick couplers fitted with metallic protection stoppers protection cap
- 2 straight cutting blades in high strength forged steel blades with anti-corrosion treatment
- 1 U type holding handle
- Pressure relief valve for hose on coupler end



### CARACTERISTICS

MODEL	CHE 210	CHE 290	CHE 2900
Operating pressure	700 bar	700 bar	700 bar
Cutting force C	375 kN	694 kN	950 kN
Spreading force	122 kN	122 kN	163 kN
Maximum opening A	210 mm	290 mm	290 mm
Depth of cut	150 mm	149 mm	149 mm
Dimensions (mm)	685x240x175	722x224 x177	733x224 x177
Weight	12.6 kg	14.5 kg	16 kg
Tool classification EN 13204	CC207-H12.6	CC103- H14.5	CC103-H16

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# HYDRAULIC COMBI-TOOL CUTTER-SPREADER

## CHEC 300 / 360 / 3600

*Polyvalent combi-tool, designed for rapid intervention*



### DESCRIPTION

The combination hydraulic spreader can cut, spread, pull and crush.

- 1 Double action cylinder
- 1 Ergonomically shaped control handle with integral safety feature and check valve
- 1 Set of hoses 0.5m long with automatically locking, anti-pollution, HP quick couplers fitted with metal protection stoppers
- 2 straight, high strength forged steel blades with anti-corrosion treatment
- 2 Removable ribbed tips
- 1 U type holding handle for hose on coupler end
- Pressure relief valve

### OPTION

- Chains set CCMR 2-10 C

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	CHE 360	CHE 300	CHE 3600
Blade type	Combined	Combined	Combined
Operating pressure	700 bar	700 bar	700 bar
Cutting force	694 kN	694 kN	950 kN
Depth of cut	110 mm	110 mm	110 mm
Maximum opening	300 mm	365 mm	365 mm
Maximum spreading force	70 kN	54 kN	80 kN
Dimensions (mm)	777x224x177	777x224x177	787x224x177
Weight	16 kg	15.8 kg	17.8 kg
Tool classification	BC 180- EN 13204	BC 150- G/14.9	CK 40-365- H/17.8

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# MIXED BLADE HYDRAULIC CUTTERS

## CHM 275 / 2750

*Optimised cutters for cutting automobile profiles*



### DESCRIPTION

High strength hardened light alloy unit.

- 1 Double acting cylinder
- 1 Ergonomically shaped operating handle with a built in safety feature
- 1 Set of hoses 0.5m long with automatically locking anti-pollution, HP quick couplers fitted with metal protection plugs
- 2 straight and curved high resistant forged steel blades with anti-corrosion treatment
- 1 U type holding handle.
- Pressure relief tap for hose on coupler end

**CAN  
BE USED IN  
AQUATIC  
ZONE**



### CARACTERISTICS

MODEL	CHM 275	CHM 2750
Operating pressure	700 bar	700 bar
Cutting force C	694 kN	950 kN
Maximum opening A	154 mm	154 mm
Depth of cut	276 mm	276 mm
Dimensions (mm)	744 x 224 x 177	756 x 224 x 177
Weight	14.4 kg	16.7 kg
Tool classification EN 13204	CC 130-H/ 14.4	CC 130-H/ 16.7

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# BATTERIE OPERATED MINI HYDRAULIC CUTTER

## MCHA 100 / 140 / 60C / 70U

*An ingenious tool for rapid victim rescue operations in airplane collision*



### DESCRIPTION

High strength hardened light alloy unit.

- 1 double acting cylinder
- 1 Ergonomically shaped control handle with integrated safety device and piloting
- Automatic locking mono coupling with flat faced pre-centering cone and metallic protection cap
- 2 Forged high strength light alloy arms fitted with interchangeable serrated tips without tools
- The tips are made from high strength, hardened and anti-corrosion treated steel
- Pressure relief valve for hose on coupler end

### OPTIONS

- **MCHA140 1:**  
1 storage case, padding foam with specific space for :
  - 1 Support footing
  - 1 multi-voltage charger
  - 1 spare battery pack
  - 1 blade nut
  - 1 24 flat spanner
- **MCHA140 2 :**  
MCHA140 1 +
  - 1 spare blade kit

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	CHA100	MCHA140	MCHA60C	MCHA70U
Blade shapes	Short and straight	straight	curve	U shaped
Operating pressure	700 bar	700 bar	700 bar	700 bar
Cutting force C1	190 kN	190 kN	157 kN	190 kN
Cutting force C2	102 kN	72 kN	88 kN	-
Spreading force F	20 kN	14 kN	-	-
Spreading force 2	23 kN	16 kN	-	-
Maximum opening A	98.5 mm	147 mm	66 mm	70 mm
Dimensions (mm)	602x104x260	640x104x260	609x104x260	612x104x260
Weight	9.7 kg	10 kg	10 kg	10 kg
Tool classification EN 13204	AC 58-C/ 9.7	AC 94-C/ 10	AC 66 -C/ 10	AC 70 -B/10

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# MINI HYDRAULIC CUTTER-SPREADER

## MCHE 100 / MCHE140 / MCHC 60 / MCHU 70

*Its light weight and low space requirement provides a very effective tool*



**MCHE 100**

**CAN BE USED  
IN WET  
CONDITIONS**



### DESCRIPTION

High strength hardened light alloy unit.

- 1 double acting cylinder
- 1 Cutter body
- 1 Ergonomically shaped control handle with integrated safety device
- 1 Set of 0.5 meter long hoses with automatic locking, anti-pollution quick action couplers with metal protection stoppers
- 2 Cutting blades in high strength corrosion resistant hardened forged steel (4 blade models)
- Hose relief valve on end stopper



### CARACTERISTICS

MODEL	MCHE100	MCHE140	MCHCA60	MCHU70
Blade shape	Short rights	right	curves	U
Operating pressure	700 bar	700 bar	700 bar	700 bar
Cutting force	190 kN	190 kN	157 kN	190 kN
Spreading force F	23 kN	16 kN	-	-
Maximum opening A	98.5 mm	147 mm	66 mm	70 mm
Dimensions (mm)	492x136x90	530x136x90	499x136x90	502x135x90
Weight	4.7 kg	5.00kg	5.00 kg	5.00 kg
Tool classification	AC 58-C/ 4.7	AC 94-C/ 10	AC 66 -C/ 10	AC 70 -B/10
13204				



**MCHE 140**

**MCHU 70**

**MCHC 60**

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# MANUAL COMBINED CUTTER

## CHECM 275

*Combined tool for first intervention*



### DESCRIPTION

Hydraulic combined tool with combined blades in forged steel with a high resistance, barbed tips which allows, with the integrated hydraulic pump, the cutting, the spreading, the pulling and the scrushing of the sheet steels and profiles.

Body and blades can work on a dusty and damp place because of an anti corrosion treatment Ergonomically shaped control handle with Ultra light manual and foot operated pump, glass fibre reinforced nylon tank, and aluminium body covered in nylon.

The shape of the blades tips allows an optimized spreading .

The shape of the handle doesn't require adjustment in rotation.

- 1 double acting cylinder
- 2 control buttons opening/closing, control non-return valve
- 1 U-shaped holding handle
- Hand lever can rotate 360°
- 1-2 stage manual pump

**POSSIBILITY TO WORK  
IN AQUATIC  
ENVIRONMENT UNTIL –  
100M AND OPERATING  
TEMPERATURE  
BETWEEN  
–20°C / 80°C**



### CARACTERISTICS

MODEL	CHECM 275
Blade shape	Combined
Operating pressure	700 bar
Cutting force	260 kN
Max. opening	265 mm
Max. diameter cutting	25 mm
Max. spreading force	24.5 kN
Dimensions (mm)	720 x 190 x 185 mm
Weight	11.9 kg
Tool classification EN 13204	BK 24.5-265-F 11.9

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# MANUAL COMBINED CUTTER

## CHT 10

*Very effective tool for the cut of sheet and different thick metal in a continuous way*



### DESCRIPTION

The straight bladed hydraulic cutter allows continuous cutting of, side members, different thick metal (10 mm).

#### TOOL COMPRISES

- 1 double acting cylinder
- 1 Control handle with integral safety device, ergonomic shape and piloting check valves
- 1 Set of hoses with HP anti-pollution quick action couplers and metal protection stoppers
- 1 Ribbed cutter blade in high strength forged steel
- 2 Ribbed hardened steel plates
- 1 Light alloy interlinking part with hardened steel friction blocks
- 1 holding handle
- Relief valve for Hose on stopper end



### CARACTERISTICS

MODEL	CHT 10
Operating pressure	700 bar
Max. cutting force	232 kN
Dimensions (mm)	667 x 230 x 118
Weight	17.5 kg

**CAN BE USED  
IN WET  
CONDITIONS**

# SHEAR FOR CONTINUOUS CUTTING

## CHT 12

*Very effective for entrapment rescue operations in vehicle accidents involved in RAILWAYS ROAD HAULAGE AVIATION*



**CAN BE USED  
IN WET  
CONDITIONS**



### DESCRIPTION

The straight bladed hydraulic cutter allows continuous cutting of, side members, thick metal sheets or passenger compartments up to 15 mm. Clean cut finish simplifies victim removal.

### TOOL COMPRISES

- 1 double acting cylinder
- 1 Control handle with integral safety device, ergonomic shape and piloting check valves
- 1 Set of 0.5 m long hoses with HP anti-pollution quick action couplers and metal protection stoppers
- 2 Ribbed hardened steel plates
- 1 Ribbed cutter blade in high strength forged steel
- 2 Light alloy interlinking parts with hardened steel friction blocks
- 2 + 2 holding handles
- Pressure relief valve for hose on stopper end



### CARACTERISTICS

MODEL	CHE 210
Operating pressure	700 bar
Max. Cutting Force	334 kN
Dimensions (mm)	962 x 400 x 276
Weight	33.05 kg

### CONTACT / INFORMATION

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# HYDRAULIC SPREADERS

## EHM 750 - EHL 620/800 - EHS 570

*The optimal force of HYDR'AM tools assure complete safety during spreading, pulling, crushing and lifting operations*



### DESCRIPTION

- Unit is made of hardened high strength light alloy.
- 1 double acting cylinder
- 1 Ergonomically shaped control handle with integrated safety device and piloting
- Automatic locking mono coupling with flat faced pre-centering cone and metallic protection cap
- 2 Forged high strength light alloy arms fitted with interchangeable serrated tips without tools
- The tips are made from high strength, hard- ened and anti-corrosion treated steel
- Pressure relief valve for hose on coupler end



### CARACTERISTICS

MODEL	EHM 750	EHL 800	EHL 620	EHS 570
Operating pressure	700 bar	700 bar	700 bar	700 bar
Spreading force F	41 kN	66 kN	97 kN	92 kN
Max. spreading force F3	> 132 kN	> 202 kN	> 373 kN	> 260 kN
Traction force F4/F5	49 / 41 kN	128 / 51.2 kN	138 / 82 kN	114.4 / 62 kN
Maximum opening B	750 mm	800 mm	620 mm	565 mm
Dimensions (mm) LxAxH	809 x 310 x 205	860 x 360 x 200	761 x 360 x 195	911 x 370 x 244
Weight	19.6 kg	20 kg	25 kg	32.6 kg
Tool classification EN 13204	AS 41-750/19 .6	BS 63-800/27 .3	CS 88-620/25	CS 91-565/32 .6

**CAN BE USED  
IN WET  
CONDITIONS**

### CONTACT / INFORMATION

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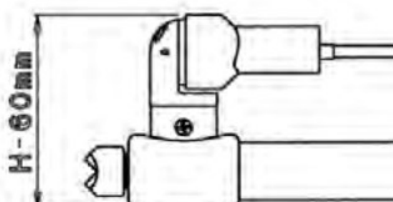
# HYDRAULIC RAM SPREADERS

## VHE / VHEM / VHES

*Effortless pushing, pulling and lifting*



Horizontal handle



**CAN BE USED  
IN WET  
CONDITIONS**



### DESCRIPTION

Unit is made of hardened high strength light alloy

#### TOOL COMPRISES

- 1 Double action cylinder
- 1 Ergonomically shaped control handle with integral safety device and piloting check valves
- 1 Set of 0.5 meter long hoses, automatic locking anti-pollution HP quick action couplers with metal protection plugs
- 1 The ram body is unencumbered , simplifying its positioning and operation
- 2 Threaded end pieces with interchangeable diamond pointed pads
- Pressure relief valve for hose on coupler end

#### OPTION

- See accessories sheet on holding handle



### CARACTERISTICS

MODEL	VHE 150	VHE 250	VHE 425	VHEM 250	VHEM 350	VHEM 500	VHEM 700	VHES 150	VHES 250	VHES 425
Operating pressure	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar
Maxi force on 1st piston	104.6	104.6	104.6	158	158	158	158	190	190	190
Maxi Force on 2nd piston	54	54	54	76	76	76	76	108	108	108
Maxi Force on 3rd piston	150	250	2x212.5	250	350	2x250	2x350	150	250	2x212.5
Stroke A	408	508	728	505	608	724	941	438	538	775
Minimum length B	558	758	1153	742	942	1224	1624	588	788	1200
Maximum length C	9.35	10.38	13.98	11	11.5	13.7	18.7	9.5	10.5	16.4
Weight	408x90 x294	508x90 x294	728x90 x294	505x99 x310	608x99 x310	735x99 x310	941x99 x310	438x106 x311	538x106 x311	775x106 x311
Dimensions (mm) BxHxD	1	1	2	1	1	2	2	1	1	2
Working oil	R 104.6 - 150 - 9.35	R 104.6 - 250 - 10.38	R 104 - 425 - 13.98	R 158 - 250 - 11	R 158 - 350 - 11.5	R 158 - 500 - 13.7	R 158 - 700 - 18.7	R194/150 - 9.5	R194/250 - 10.5	R194/425 - 16.4

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# TELESCOPIC RAMS

## VHET 259 / 619 VHETS 275-575-700-875

*Lightweight and effective for limited space applications*



### DESCRIPTION

Unit is made of hardened high strength light alloy.

#### TOOL COMPRISES:

- 1 Double action cylinder
- 1 Ergonomically shaped control handle with integral safety device and piloting check valves.
- 1 Set of 0.5 meter long hoses, automatic locking antipollution HP quick action couplers with metal protection plugs
- Universal swivel fitting
- Pressure relief valve for hose on coupler end

#### OPTION

- Horizontal control handle support (see photo VHET 820)



### CARACTERISTICS

MODEL	VHET 259	VHET 619	VHET 820	VHETS 275	VHETS 575	VHETS 875
Operating pressure	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar
Maxi force on 1st piston	230 kN	230 kN	262 kN	260 kN	260 kN	260 kN
Maxi Force on 2nd piston	68 kN	68 kN	137.5 kN	119 kN	119 kN	119 kN
Maxi Force on 3rd piston	—	—	38.5 kN	—	—	—
Stroke A	260 mm	620 mm	820 mm	275 mm	575 mm	875 mm
Minimum length B	340 mm	516 mm	480 mm	345 mm	515 mm	640 mm
Maximum length C	600 mm	1136 mm	1 300 mm	620 mm	1 080 mm	1 515 mm
Weight	12.6 kg	16.6 kg	22 kg	12.35 kg	15.45 kg	20 kg
Dimensions (mm) BxHxD	340x306x172	516x306x172	473x306x180	345x316x178	515x316x178	640x316x178
Working oil	236 cc	570 cc	397 cc	229 cc	465 cc	701 cc
Compliance EN 13204	TR 230/162-83/100- 12.6	TR 230/342-83/280- 16.6		TR 260/168-119/110 - 12.35	TR 260/316-119/259 - 15.45	TR 260/467-119/408 – 20

**CAN BE USED  
IN WET  
CONDITIONS**

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# HYDRAULIC DOORS OPENER

## OPH 120 – PM 141 MANUAL PUMP – 1 FH 2 T HOSE

*Hydraulic door opener and manual pump unit. The key of all locks*



### DESCRIPTION

#### TOOL COMPRISES

- 1 Single cylinder made in high resistant light alloy with an anti-wear treatment
- 1 System of rotating connectors to provide an easy hydraulic supply in any position
- 1 Anti-pollution HP quick coupler with automatic locking and metallic protection plugs
- 1 Base and u-bolt made in high strength steel treated for anti-corrosion
- Pressure relief valve for hose on coupler end

#### PRESENTATION:

- 1 box for transport and support
- 1 hydraulic door opener OPH 120
- 1 manual pump PM 141
- 1 2 meter long hose 1FH 2T

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	PM 141 – 1 FLOOR
Volume of oil per stroke	0.90 cm <sup>3</sup>
Operating pressure	700 bar
Usable oil capacity	327 cm <sup>3</sup>
Weight	2 kg
Dimensions (mm)	345 x 105 x 145
MODEL	OPH 120
Operating pressure	700 bar
Spreading force	96 kN
Opening	120 mm
Weight	6.5 kg
Dimensions (mm)	111 X 135 x 230

#### CONTACT / INFORMATION

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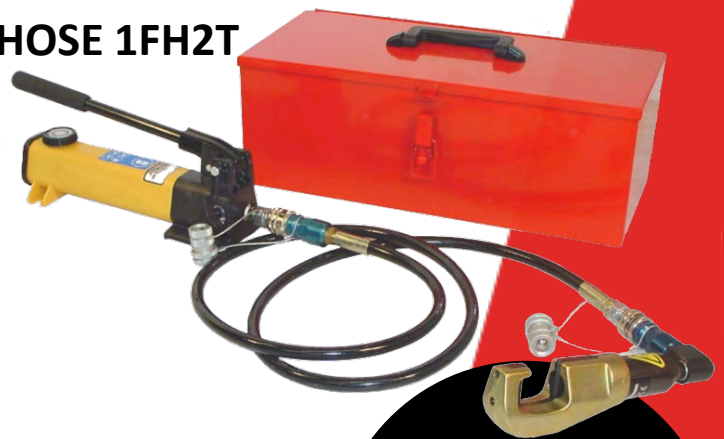


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# PEDAL CUTTER ES 635

## ES 635 – MANUAL POMPE PM 141 – HOSE 1FH2T

*The manual pump & pedal cutter unit is ideal when access is difficult*



### DESCRIPTION

Unit made from hardened high tensile anti-corrosion treated forged steel.

#### TOOL COMPRISES

- 1 single acting cylinder
- Body made of high strength, anti-corrosion treated steel
- 1 fixed blade and 1 adjustable blade made of high strength, anti-corrosion treated steel

#### ACCESSORIES

- 1 Transport case 485x230x195mm
- 1 PC 635 pedal cutter 1 Manual pump
- PM141 1 2 meter hose 1FH 2T

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	PM 141 – 1 FLOOR
Volume of oil/stroke	0.90 cm <sup>3</sup>
Operating pressure	700 bar
Usable oil capacity	327 cm <sup>3</sup>
Weight	2 kg
Dimensions (cm)	345 x 105 x 145
MODEL	PC 635
Cutting force	56 kN
Operating pressure	700 bar
Cutting width	35 x 35
Weight	2.2 kg
Dimensions (cm)	248 x 45 x 130

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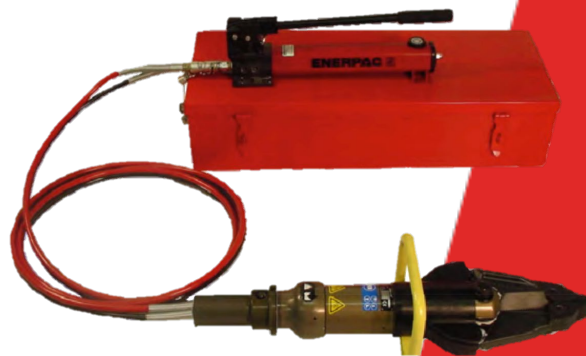


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# COMBINATION CUTTER - SPREADER

## ES 360

*Combined tool and pump unit for first intervention*



### DESCRIPTION

The straight bladed hydraulic combination tool permits cutting, spreading, pulling and crushing of metal sheets and profiles Ref CHEC 360. The shape of the blade tips assures optimum spreading.

### TOOL COMPRISES

- 1 Double action cylinder
- 1 Ergonomically shaped operating handle and valve, with integral safety device and piloting check valves
- 2 Notched spreader blades in high strength corrosion resistant forged steel
- 1 U type holding handle
- Used with manual pump PM 392

### PRESENTATION

- 1 transport case and support
- 1 CHEC 360 blade
- 1 manual pump PM 392
- 1 flexible 3-meters high-pressure hose

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	CHEC 360
Blade shape	combined
Operating pressure	700 bar
Cutting force	694 kN
Maximum opening	365
Maximum spreading force	54 kN
Dimensions (mm)	777x210x165
Weight	15.8 kg
Tool classification EN 13204	BK 25-365-H/15.8
Maximum opening	EN - NFPA

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# PEDAL CUTTER SET ES 840

## PC 840 / P 142 / 1FH2T

*The manual pump cutter unit & pedal cutter unit is ideal when access is difficult*



### DESCRIPTION

Unit made from hardened high tensile anti-corrosion treated forged steel.

### TOOL COMPRISES

- 1 single acting cylinder
- Body made of high strength, anti- corrosion treated steel
- 1 fixed blade and 1 adjustable blade made of high strength, anti-corrosion treated steel

### ACCESSORIES

- 1 Transport case 640x400x163 mm 1 PC
- 840 pedal cutter
- 1 Manual pump PM142
- 1 2 meters hose 1FH 2T

**CAN BE USED  
IN WET  
CONDITIONS**



### CARACTERISTICS

MODEL	1 STAGE PUMP PM 142
Operating pressure	700 bar
Usable oil capacity	327 cm <sup>3</sup>
Weight	2.4 kg

MODEL	PEDAL CUTTER PC 635
Cutting force	76.8 kN
Operating pressure	700 bar
Cutting width	40 x 40
Weight	3.720 kg
Dimensions (cm)	290 x 142 x 54

### CONTACT / INFORMATION

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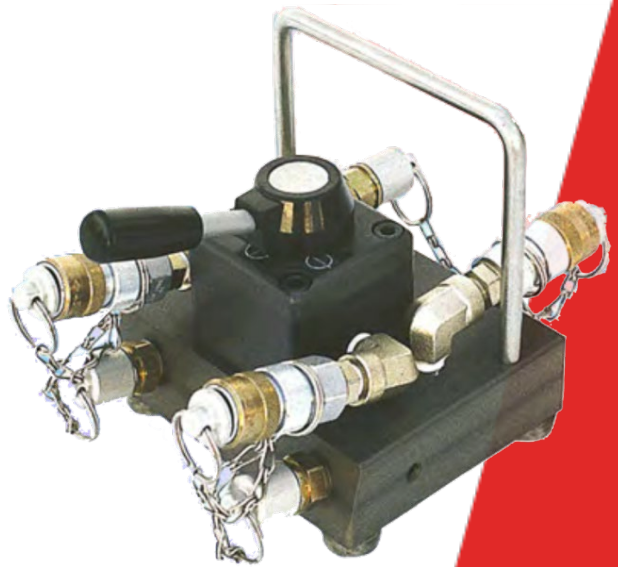


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# DISTRIBUTION UNIT

## SD 700

*HYDRAM distribution sets make it possible connect several tools onto the same hydraulic set*



### DESCRIPTION

- 1 base plate with rubber support pads
- 1 Distributor with 2 alternative outlets (2A)
- 1 Holding and protection handle
- 3 sets of HP anti-pollution male/female couplers with automatic locking and metal protection stoppers
- Safety valve for the hose on the coupler end

**ENABLES 3 OR 4  
TOOLS TO BE USED  
WITHOUT HAVING  
TO INTERVENE ON  
THE HYDRAULIC  
UNIT**



### CARACTERISTICS

MODEL	S700
Dimensions (mm)	170 x 155 x 250
Operating pressure	700 bar
Weight	4.8 kg

#### CONTACT / INFORMATION

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# SPREADER & CYLINDER ACCESSORIES

VHE – VHEM – VHES – VHET – EHM – EHL - EHS

*Vital accessories for the optimum efficiency of your tools*



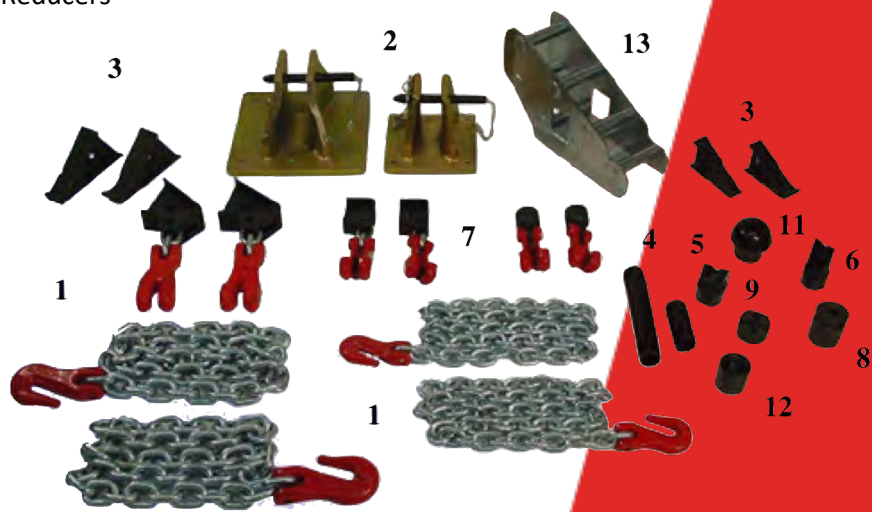
## DESCRIPTION

### SPREADER ACCESSORIES

- 1 - Set of chains, hooks Shackles, Reducers
- 2 - Support footing
- 3 - Cutting tips

### RAM ACCESSORIES

- 4 - Cylinder extension
- 5 - V-Head
- 6 - Wedge head 7 - Gripper head
- 8 - Spherical head
- 9 - Diamond head
- 10 - Coned head
- 11 - Grooved plate head
- 12 - Grooved head
- 13 - Support footing



## CARACTERISTICS

MODEL	VHE	VHEM	VHES	VHET
4	RV 125-10 RV 225-10 RV 400-10	RV 125-15 RV 225-15 RV 400-15	RV 125-20 RV 225-20 RV 400-20	RVT 130 RVT 225
5	TV 10	TV 15	TV 20	-
6	TB 10	TB 15	TB 20	TBT 20
7	TG 10 (THE SET)	TG 15 (THE SET)	TG 20 (THE SET)	-
8	TR 10	TR 15	TR 20	-
9	TD 10	TD 15	TD 20	TDT 20
10	TC 10	TC 15	TC 20	TCT 20
11	TP 10	TP 15	TP 20	-
12	TS 10	TS 15	TS 20	TST 20
13	SAU 20	SAU 20	SAU 20	SAU 20
	<b>EHM 750/860</b>	<b>EHL 880/800/660 &amp; EHS 570</b>		
1	CCMR 2-10	CCMT 2-20		
2	SAE 10	SAE 20		
3	ED 10	ED 20		

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# ACCESSORIES

## ECSM 275-A—ECSM 275-B—ECSM 275-C

*For effective vehicle chocking*



### DESCRIPTION

Black, high strength, UV stabilized, resistant to absorption of fluids one piece moulding for an higher durability and solidity.  
For all the rescue operations, and any other situation, vehicules stabilization and any structure to be stabilized.

#### MODEL ECSM275-A CHOCKING SET

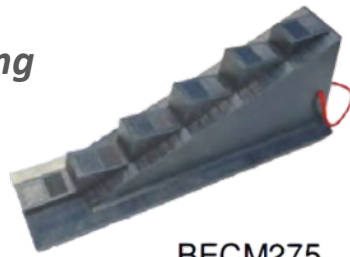
- 2 Step chock wedges CL150
- 2 Step chocks with rope BECM275
- 2 Step chock wedges CE75
- 2 Cribbing wedges with rope BCM275

#### MODEL ECSM275-B CHOCKING SET

- 2 Step chock wedges CL150
- 2 stacking blocks BC75
- 2 Step chock wedges CE75
- 2 stacking blocks BC50
- 2 stacking blocks BC25

#### MODEL ECSM275-C CHOCKING SET

- 2 Step chock wedges CL150
- 2 stacking blocks BC75
- 2 Step chock wedges CE75
- 2 stacking blocks BC50
- 2 Step chocks with rope BECM275
- 2 stacking blocks BC25
- 2 Cribbing wedges with rope BCM275



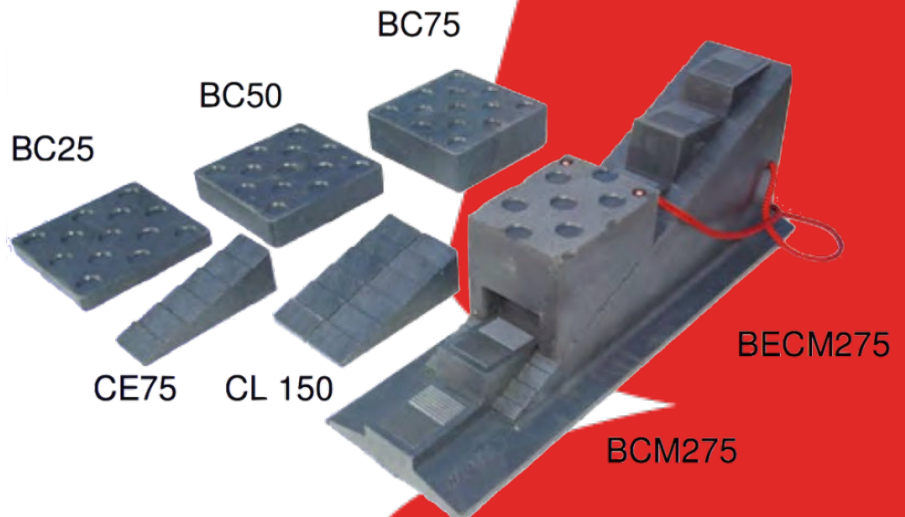
BECM275



BECM275+ BCM 275



BECM275+ BCM 275 + BC50



**100 % RECYCLED  
POLYOLEFIN  
COMPOUND, FOR  
AN HIGHER  
DURABILITY AND  
THE RESPECT OF THE  
ENVIRONMENT**



Non contractual document

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# PNEUMATIC CUTTING TOOL FOR WINDSCREENS ODPH

*Pneumatic cutting tool for windscreens, to give a clean smooth cut*



## DESCRIPTION

### UNIT COMPRISES

- 1 Pneumatic operated tool with a diamond disk, lever operated control handle with safety system
- 1 Helical air hose
- 1 Pressure reducing device 200/300 bar
- 1 Protective housing

### USE

- Connection onto 200/300 bar compressed air bottle
- Clean smooth cutting of bonded laminated windscreens and all plastic and polyester parts

### PRESENTATION

- Unit supplied in a plastic case



## CARACTERISTICS

MODEL	ODPH
Maximum pressure	6.3 bar
Flow rate	0.5 m <sup>3</sup> / mn
Power	280 W
Dimensions (mm)	250 x 60 x 30
Weight	0.6 kg

### CONTACT / INFORMATION

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# AIRBAG NEUTRALISER

## OCTOPUS

*Effectively neutralizes  
an unreleased air bag*



### DESCRIPTION

Model for light weight vehicles, small vans and heavy goods vehicles (Octopus VL/PL ; Octopus VL/F ; Octopus VL/F/PL).  
Rapid placement. Used prior to vehicle intervention.

#### OCTOPUS VL / F / PL

- 1 protection device for light vehicle steering wheels
- 1 protection device for small van steering wheels
- 1 protection device for heavy duty vehicle steering wheels
- 1 assembly and safety manual
- 1 carrying bag

#### OCTOPUS VL / F

- 1 protection device for light vehicle steering wheels
- 1 protection device for small van steering wheels
- 1 assembly and safety manual
- 1 carrying bag

#### OCTOPUS VL / PL

- 1 protection device for light vehicle steering wheels
- 1 protection device for heavy duty vehicle steering wheels
- 1 assembly and safety manual
- 1 carrying bag

**POLYESTER  
FIBRES  
PROVIDE VERY  
HIGH  
RESISTANCE**



### CARACTERISTICS

- Protective covering device supplied in a small carrying case
- Product complies with DIN 60060 standard
- Treatment : Fibres drawn and impregnated with PU
- Breaking load : 2500daN

#### SAFETY

- After an airbag has inadvertently triggered, it is preferable to replace the steering wheel safety cover

#### CONTACT / INFORMATION

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# PROTECTIVE COVER SET

## OCTOPUS MP

For an effective protection  
of the sharp sides of damaged cars



### DESCRIPTION

- The large cover is used if the top of the vehicle has been cut and taken off to cover the length of the sharp edges
- The small cover is used in the door area to cover each sharp edge when the door has been cut
- These protective covers adhere on the vehicle with the sewn magnets in the covers
- The protective sleeves are fixed on the sharp edge of the pillars when the top has been taken off



### CARACTERISTICS

- For these units, Cordura has been used, Dupont longlife nylon
- The extern layer is made of Trevira, a special cover which can be cleaned with a normal desinfectant, even if there is blood or oil
- 4 layers of flannel are sewn between these two materials. Theses layers have the characteristic to be contracted when they are penetrated by something sharp

### SET OF PROTECTIVE COVERS REF. OCTOPUS MP including

- 1 protective cover of 165 x 65 cm
- 1 protective cover of 65 x 65 cm
- 2 protective sleeves of 30 x 35 cm
- 1 carrying bag



### CONTACT / INFORMATION

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# 8 BARS HIGH PRESSURE LIFTING BAGS

## SLK 1 to SLK 70

Powerful and safe in the most inaccessible places



### DESCRIPTION

- High pressure bag reinforced with Kevlar rope
- Use pressure 8 bar
- Safety coefficient from 4 to 9
- Eleven lifting classifications (see table below)

### ACCESSORIES

- Single or dual control system with or without protection housing
- Reducing valve 200-300 bar DIN
- 5 meters long hose in yellow, red or blue
- Stop valve Réf:VA.



### CARACTERISTICS

MODEL	SLK 1/7	SLK 3/13	SLK 6/15	SLK 8/18	SLK 12/22	SLK 19/27	SLK 24/30	SLK 31/36	SLK 40/42	SLK 54/45	SLK64/51
Lifting power max.	10 kN	30 kN	60 kN	87 kN	128 kN	200 kN	250 kN	322 kN	420 kN	538 kN	637 kN
Lifting height	7 cm	13 cm	15 cm	18 cm	22 cm	27 cm	30 cm	36 cm	42 cm	45 cm	51 cm
Dimensions (cm)	15 X 15	22.5 X 22.5	30 X 30	38 X 38	45 X 45	55 X 55	61 X 61	69 X 69	78 X 78	87 X 87	91 X 91
Insertion height	2.8 cm	2.8 cm	2.8 cm	2.8 cm	2.8 cm	2.8 cm	3 cm	3 cm	3 cm	3 cm	3 cm
Nominal volume	0.3 L	1.75 L	4.4 L	9.2 L	10.7 L	21.7 L	32.9 L	23.5 L	57.5 L	75 L	124.2 L
Air required at 8 bars	5 L	15 L	42 L	86 L	152 L	296 L	416 L	621 L	921 L	1305 L	1505 L
Filling time	0.6 sec.	1.2 sec.	2 sec.	5 sec.	7 sec.	15 sec.	20 sec.	28 sec.	50 sec.	65 sec.	80 sec.
Pressure of use max.	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar
Bursting pressure	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar
Weight	0.6 kg	1.3 kg	2.4 kg	4 kg	5.3 kg	8.1 kg	11.2 kg	13.3 kg	18.2 kg	22.5 kg	25.3 kg

### CONTACT / INFORMATION

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# HIGH PRESSURE LIFTING BAG

## SAVA

*Powerful and Safe in the most inaccessible places*



### DESCRIPTION

- High pressure bag reinforced with Kevlar rope. Use pressure 8 bar
- Safety coefficient from 4 to 9
- Eleven lifting classifications (see table below)

### ACCESSOIRES

- Single or dual control system with or without protection housing. Reducing valve 200-300 bar DIN. 5 meters long hose in yellow, red or blue



### CARACTERISTICS

MODEL	SLK 1/7	SLK 3/13	SLK 6/15	SLK 8/18	SLK 12/22	SLK 19/27	SLK 24/30	SLK 31/36	SLK 40/42	SLK 54/45	SLK 64/51
Lifting power max.	10 kN	30 kN	60 kN	87 kN	128 kN	200 kN	250 kN	322 kN	420 kN	538 kN	637 kN
Lifting height	7 cm	13 cm	15 cm	18 cm	22 cm	27 cm	30 cm	36 cm	42 cm	45 cm	51 cm
Dimensions (cm)	15X15	22.5X22.5	30X30	38X38	45X45	55X55	61X61	69X69	78X78	87X87	91X91
Insertion height	2.8 cm	2.8 cm	2.8 cm	2.8 cm	2.8 cm	2.8 cm	3 cm	3 cm	3 cm	3 cm	3 cm
Volume nominal	0.3 L	1.75 L	4.4 L	9.2 L	10.7 L	21.7 L	32.9 L	23.5 L	57.5 L	75 L	124.2 L
Air required at 8 bars	5 L	15 L	42 L	86 L	152 L	296 L	416 L	621 L	921 L	1305 L	1505 L
Filling time	0.6 sec	1.2 sec	2 sec	5 sec	7 sec	15 sec	20 sec	28 sec	50 sec	65 sec	80 sec
Pressure of use max.	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar
Bursting pressure	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar	>32 bar
Weight	0.6 kg	1.3 kg	2.4 kg	4 kg	5.3 kg	8.1 kg	11.2 kg	13.3 kg	18.2 kg	22.5 kg	25.3 kg

### CONTACT / INFORMATION

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# LOW PRESSURE LIFTING BAG

SLK 1/7 / SLK 3/13 / SLK 6/15 / SLK 8/18 / SLK 12/22 / SLK 19/27

*Strength and Suppleness for interventions on voluminous equipment*



## DESCRIPTION

- Low pressure lifting bag -polyamide and aramide fabric with covering
- Neoprene covering
- Operating temperature range from -40°C to +95°C
- Resistant to oil and ozone
- Utilisation pressure 1 bar
- Six lifting categories (see chart below)



## ACCESSORIES

- Single or dual control system with or without protection housing
- Pressure reducing valve 200-300 bar
- 5 or 10 meters long hose in yellow or red



## CARACTERISTICS

MODEL	SLK 1/7	SLK 3/13	SLK 6/15	SLK 8/18	SLK 12/22	SLK 19/27
Reference	83101000	83102000	83103000	83104000	83105000	83106000
Lifting power	20.8 kN	61.8 kN	21.64 kN	44.64 kN	62.14 kN	71.14 kN
Lifting power	2.08 t	6.18 t	2.16 t	4.46 t	6.21 t	7.11 t
Nominal strength	10.4 kN	30.9 kN	21.64 kN	44.64 kN	62.14 kN	71.14 kN
Lifting height	21 cm	43 cm	45 cm	65 cm	65 cm	75 cm
Nominal stroke	10.5 cm	21.5 cm	45 cm	65 cm	65 cm	75 cm
Dimensions (cm)	65x32	65x95	50x45	70x65	90x70	90x80
Nominal volume	26 L	114 L	195 L	580 L	808 L	856 L
Air required at 1 bar	52 L	228 L	390 L	1 116 L	1 616 L	1 712 L
Weight	2 kg	5.5 kg	3.5 kg	8 kg	9.5 kg	11.5 kg

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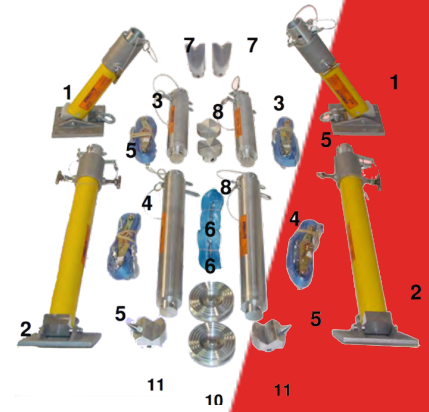


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# VEHICLE STABILISATION KIT

## LARGE HYDRALITE KESV-L – SMALL HYDRALITE KESV-C

*Lightweight and performant, a large range of accessories for all kind of stabilisation*



### DESCRIPTION

This system will allow you to secure your rescue environment quickly and efficiently. The different accessories adhere to all shapes, surfaces and situations.



### CARACTERISTICS

- The simple design and rugged construction ensures the HYDRALITE vehicle kit will operate under the worst rescue site conditions. Mud or water will not affect the tool's operation
  - No operational maintenance is required, only a periodic cleaning is necessary
  - Aluminium and stainless steel construction for long life and weatherproof operation
  - Small kit (HYDRALITE KESV-C) about 14.5 Kg, large kit (HYDRALITE KESV-L) about 18,3 Kg
  - Safe, clean, no contaminants. Fast, simple and dependable
  - No special tools required. Easy to handle and carry
  - With a large range of accessories and bases, the HYDRALITE vehicle kit can be used on many different types of surfaces
  - Mecanical lockout, no risk to creep back
- Safety coefficient : 3/1—Maximum charge : 3000 kg

**THE HYDRALITE STABILISATION KIT IS A LIGHTWEIGHT, VERSATIL SYSTEM DESIGNED FOR VERTICAL, HORIZONTAL AND ANGLED SUPPORT**

ARTICLE	QUANTITY	PIECE REFERENCE	NOMINATION
<b>The small stabilisation kit KESV-C comprises</b>			
1	2	ECH 405	Short forestay (405 to 580mm)
3	2	RESH 300	Extension (300 to 457 mm)
5	2	SCCH 32	3.2 m Ratchet strap with hooks
7	2	TBH	Wedge attachment
8	2	TDH	Diamond head
9	1	STHC	Carrying bag
<b>The large stabilisation kit KESV-L comprises</b>			
2	2	EHL 710	Long forestay (710 to 1050 mm)
4	2	RESH 457	Extension (457 to 760 mm)
5	2	SCCH 32	3.2 m Ratchet strap with hooks
6	2	SCH 46	4.6 m Ratchet strap with hooks
8	2	TVPH	V blocks
9	1	STHL	Carrying bag
Option	10 - 2	TRH 15	15° swivel attachment

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# STABILISATION KIT

## ADJUSTABLE PNEUMATIC AND TELESCOPIC KNIGHTHEADS

*Complete set of adjustable knightheads for clearing rescue, Road rescue, Ravin rescue*



### DESCRIPTION

Adjustable equipment in high resistant alloy with anti rust treatment.  
Delivered in carrying case.

### LOCKING SYSTEM WITH

- 1 Groved plate base
- 1 Rotative groved head
- Extensions lenght :
  - 15 cm / 30 cm / 60 cm / 90 cm / 120 cm / 150 cm
- Accessories in option (see reverse)



### CARACTERISTICS

MODEL	LENGHT	WEIGHT
A	55 – 67 cm	6.8 kg
B	75 – 104 cm	8.3 kg
C	108 – 170 cm	10.6 kg
D	161 – 297 cm	14.8 kg
E	264 – 373 cm	22.8 kg
Extension 1	15 cm	1 kg
Extension 2	30 cm	1.8 kg
Extension 3	60 cm	3.5 kg
Extension 4	90 cm	4.8 kg
Extension 5	120 cm	6 kg
Extension 6	150 cm	7 kg



**LIGHT AND  
EFFICIENT, A WIDE  
RANGE OF  
ACCESSORIES FOR  
ALL KIND OF  
STABILIZATION**



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# RESCUE PLATFORM

## ALUMINIUM PLATFORM FOR RESCUE WORK IN HEIGHT

*Rescue work on trucks, buses, trains, airplanes and buildings*



### DESCRIPTION

- Light and stable aluminium construction
- Foldable ladder and removable guard rail for minimum storage space
- The guard rail can be fixed to both sides of the platform
- Base is made user safe with anti-slip profiles
- Ladder feet are extensible to provide a safe base on uneven ground
- Can be quickly mounted onto the folding ladders on each side
- Fixing bolts, leather sole plates and protection caps are indicated in yellow

### OPTIONS

- Kit for rail use, ref. KRF + parking brake in box
- Two feet kit adjustable (additional) ref. KPR



**LIGHT AND  
EFFICIENT, A WIDE  
RANGE OF  
ACCESSORIES FOR  
ALL KIND OF  
STABILIZATION**



### CARACTERISTICS

MODEL	PLATFORM
Platform (width x length)	880 x 1840 mm
Volume of oil per stroke	Extensible with 4 feet from 980, 1 050, 1 085, 1 135, 1 180, 1 225, 1 280, 1 325, 1 380 mm
Total surface (width x length with unfolded ladders)	2 700 x 950 mm
Storage dimensions (length x width x height)	2 070 x 1 060 x 300 mm
Weight	54 kg
Approximative authorized weight (2 users + tolls)	500 kg

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# MANUAL TOOL FOR WINDSCREENS CUTTING

## OMD GLAS-MASTER

*Hand cutting tool for windscreens, because we know that a minute can make all the difference*



ES GLASMASTER

**THIS TOOL WAS DESIGNED TO REMOVE LAMINATED AND BONDED WINDSCREENS AND ALL OTHER TYPES OF WINDSCREEN**



### DESCRIPTION

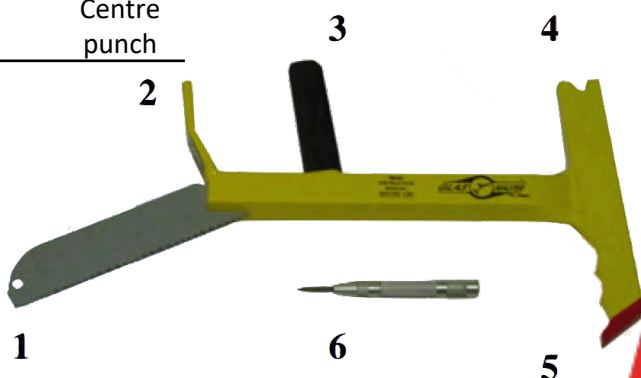
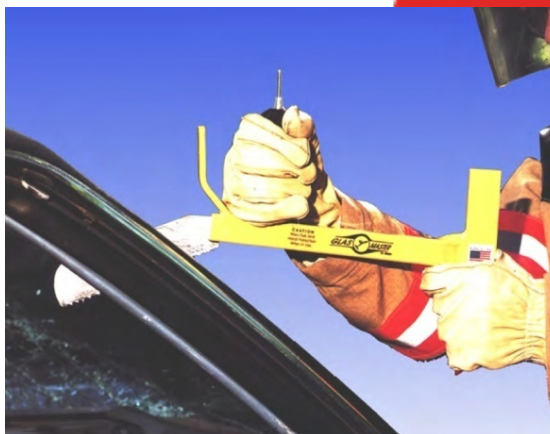
This tool was designed to remove laminated and bonded windscreens and all other types of windscreen:

- Quick: Takes less than 60 seconds to remove a windscreen
- Efficient: Rescue time is considerably reduced
- Easy to use: The GLAS-MASTER requires little force and only weighs 1.5 kg
- Safe: Danger to victims is minimized by avoiding additional injuries, because its blade is designed to work by “pulling”, so that the glass debris is expelled to the outside of the vehicle
- The GLAS-MASTER is supplied with a centre punch set in the front of the handle for toughened glass. A carbide tipped spike is in the rear of the handle to initiate an opening for the blade
- The rescue suitcase Ref. ES-GLASMASTER includes : 1 carrying suitcase
- 1 GLAS-MASTER tool, 1 belt cutter, 1 scotch roll with reel



### CARACTERISTICS

1	Cutting blade
2	Protection
3	Front handle
4	Rear handle
5	Carbide tip
6	Centre punch



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