

SPECIFICATION SHEET

FIREFIGHTING EQUIPMENTS

Fire equipments.

SIGMA 2 BREATHING APPARATUS

ART:

ZD-SCT1100



Ali Husein



DESCRIPTION SIGMA 2

Self Contained Breathing Apparatus

The Scott Sigma-2 is an open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, carrying harness and pneumatic system, consisting of a reducer with integrated cylinder connector, pressure gauge, whistle and demand valve.

The Sigma can be configured in a number of different ways with various sized single cylinders and the choice of Vision 3, Panaseal, Panavisor or Promask PP facemask.

Applications

The Sigma-2 is specifically designed as a Marine/Industrial Fire Fighting SCBA, but is also suitable for providing respiratory protection for any IDLH environment.

Approval Information

- CE marked in accordance with EN137:1998
- MED

Materials

Pressure Reducing Valve	Nickel Plated Brass
Rust Tube (Sabre Cyls)	Brass
Reducing Valve Seat	Polyamide (Nylon)
O-Rings	Nitrile, Silicone, EPDM
HP Pressure Gauge	Stainless Steel
HP Pressure Gauge Cover	Stainless Steel, Polycarbonate Lens
MP Air Supply Hose Fittings	Nickel Plated Brass
Facemask	Neoprene, Silicone or Procomp
Facemask Visor	Polycarbonate
MP Air Supply Hose	Chlorinated Polyethylene, fabric braid reinforcement, Nitrile liner
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve
Valve Handwheel (Sabre Cyls)	Glass filled Polyamide
Harness	Flame retardant polyester
Backplate	Glass & Carbon filled Nylon composite
Backpad	Flame retardant polyamide and closed cell Polyethylene foam
Cylinder Band	100% Kevlar
Strap Buckles	Flame retardant polyamide
Cylinder	Steel or Composite
Cylinder Valve	Nickel Plated Brass
Demand Valve Casing	Glass filled Polyacetal and Polyamide

Maintenance/Servicing/Cleaning

N.B. - Cleaning should only be carried out as specified in the user instructions.

Maintenance and Servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.



Technical Specifications

Tempest Demand Valve

Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from Polyamide and Acetyl with rubber seals and diaphragms.

First breath activation	-20 to -30 mbar
Peak flow performance	In excess of 500 litres/minute
Bypass flow	150 litres/minute nominal
Static positive pressure	1.0 – 4.0 mbar

Reducing Valve

First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer U-clips.

Outlet pressure

200 bar inlet	5.5 to 9.5 bar
300 bar inlet	6.0 to 11.0 bar
Pressure relief valve protected	Approx. 13.5 bar
Flow restrictor to gauge supply hose	<25 litres minute

Pressure Indicator & Warning Whistle

Bourdon tube type dial indicator
Heat and Impact resistant Polycarbonate lens
Safety blow-out vent in rear of gauge - accuracy:- +/- 10 bar between 40-300 bar

Hoses

Stainless steel swivel hose fittings

Medium pressure hose

Maximum working pressure	16 bar
Minimum burst pressure	80 bar

High pressure hose

Maximum working pressure	450 bar
Minimum burst pressure	800 bar

Packing Specifications

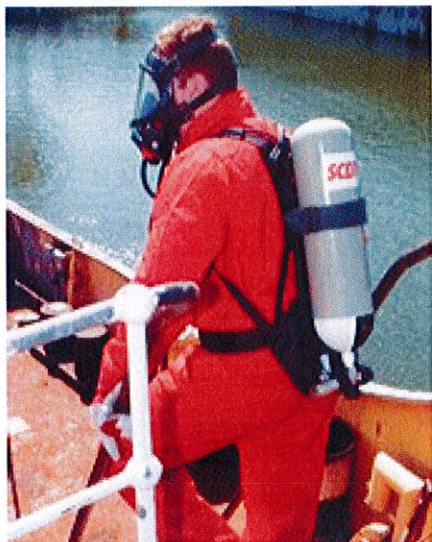
Single 69x41x28cm 5kg

Weight/Dimensions

Single configuration (less cylinder)	2.3kg
Single configuration & facemask (less cylinder)	3.0kg
Length	600mm
Width	278mm
Depth (with 6.0 litre 200 bar cylinder)	200mm



DATA SHEET



Sigma 2

The Sigma 2 is a low cost SCBA set giving the same high levels of respiratory protection as the Sabre Contour, but has been packaged to provide a simple and effective solution for use in industry, shipping and other non-firefighting environments.

Sigma 2's proven durability, reliability and appeal is confirmed by an extensive user base who demand a combination of maximum performance and true operational simplicity.

Key Features

- Proven high performance pneumatic system
- Compact first breath activated demand valve with bypass
- Ergonomically designed lightweight backplate and harness
- Flame retardant webbing with Kevlar cylinder band
- Wide choice of facemasks from the Vision 3, Promask PP and Panaseal ranges
- Corrosion resistant Nickel plated components
- Simple operation for users
- All components are user serviceable, low cost and easy to maintain
- Will accept wide range of 200 and 300 bar cylinders

CE marked to EN137 & EN139, AS1716, MED 'Shipswheel' approved

www.sabreh2s.com



ANGUS FIRE PUMP

PK 51100

LW2275 GM "BSRT 2.5" Inst.

Angus LW2275 Portable Fire Pump

Gunmetal Pump body tested to 20 bar

Gunmetal Impeller

Stainless Steel Frame, carrying handles

4 CYL Water cooled petrol engine

Overhead valve, Electronic Ignition

Fuel injection, Electronic Diagnostics

Hydraulic Teppets, Electric Start

Inlet 4" BSRT

Outlet: 2 x 2 ½" British instantaneous

2275 L/Min Nominal Flow

CE Marked

Exhaust Eject Primer

30L Fuel Tank

Inlet Compound Gauge (Glycerine Filled)

Outlet Gauge (Glycerine Filled)

Hour Meter

Battery State Indicator

Panel Lighting

Input / Output 12 VDC Electrical Point

Overheat Cut out control

Signature





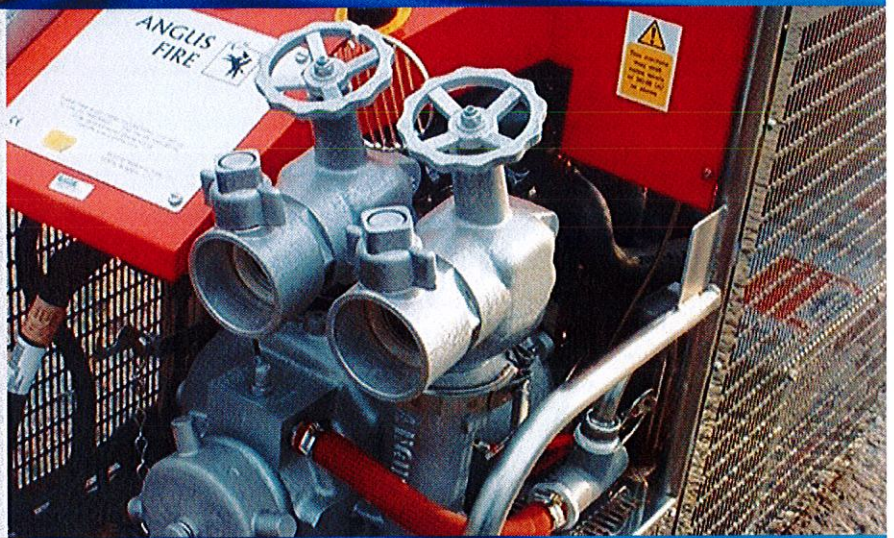
ANGUS FIRE

LW2275

Heavy Duty Portable Fire and Rescue Pump

Nominal Flow at 7 Bar
2275 l/min (500 gal/min)

The Angus LW2275 pump is a heavy duty portable fire or industrial pump that combines the benefits of high pressure fire fighting performance with the ability to move large volumes of water continuously.



Dual Performance

The LW2275 pump is tailored to applications where both high pressure fire fighting flow and low pressure flood prevention flow need to be accommodated in one pump. By working with Ford, and tailoring the engine power and torque curves, the pump delivers the optimum performance for applications in countries where flood prevention, fire fighting and rapid deployment are essential.

State of the Art Engine

Powered by the Ford TSG416 1.6L RoCAM 4 cylinder engine. Full electronic control with diagnostics utilising the new EDI EPM module uniquely programmed by Ford for Angus to match the pump power and torque parameters.

Corrosion Resistant Construction

Stainless steel used extensively on fabricated parts. Castings, including pump casing and impeller in corrosion resistant light alloy.

Electrical System

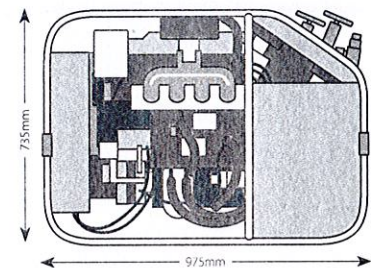
Electric starting is standard with a 12V negative earth system and 55 amp alternator. An ancillary socket is provided for external charging and to supply the optional lighting mast.

Cooling System

A closed circuit heat exchanger gives reliable cooling and is specifically sized for continuous operation in semi-tropical climates.

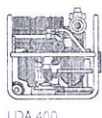
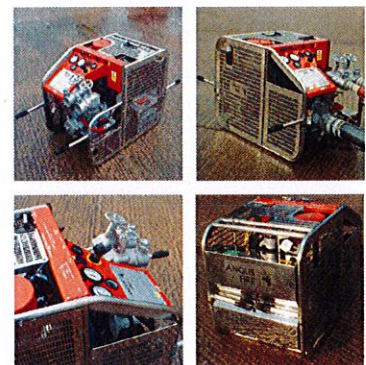
Standard Features

- Ford RoCam 4 cyl petrol engine with full electronic engine management system
- 12v electric start
- 30 litre (7 imperial gallon) fuel tank - 1¼ hour running at maximum load
- Fast and simple (one moving part) exhaust eject priming up to 7m lift
- Grade 304 stainless steel wrap around frame with folding carrying handles
- Light alloy, marine grade, corrosion resistant pump body and impeller
- Auxiliary electrical output and battery charging input
- Glycerine filled compound and output pressure gauges



Dimensions

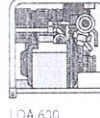
Length	975 mm (38½")
Width	610 mm (24")
Height	735 mm (29")
Weight	220 kg dry



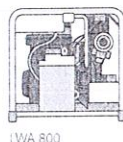
LDA 400



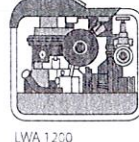
LWA 500



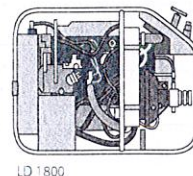
LDA 600



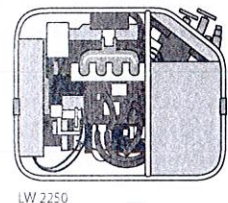
LWA 800



LWA 1200



LD 1800



LW 2250



ANGUS FIRE

Engine

Ford TSG 416 RoCam engine specially developed for Angus and approved by Ford for application in the LW2275 portable pump. 4 cylinder in line, 1,600 cc, overhead camshaft, petrol engine with sequential port fuel injection.

Electronic self diagnostic facility.

Five bearing steel forged crankshaft with vibration damper.

Overhead valve, pressure lubricated via crankshaft driven pump.

Die cast light alloy cylinder head and inlet manifold.

43 kW (57 hp gross) at 4,000 rpm.

Speed Control

Electronic governor and over speed protection with push button control

Cooling

Indirect water cooling via heat exchanger utilising pumped water supply (up to 40°C). Visual coolant (engine side) level indicator

Electromagnetic Compatibility

Magnetic compatibility HV spark system - complies with EEC directive 89/336/EEC

Electrical

12V negative earth system with 55 amp engine driven alternator
2 pin power outlet socket for auxiliaries and in vehicle battery charging

Battery

"Freedom" no maintenance battery
60 A/hr lead acid sealed unit

Starting

12V permanently engaged starter

Angle of Operation

45° from horizontal in any plane

Exhaust

Stainless steel silencer arranged to direct exhaust gas away from the operator's position

CE Marking

The LW2275 portable pump carries the European standard CE mark

Ambient Temperature Range

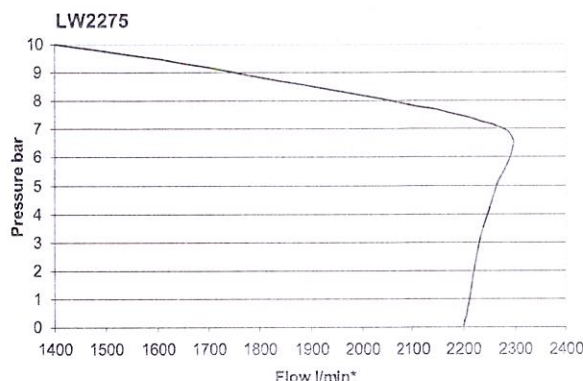
Full power operation -30°C+ (-22°F+) to +38°C (100°F)

Sound Level

102 dB at 7 bar outlet pressure

Frame

Corrosion-resistant 304 grade stainless steel outer frame and fabricated components
4 x Stainless steel fold away carrying handles lockable into position



Performance

Outlet Pressure*	Flow**
1 bar	2200
3 bar	2230
5 bar	2250
7 bar	2275
9 bar	1750
10 bar	1400

Pump

Twin delivery single stage centrifugal pump mounted directly to the engine.
Two bearing stainless steel shaft design.
Corrosion-resistant light alloy body and impeller cast from LM25
Maintenance-free, spring-loaded, carbon-faced/ceramic shaft seal
Drain point.
Stainless inlet strainer

Pump Clearances

All Angus pumps are fitted with an inlet mesh filter which is smaller than the minimum clearance size of the impeller
Inlet filter screen size 7 mm
Impeller clearance 11 mm

Pump Pressure Rating

LW2275 pump can accept input pressures up to 10 bar

All pump housings are designed to 1½ x the nominal rated maximum output pressure to allow for high input pressures when operating in relay

Priming

Vacuum exhaust ejector system 7m lift

Fuel Tank

30 litre (7 imperial gallon) - approx 1½ hours running at maximum load
Stainless steel tank with top filling cap and inspection point.

Inlet

Standard - 101.6mm (4") British Standard (to BS366) Round Thread male connection (with blank cap)

Outlet

Standard - twin rotatable manual globe valves, 2½" BS366 instantaneous female couplings

Instrumentation

Inlet - glycerine filled compound gauge, 100mm Ø, scale -1 to +9 bar
Outlet - glycerine filled pressure gauge, 100mm Ø, scale 0 to 25 bar
Engine hours run meter
Battery state meter

Safety

Engine overheat de-rating and shut down programme
Engine detonation protection
Low oil pressure and over speed shut down
Stainless panels guard all hot areas
All controls and gauges in one easy to use location
Panel light for night-time operation

Options

Wheeled pump transporter
Lighting mast
Emergency tool kit
Gunmetal pump body and impeller for marine applications
Inlet/outlet plugs and chains
Suction and discharge hoses, suction strainers and accessories
Trailer mounted pumps
Alternative inlet/outlet, Storz, US fire thread, BSP
2 year spare parts kit

Angus Fire is assessed by BSI and operates ISO 9001 Quality Management Systems and ISO 14001 Environmental Management Systems.

* Special oil may be required.

** Readings taken at position 1m horizontally from the controls and 1.7m vertically to represent the typical position of the operators head.

* Based on 3m suction lift.

** All flow data is subject to a +/- 5% manufacturing and testing tolerance.

Angus Fire has over 30 years experience of manufacturing portable pumps for use world wide in fire and industrial applications.

Angus Fire

Thame Park Road, Thame, Oxfordshire OX9 3RT, United Kingdom
Tel: +44 (0)1844 265000
Fax: +44 (0)1844 265156
E-mail: general.enquiries@angusuk.co.uk
Web: www.angusfire.co.uk

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Angus Fire



Completely Stocked Trauma Bag

Cordura® Trauma Bag features all the first aid supplies you'll need. Large main compartment divided into three sections along with a roomy front pocket plus two zippered side pockets. Dimensions: 20 1/4" L x 7" H x 11 1/2" D.

Topicals:

- ▶ 10 - Alcohol wipes
- ▶ 10 - Benzalkonium chloride Towelettes
- ▶ 1 - 4 oz. eyewash
- ▶ 10 - Iodine swab sticks
- ▶ 10 - Triple-Antibiotic ointment
- ▶ 10 - Vionex® wipes & dry towelettes
- ▶ 5 - Water-Jel® Burn Jel®

Gauze & Tapes:

- ▶ 6 - Eye pads
- ▶ 4 - Combine pads-5"x9"
- ▶ 10 - Gauze pads-2"x2"
- ▶ 10 - Gauze pads-3"x3"
- ▶ 10 - Gauze pads-4"x4"

- ▶ 2 - Tapes 1"-2"x5yds.
- ▶ 1 - Trauma dressing-10"x30"

Bandages:

- ▶ 4 - Conforming bandages - 2"x4yds.
- ▶ 2 - Conforming bandages-3"x4yds.
- ▶ 4 - Conforming bandages-4"x4yds.
- ▶ 1 - Elastic bandage-3"x5yds.
- ▶ 100 - Plastic bandages -3/4"x3"
- ▶ 2 - Triangular bandages - 40"x40"

Tools & Misc:

- ▶ 2 - Bio-Waste bags (1 gallon, 11"x14")
- ▶ 1 - Rescue Space® blanket 56"x84"
- ▶ 10 - Cotton applicator 6" 2pk.
- ▶ 2 - Disposable cold packs
- ▶ 1 - Blood pressure cuff

- ▶ 1 - Water-Jel® Burn dressing 4"x4"
- ▶ 1 - Airway (6 sizes)
- ▶ 10 - Ammonia inhalants
- ▶ 1 - CPR Microshield®
- ▶ 1 - Bulb syringe
- ▶ 8 - Gloves
- ▶ 1 - Penlight
- ▶ 1 - Bite stick
- ▶ 1 - Sam® splint
- ▶ 1 - Paramedic scissors
- ▶ 1 - Splinter forceps
- ▶ 1 - Stethoscope,
- ▶ 3 - Thermometers
- ▶ 1 - Glucose (15gm)
- ▶ 1 - Poison antidote kit

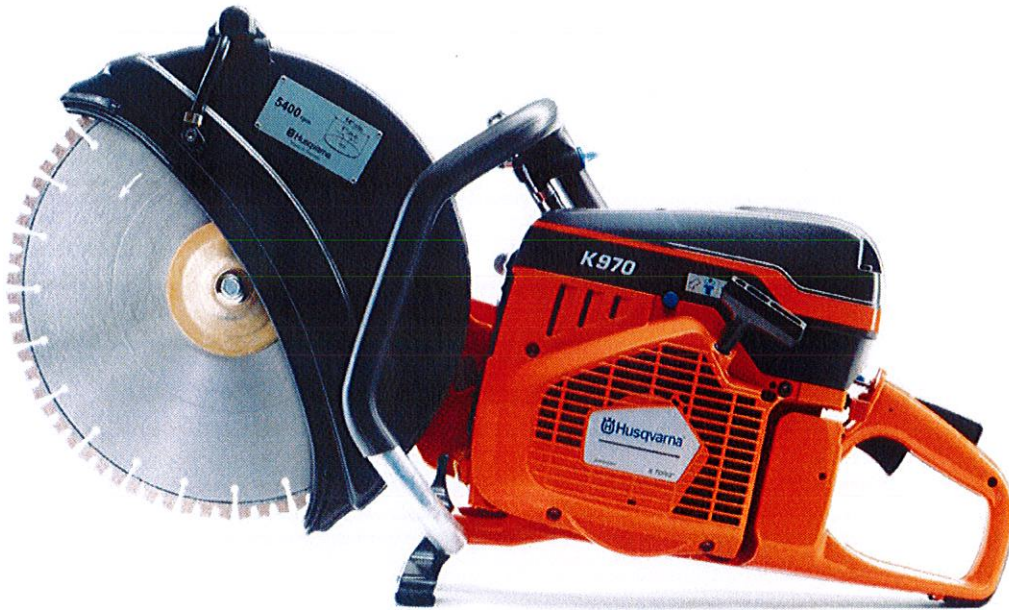
AM254 Stocked Trauma Bag



Signature



AR179 K-12 FD Fire Department Rescue Saw 14" Guard 95cc Gas Engine



AR179 Contains: Modified 94cc Partner/Husqvarna K970 94cc active 2 cycle gas engine. Fire Department modifications include: constant on "READY START" ignition switch, large "D" Handle starter grip, chrome plated blade guard with welded "D" ring for attaching saw sling and saw carrying sling.

Kit Includes:

- | | |
|----------------------------|-------------------------------|
| ▶ Partner/Husqvarna K-12 | ▶ Goggles |
| ▶ FD 94cc 14" saw | ▶ Spare belt & air filter |
| ▶ Steel case | ▶ Air filter oil & engine oil |
| ▶ Carbide tipped blade | ▶ Gasoline stabilizer |
| ▶ 2-Rescue abrasive wheels | ▶ Combo screwdriver/wrench |
| ▶ Safety gas can | ▶ Instruction manual |
| ▶ Hearing protector | |

- ▶ 95cc 2-cycle gas engine
- ▶ Lightweight - 22.7 lbs.
- ▶ Chrome blade guard
- ▶ Large "D" handle starter
- ▶ Carrying sling
- ▶ Reflective lettering

Signature





"V" Blade Rescue Knife

Cuts through seat belts. Precision made of high-strength aluminum alloy. Tip fitted with Dzus Key for opening aircraft panels. Will cut 10,000 lb. strength webbing with one stroke. *Ship. wt. 3 lbs.*

L470 "V" Blade
Rescue Knife

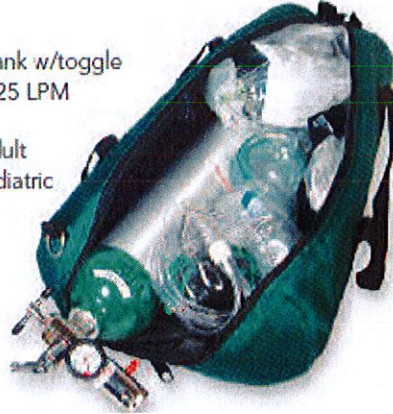
Ch. Hume



Oxygen Case

Designed for an ambulance company to provide extra protection for regulator. 1/2" foam padding, four inside pockets for tubing and supplies. Holds a D-sized tank. Imported. 1000D nylon in green. **Dimensions:** 21 1/2" L x 8" D.

- ▶ 1 - Oxygen cylinder D-sized tank w/toggle
- ▶ 1 - Oxygen brass regulator 0-25 LPM left handed
- ▶ 2 - Non-rebreather masks - adult
- ▶ 1 - Non-rebreather mask - pediatric
- ▶ 2 - Nasal cannula - adult
- ▶ 2 - Oxygen tubing supply
- ▶ 4 - Gloves (latex/vinyl)



BB081 Oxygen Case with Supplies

Signature





The SUPER BEAST

As the world's auto makers continue designing safer and stronger vehicles each year, the 10,500 psi SUPER BEAST generates unmatched force to handle these ever changing materials for years to come. With power like this, there's no need to learn the technique of "the work around". THE SUPER BEAST is tested and proven to handle the most demanding 5 star crash rated vehicles.

Features:

- ▶ Weight: 51.9 lbs
- ▶ Dimensions: 28.0"x12.5"x8.0"
- ▶ Operating Pressure: 10,500 psi
- ▶ Compatible with most high pressure systems
- ▶ Limited Lifetime Warranty

BL204:

- ▶ Type of Tool: Spreader
- ▶ Opening: 28.0" Spreader with 16.0" of parallel travel
- ▶ Accessories Include: 1 full size spreading head

BL205:

- ▶ Type of Tool: Scissor Cutter and Spreader
- ▶ Opening: 10.75" Cutter with 3.5" Power Notch; 28.0" spreader with 16.0" of parallel travel
- ▶ Accessories Include: 1 full size USAR cutting head and 1 full size spreading head for one low price

BL203:

- ▶ Type of Tool: Scissor
- ▶ Opening: 10.75" Cutter with 3.5" Power Notch
- ▶ Outfitted with Champion's patented laminated cutting blades with internal safety restraints
- ▶ Accessories Include: 1 full size USAR cutting head



	Multi-Tool	Cutter	Spreader
Type of Tool	Scissor Cutter & Spreader	Scissor Cutter	Spreader
Cutting Force	500,000 lbs.	500,000 lbs	
Spreading Force	140,000 lbs.	-	140,000 lbs.

BL203	The SUPER BEAST Cutter
BL204	The SUPER BEAST Spreader
BL205	The SUPER BEAST Multi-Tool

Signature



Darley First Aid Kit

Keep It Anywhere - 25 Person

- ▶ 30 - Antiseptic wipes
- ▶ 6 - First Aid/burn cream packets, .9 gm
- ▶ 6 - Triple antibiotic ointment packets, .5 gm
- ▶ 1 - Bottle 4 oz. eye flush
- ▶ 2 - Eye pads w. strips
- ▶ 12 - Pain relief tablets
- ▶ 1 - Instant cold pack
- ▶ 1 - ea. 40" triangular bandage
- ▶ 1 - ea. 4" gauze bandage
- ▶ 4 - Fabric knuckle bandages
- ▶ 5 - Fabric fingertip bandages
- ▶ 60 - Plastic adhesive strips, 1"x3"
- ▶ 1 - First Aid Guide (ANSI 2009 version)



- ▶ 1 - Scissors
- ▶ 1 - Forceps
- ▶ 5 - Sterile gauze pads, 4"x4"
- ▶ 1 - Large wound pad
- ▶ 4 - Nitrile exam gloves
- ▶ 1 - Roll 1/2" x 5 yd. adhesive tape

AG100

Darley First Aid Kit



Salvage Covers and Runners

Canvas Covers: Treated with a fire and water resistant finish. Meets requirements for California State Fire Marshall, NFPA-701 (large scale), and CPAI Section 6. Water-resistant finish and mildew inhibitors added.

Vinyl Covers: Excellent wear and tear resistance, waterproof. Meets California State Fire Marshall requirements, UL-214 Classified, ASTM-E-84, Class A Flame standard. Easily wipes clean.



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points

points

Salvage Covers

Cat#	Material	Size	Ship. wt.
J860	Canvas	12'x14'	15 lbs.
J861	Canvas	12'x18'	19 lbs.
J862	Canvas	14'x18'	22 lbs.
J857	Vinyl	12'x14'	20 lbs.
J858	Vinyl	12'x18'	26 lbs.
J859	Vinyl	14'x18'	30 lbs.

Signature



Gas Power Blowers

Tempest Gas Power Blowers are designed to provide the best value for fire and industrial applications. The direct-drive design allows for a smaller package and a lighter weight unit. Vibration problems that are common to most Gas Power Blowers have been virtually eliminated due to the use of higher quality, four-cycle gas engines, more precisely balanced and engineered impellers and vibration absorbing, spring-loaded rear "feet".

- ▶ **AirFlex Composite Impeller** - for superior performance without the engine blockage common to other blowers. This aerodynamic impeller delivers higher pressure with less distortion of the air cone - critical for effective PPV.
- ▶ **Turbo 2000 Shroud** - increases air velocity by up to 30% and keeps the Tempest signature air cone intact for superior performance and efficiency.
- ▶ **Roll-Cage Frame** - all Tempest blowers are manufactured with a lightweight, welded roll-cage frame which protects the fans shroud, blades and engines. The frames ergonomic design also allows for easy lifting and carrying.



Cat#	Size	HP	Engine	Dimensions	CFM	Wt.
AM118	16"	5.5	Honda	19"Wx19 1/4"Dx21 1/4"H	12,008	67 lbs.
AM120	18"	5.5	Honda	22 1/2"Wx21"Dx24"H	14,773	77 lbs.
AM122	21"	6.5	Honda	25"Wx21"Dx26"H	20,152	79 lbs.
BK038	16"	6.5	Briggs	21"Wx20"Dx22 1/2"H	11,541	77 lbs.
BK039	18"	6.5	Briggs	24 1/4"Wx21 1/2"Dx24 1/4"H	14,341	82 lbs.
BK040	21"	6.5	Briggs	25"Wx21"Dx26 1/4"H	18,025	87 lbs.
BK041	24"	6.5	Briggs	29"Wx21 1/2"Dx30 1/4"H	19,232	98 lbs.

Chris Power



Water-Jel Fire Blanket

A one-step system for Emergency First Aid on a burn victim. It puts out the fire, stops burn progression and cools the skin, eases pain, and protects against airborne contamination. Water-Jel Fire Blankets consist of a scientifically formulated cooling gel and a special carrier. The 100% worsted wool blanket is soaked in a water-based/water-soluble, bacteriostatic and biodegradable gel. The full size blanket adequately covers a patient or can be used to douse a fire or dangerous white phosphorous. *Dimensions: 5'x6'. Shelf life: 5 years. Ship. wt. 21 lbs.*



AA714 Water-Jel Fire Blanket

Signature



Combination Ladders

Functionally engineered for ease of operation as a step or extension ladder with dozens of uses. Compact design converts easily to extension ladder or "A" ladder. Accessible from both sides. Special heavy duty "A" bracket allows for quick, easy set-up. Meets NFPA.

Cat#	L	A-Ht	A-W	W	Wt.
P704	6'2"	5'10"	4'3"	20½"	27 lbs.
P705	7'4"	7'0"	4'11"	20½"	29 lbs.
P706	8'6"	8'2"	5'4"	20½"	33 lbs.
P707	9'8"	9'1"	6'5"	20½"	38 lbs.

Banking thickness = 6³/₈"



RIT Heat Resistant Search Line and Escape Rope

Rapid Intervention Teams (RIT)

face the most demanding and extreme conditions during search operations.

Overcoming extreme heat, ground obstacles, and poor visibility are just some of the hurdles faced when searching for and rescuing trapped firefighters

or civilians. Firefighter safety and survival has become an important focus and Sterling RIT Lines are an integral rescue tool in search and bailout operations.



RIT 900 6.8mm - 100% aramid fiber search line. Designed with a supple hand to enable long lengths of cord to be stuffed in a pocket or bag, deployed efficiently, and easily tied with directional knots. Heat resistant to 932F.

RIT 500 8mm - Heat resistant escape rope or search line. Aramid sheath provides heat and cut resistance and nylon core gives flexibility for packing and handling with gloved hands. Sheath is heat resistant to 932F. 5436lbs Tensile. Certified to NFPA 1983, 2006 edition for Escape Rope.

Cat#	Desc.	Tensile	150'	200'	300'
AS277	RIT 900	4,200 lbs.			

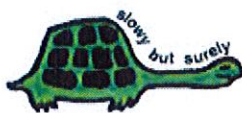
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Wheel Chocks

- ▶ Single comes with heavy-duty eye bolt
- ▶ Doubles are connected together with a lanyard so both wheels can always be chocked
- ▶ Color: "Easy-to-see at night" yellow
- ▶ Material: Recycled polyethylene which is resistant to petrol chemicals
- ▶ 5 year product guarantee
- ▶ Dimensions: 6"Wx4"Hx9.5"L



BE287

Single Wheel Chock

Signature





A. Sledge Hammers

- ▶ Durable, compact tool
- ▶ Hi-Viz lime or yellow handles
- ▶ Reflective striping to aid in low light
- ▶ Fiberglass handle
- ▶ Head is drop forged w/high carbon steel
- ▶ Made in USA

BH044	6 lb. Sledge Hammer 24"
-------	-------------------------

Chapman





Darley Pike Poles

White Ash Handle

Cat#	Length	Weight
M722	6'	5 lbs.
M723	8'	6 lbs.
M724	10'	7 lbs.

Ch. Hana





**Hog Ring Pliers, Compact, 1 Piece, Overall Length
7 in (~ 17.8 cm), Handle Spring Actuated With
Non-slip Rubber Inserts, Material Steel**

Signature

Signature

REGIONAL AIRPORTS
MINISTRY OF TOURISM



Chisel, cold 2.5cm

Ch. Hame



Easy-Fold Aluminum Stretcher

This Medical Corps type litter/stretchers is made with light-weight aluminum poles, and shaped hardwood handles. The cover is durable 18 oz. vinyl coated nylon. Patient restraint straps and replacement cover is available **Dimensions:** Open: 87"Lx22" W 4 1/2"H, Folded: 43 1/2"Lx22"Wx3 1/2"H. **Ship. wt. 14 lbs.**

AR225 Easy-Fold Stretcher



Chyama

August





Aluminized Complete Approach Suit

Designed for personnel engaged in maintenance, repair and operational tasks in areas of low ambient temperature up to 200°, or high radiant heat up to 2000°. The aluminized glass suit comes with 32" coat, hood with gold reflective faceshield, pants, gloves and boots. Will accommodate SCBA. Not for fire entry. *Ship. wt. 25 lbs.*



Cat# Description

S, M, L

XL

Signature



Fireline™ DELUXE™ Jumpsuit

The DELUXE™ Jumpsuit has the best features of our DELUXE™ Coat and Pant combined into one. Meticulously engineered to provide unrestricted freedom of movement and unsurpassed comfort and protection. Complete protection in a convenient one-piece jumpsuit.

- ▶ Full length two-way self-locking zipper front closure extends to the top of the collar and is covered by a self-fabric storm flap which secures shut with five
- ▶ Elasticized waistband with adjustable side take-up straps allow 4" waist adjustments
- ▶ Radio pocket on left chest with hook and loop flap closure and mic holder loop set above flap
- ▶ Cell phone/pager pocket on right breast with hook and loop flap closure and D-Ring loop at pocket bottom for hanging gear or gloves
- ▶ Extra deep front slash pockets with hook and loop flap closures to keep contents secure
- ▶ Two large rear pockets with hook and loop flap closures
- ▶ Gusseted leg cuffs are elasticized and have adjustable hook and loop closures
- ▶ Extra-long leg zippers allow easy donning and doffing with boots on
- ▶ 2" wide 3M Scotchlite™ Reflective Material -9587 Fluorescent Lime/Yellow Fire
- ▶ Meets or exceeds NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting (Current Edition)
- ▶ Meets CAL-OSHA Requirements – Passes Fed. Test 191, Method 5903.2; CAL-OSHA Sections 3406(d)

FIRELINE



ISO9001



Jumpsuits	
Size	Chest
Small	34"-36"
Medium	38"-40"
Large	42"-44"
XLarge	46"-48"
2XLarge	50"-52"
3XLarge	54"-56"
Size	Inseam
Short	5'4"-5'7 1/2"
Regular	5'8"-6'1/2"
Tall	6'1"-6'4"

SPECIFY SIZE: S-XXXL

S-XL

XXL

XXXL



FIRE-DEX® 911™
HELMET

Chapman





Darley Gold Gloves

Now with Gore Protection

- ▶ Offers unmatched comfort, protection and performance in an NFPA fire glove
- ▶ Gore RT7100 waterproof, breathable barrier system is the same proven technology used by many of the leading turnout gear manufacturers
- ▶ Every liner is sewn, seam sealed and 100% dunk tested
- ▶ Best in class technology means better dexterity, no liner pull-outs and performance even after exposures in hot structural environments
- ▶ Heavy weight Koala tanned outershell will remain soft after repeated soakings
- ▶ Made in USA

SPECIFY SIZE: S-XL, Jumbo



BB009

Signature

Signature

REGIONAL PORTS
MINISTRY OF TOURISM



Dead Body Bag

Signature





ANGUS FIRE

Target Fire Hose

- BS 6391 Type 3 construction
- Maintenance free
- Excellent weathering resistance
- Lightweight
- Good heat resistance



Outstanding performance

Strong yet lightweight, Angus Target Covered Hose has superior heat and wear characteristics due to its all-in-one construction. Resistant to abrasion, chemicals, oil, weathering, ultraviolet and ozone.

Value for money

Exceptional robustness and storage properties ensure Angus Target Fire Hose remains in operational service years after imitation products have proven to be false economies.

Low maintenance

Covered hose construction means that Angus Target can be wiped down after use and returned to storage without the need for drying. These excellent features ensure Angus Target outperforms all types of conventional hose.

Angus Fire quality and experience

Angus Fire's reputation for quality and performance is built into every length of Angus Target Hose. Manufactured under BS EN ISO 9001: 2008 Quality Management Systems, all stages of production and testing are controlled by Angus Fire.

Construction

Angus Target Fire Hose features a circular woven all-synthetic high performance textile reinforcement, totally encapsulated in a specially formulated high grade synthetic rubber.

Each length is manufactured under the controls of our BS EN ISO 9001: 2008 Quality Management System and to comply with the requirements of BS 6391: 2009. All raw materials

are fully tested and inspected to ensure product quality, reliability and consistent performance.

Applications

- Building protection
- General industry
- Municipal fire services
- Petrochemical plants
- Airports
- Military
- Power plants
- Harbours and jetties
- Shipping

Nominal Technical Specification

Diameter – inch/mm	1½ / 38	1¾ / 45	2 / 52	2½ / 65	3 / 70
Standard colour	Red	Red	Red	Red	Red
Weight (excluding couplings) kg/30m	9.0	11.0	12.8	17.0	18.3
Average short length burst pressure (bar)	52	52	52	52	52
Nominal 3:1 safety ratio – maximum advised working pressure (bar)*	17	17	17	17	17
Temperature range °C	-20 to +50				

* or maximum working pressure of attached couplings, whichever is the lower

Angus Fire

Thame Park Road, Thame, Oxfordshire OX9 3RT, United Kingdom
Tel: +44 (0)1844 265000
Fax: +44 (0)1844 265156
E-mail: general.enquiries@angusuk.co.uk
Web: www.angusfire.co.uk

Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.

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