



WELCOME TO OUR
Autumn 2019
NEWSLETTER

BUMPER SPECIAL OFFERS ISSUE

For 50 years K&S McKenzie has been serving customers across the UK from their own fleet of trucks and vans.



With a stock of over 250,000 items we aim to find you exactly *what* you need, *when* you need it.



OUR SERVICES

ADBLUE // BOC GAS // TORQUE WRENCH CALIBRATION
BRAKE RE-LINING // CHAIN & WIRE // GARAGE EQUIPMENT

Give us a call on **01228 528218** or visit us at
www.kandsmckenzieltld.co.uk



As the days draw in, we look back with a smile at the great summer that we had. Especially the trade shows we exhibited at - it is always great to catch up with old friends and new.

Thank you to everyone who came to see us at a show this year, we hope you enjoyed it as much as we did.

We know that any newsletter is only as good as its content, and this is where we need you!

Now we are into a new season, and as such it is time for the latest issue of our newsletter! This is a very special issue, as it is the first time we have published so many special offers via our newsletter. Head to **page 9** to view the dozens of items we have on offer.

Please contact us to let us know of any articles or products you would like to see featured in our next issue, or share feedback on this issue by emailing **info@kandsmckenzieltld.co.uk**.

*We hope you enjoy this **Autumn edition** of our newsletter!*

As well as all these fantastic offers we also talk about warning lighting on **pages 4&5**, hear from Chicago Pneumatic in our guest article slot on **pages 6&7**, and also share the latest legislation changes for strapping round timber on **page 8**.

Stuart and Alastair McKenzie

So what are you waiting for?! Sit back, relax, and enjoy this Autumn issue.

K&S McKenzie is one of the region's premier suppliers of warning lighting for vehicles and plant equipment.



With a specialist Electrical Division and in-house Technical Sales Team, we are able to supply full turn-key systems ready for you to install; from control panels and light units, to distribution and components to enhance or replace parts of your existing systems. We also supply CCTV and DVR camera systems and work lighting.



LIGHTBARS

From the smallest basic 1ft lightbar through to a full-width, digitally controlled lightbar for a heavy recovery unit, we are able to supply a huge range of roof mounted lightbars for your vehicles. Features such as traffic advisor, stop/tail/turn units, work lights and branded illuminated centre sections are available in a wide variety of our bars with many of them coming with a five-year warranty!



BEACONS

We carry a wide range of mounting options including, DIN Spigot, 1 Bolt, 3 Bolt and Magnetic, with some of our magnetic ranges being 250KMH TUV approved! These beacons are also available in various colour configurations - including green for those that utilise seatbelt safety systems.



DIRECTIONAL MODULES

At K&S McKenzie, we can supply a vast number of supplementary warning modules, from small covert units through to large panel lights suitable for larger traffic management vehicles. Modules are available in a wide variety of colours and pattern capabilities, with all our ranges having synchronisation functionality to give a uniform appearance to your fleet.



SWITCH PANELS

If you are likely to need a large number of lighting circuits on your vehicle, we can provide integrated switching systems that utilise non-damaging methods of mounting in the cab of the vehicle or plant equipment. These systems are often able to be configured with a one-touch activation system. If, however your needs are more basic, we can provide smaller switch panels right down to individual switches as per your requirements.

DESIGN SERVICES

Not quite sure what you need for your application, or just want some advice?



We offer a bespoke design service for your new or growing fleet, from simple spigot mounted beacons through to fully integrated blue light emergency vehicle systems. We will design both white work lighting and warning equipment for your vehicle on site to ensure suitable coverage and brightness, working with your workshop team or local installers to achieve a finished product.

CASE STUDY



K&S McKenzie's Electrical Division were recently chosen to provide turn-key systems to Cumbria County Council for both their Highways and Fire & Rescue divisions. We took our lighting demonstration vehicle to site and worked in conjunction with their fleet management team and the individual divisions. From this we developed a design that met all their requirements such as brightness, no-drill policy, and budget.

We supplied 35 amber vehicle kits to be fitted to Land Rover Discovery Sports, comprising of directional modules, lightbar, work lighting and switch panel from our Cell2 range with the whole kit warranted for a minimum of three years. These kits were packaged as a "one box kit" and supplied on a call-off basis as vehicles arrived.

We also supplied 12 blue light vehicle kits for the Discovery Sports and Ford Focus estates, comprising of directional modules, lightbar, work lighting, control system and siren from Whelen Woodway, with the kit warranted for five years. We worked on site with the installation team to program the digital control system ensuring full functionality and ease of use.

We are always available for any aftersales care and product support should the need arise, and with many products carried on the shelf, downtime is kept to a minimum. Our team are just a phone call away from any technical queries or questions you may have about our products.

CAUTION CAUTION CAUTION



Airline efficiency reduces 'down time' for your air tools!

A workshop with a well set up airline system for its compressed air tools will run a lot smoother as the tools used will perform to spec and reduce 'down time' on tool repairs.



When it comes to compressed air, higher isn't always better. A good starting point is to check if you have the correct sized FRL (filter regulator lubricator) for the tools you are using. Check the tools airflow requirements from the manufacturers guides to ensure that the FRL chosen is greater than the tools requirements. For example if you use a high accuracy non-impact nutrunner, like the Chicago Pneumatic Bluetork (often used on truck and bus long wheel nuts) with pre-set torques for around 900Nm that require high accuracy, your max air consumption could be around 19 l/s.

However, on smaller applications such as those within the engine compartment (oil pans, gearbox or clutch perhaps) you are likely to be using a small compact impact wrench such as the CP7732 with a lower max air consumption of 9 l/s (average 2.4 l/s).

The purpose of the FRL is simply this:

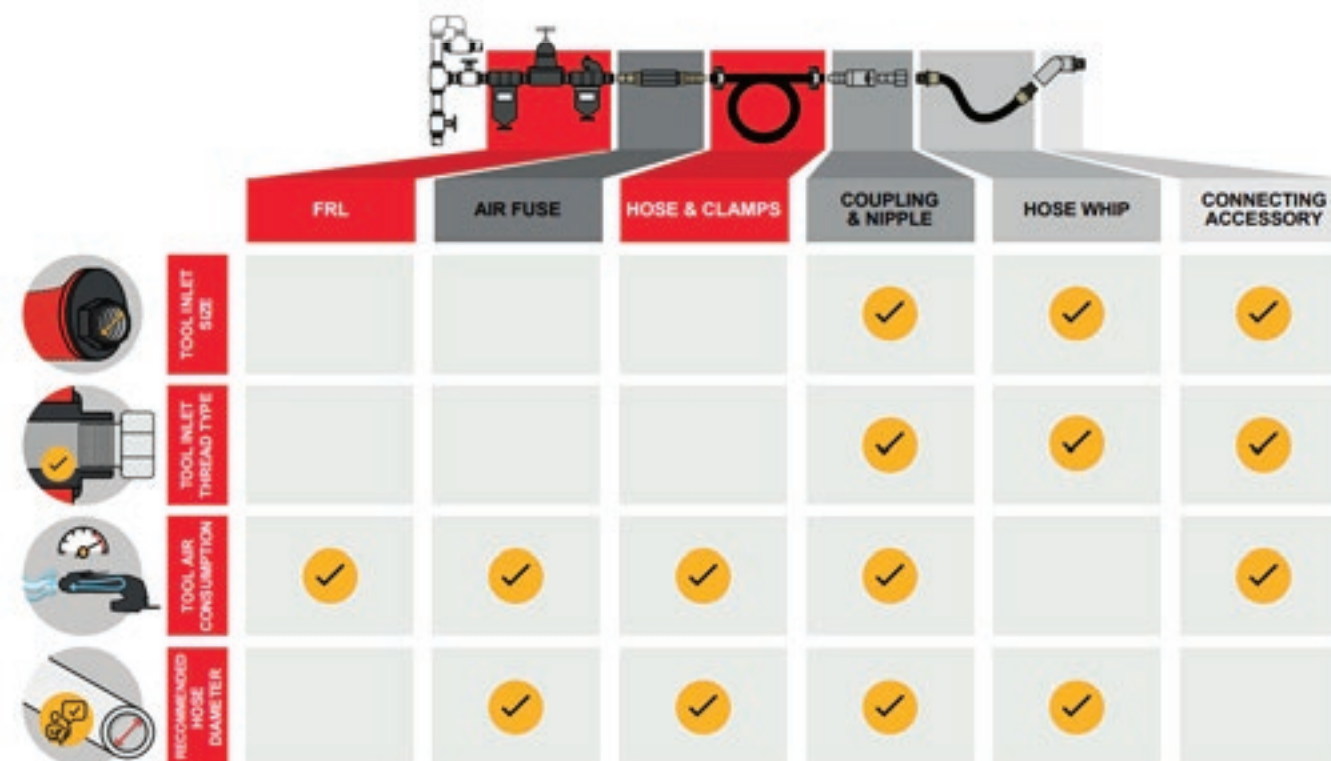
- The filter separates impurities such as solid particles that appear often in older airline installations that can contain rust particles and water. Chicago Pneumatic filters can separate up to 98% of water when operating within its range and have very low pressure drop.
- The regulator ensures that the pre-set working pressure remains constant regardless of pressure variations in the intake air or minor variations in the airflow rate. For example, a pressure of 1 bar higher than necessary results in a 16% increase in air consumption.
- Finally, the lubricator supplies airline oil in an oil mist to the air hose being used thus lubricating the tool in a controlled way prolonging its operating life and ensuring its efficiency in use.

It is also recommended that you use one FRL unit per tool so in the case of commercial vehicle workshops a portable metallic free standing FRL would be a good choice as it's robust and yet also provides flexibility in terms of where you're working within the workshop. For a busy workshop with commercial vehicles moving in and out the addition of an air fuse fitted directly after the FRL would be prudent.

This simple and compact safety item will shut off the air flow with immediate effect in the event of a hose being damaged in any way. Without the fuse such a hose (whilst fully charged with compressed air) could present a serious hose whip hazard within the work area.



Chicago Pneumatic's **three simple steps to air line setup:**



	FRL	AIR FUSE	HOSE & CLAMPS	COUPLING & NIPPLE	HOSE WHIP	CONNECTING ACCESSORY
TOOL INLET SIZE				✓	✓	✓
TOOL INLET THREAD TYPE				✓	✓	✓
TOOL AIR CONSUMPTION	✓	✓	✓	✓		✓
RECOMMENDED HOSE DIAMETER		✓	✓	✓	✓	

ONE

Calculate if you think there is a pressure drop between the FRL (filter regulator lubricator) and the tool inlet by reading the FRL gauge value and measuring the dynamic pressure at the tool's inlet. If there is a difference then it's a pressure drop, which is most often found between the pipe and the end of the tool.

TWO

Identify where pressure is being lost by checking that your accessories have been selected and installed properly. There are various points to inspect, including at the tool inlet, the couplings/nipples and hose connections as well as the FRL. To avoid pressure drops you want to make sure that accessories have the correct diameters and thread sizes/types and the hose used is not longer than required, and that the hose clamps are correctly tightened.

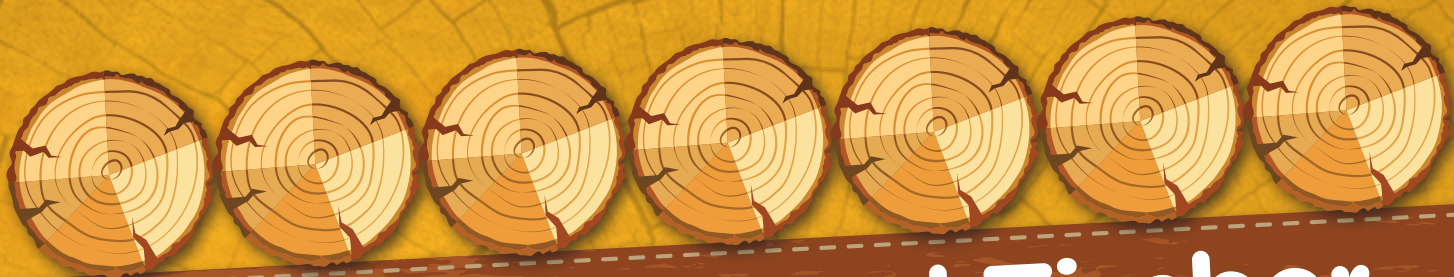
THREE

Final measurements and adjustments. Once you are confident that all accessories have been selected and installed correctly, measure once more the dynamic pressure at the tool's inlet. You can then adjust accordingly the FRL regulator to ensure you get a reading of 90 psi / 6.3 bars at the tool inlet.



To find out more visit www.cp.com and head to 'Expert Corner' where there is lots of advice and guidance waiting for you.

To speak to a member of our friendly team about your requirements give us a call on **01228 528218** or email info@kandsmckenzieltld.co.uk.



Strapping Round Timber

A new specification for timber haulage has recently been implemented

This new specification means that STF (Standard Tension Force) must now **meet or exceed 400daN** in order to comply with new timber strapping legislation.



An STF rating of 400daN is achieved by using a long-handled pull-down (ergonomic) ratchet, which can apply a greater tensioning force on the webbing.

In recent weeks the team at K&S McKenzie have been manufacturing ratchet straps in-house to the new timber haulage specification. Not only do all our straps meet EN12195-2, but we can now also display an increased STF rating of 400daN for timber haulage.

All the straps we manufacture are batch number controlled and regularly tested to ensure we continue to meet these regulations.

Our in-house facility is able to manufacture straps with various fittings and colours, at custom lengths, and in large quantities. We can also print your name on the webbing should this be required.



Contact us today to find out more about timber strapping legislation or to enquire about purchasing compliant ratchet straps. Simply call **01228 528218** or email **info@kandsmckenzielttd.co.uk**



AUTUMN

OFFERS!!

Dozens of fantastic offers inside...

GRAB A BARGAIN!

To order any of the offers within this issue call **01228 528218**, email **info@kandsmckenzielttd.co.uk**, or call in-store.





Warn M8274 Winch 12V Ce

was £2530.51 - **now £1999.99**

Product No: **ARB-88631**



Tough Hand Wipes Tub of 70

was £11.49 - **now £2.99**

Product No: **SWAR-TOUGH H/D WIPES**



Swarfega Orange 4L Pump

was £23.61 - **now £14.99**

Product No: **SWAR-ORANGE PUMP-4L**



Rubbolite Lens

was £17.40 - **now £8.99**

Product No: **FLEX 80873A**



Radiance Pod Red (pair) - R20202

was £121.70 - **now £85.00**

Product No: **FLEX R20202**



Rechargeable 360° Inspection Lamp

was £33.00 - **now £32.00**

Product No: **KSM50**



Coloured Cotton T-Shirt Rag Bale - 10kg

was £9.19 - **now £8.93**

Product No: **DM-RAGS**



New Safety Tread 30L Oil Absorbant Granules

was £10.14 - **now £8.50**

Product No: **SBA 30L PINK**



SDMO HX2500 Petrol Generator

was £540.75 - **now £399.00**

Product No: **SDMO-HX-2500**



Swivel Adblue Nozzle F00619030

was £61.93 - **now £45.00**

Product No: **CTS-F00619030**



Suzzara Blue Adblue Nozzle F14280000

was £281.82 - **now £199.99**

Product No: **CTS-F14280000**



15L Oil Only Spill Response Kit in Clip- top Carrier 70cm x 59cm x 5cm

was £14.04 - **now £7.50**

Product No: **ECO-H1290015**



VBG 795V-2 - Trailer Coupling

was £1544.73 - **now £1050.00**

Product No: **VBG-09-256100**



Space Warmer Paraffin/Kerosene/Diesel

was £724.95 - **now £399.00**

Product No: **SEAL AB2158**



Lithium EP2 - 400g Cartridge

was £2.13 - **now £15 per 12 box**

Product No: **I-0251/0295/4000**



Lithium EP2 - 500g Cartridge

was £2.96 - **now £40 per 20 box**

Product No: **I-0251/0295/5000**



To order any of the offers within this
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GRAB A BARGAIN!

Note: Quantities may be limited against some offers. All prices are excluding vat.



Dc Scene Light - R86610

was £82.78 - **now £66.24**

Product No: **FLEX R86610**



Equal Straight Connector Pm0410e

was £4.71 each - **now £10.00 for 10**

Product No: **JGC-PM0410E**



12mm Straight Connector

was £5.41 each - **now £10.00 for 10**

Product No: **JGC-PM0412E**



Needle Scaler

was £421.43 - **now £335.00**

Product No: **DES B21M**



1/2 Sd Impact Wrench

was £240.62 - **now £125.00**

Product No: **DES CP7732**



1" Impact Wrench

was £1035.96 - **now £499.00**

Product No: **DES CP7782TL-6**



1.0Mm Mig Wire 15Kgs

was £21.72 - **now £16.50**

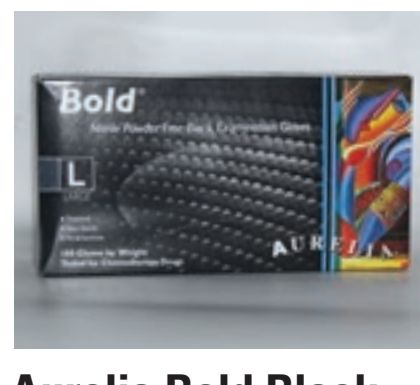
Product No: **1.0MM 15KG**



Duplex Sling 2ton 2mtr

was £13.63 - **now £7.00**

Product No: **MWL-FD2T2**



Aurelia Bold Black Nitrile NON Latex Gloves Pack 100 Large

£5.83 each box - **now £45.00 for 10 boxes**

Product No: **SM-73998**



1/2 Sd Impact Wrench

was £333.10 - **now £140.00**

Product No: **DES CP7748**



Oil Less Direct Drive Compressor S01/6 HP 1.5 Vento

was £135.00 - **now £99.00**

Product No: **FP-S S-A6BB304FPS534**



Lubricated Direct Drive Compressor ND2/50 CM2

was £339.00 - **now £145.00**

Product No: **FP-S S-FCDC404FPS503**



Impact Wrench 3/4 Sq.dr

was £748.07 - **now £335.00**

Product No: **DES CP772H**



1In Sq.dr. Impact Wrench Extended Anvil

was £1475.75 - **now £440.00**

Product No: **DES CP7778-6**



1/2 Cordless Impact Gun

was £900.22 - **now £475.00**

Product No: **DES CP8849**



Nb2800b/100/3M Tech

was £723.00 - **now £399.00**

Product No: **FP-S S-28FA504FPS009**



Workshop Belt Drive Lubricated Compressor NB38C/200 FM3

was £969.00 - **now £499.00**

Product No: **FP-S S-36LN504FPS014**



Nb5/200 Ft5 - Stationary

was £1419.00 - **now £775.00**

Product No: **FP-S S-N5LN701FPS017**

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Raptor Protective Liner - Black, 4ltr Kit

was £96.17 - **now £80.00**

Product No: **DVD-RLB/S4**



Swarfega Duck Oil 5L

was £43.61 - **now £19.99**

Product No: **SWAR-DUCK OIL 5L**



Dipetane 5ltr

was £52.50 - **now £50.00+ 1LTR DIPETANE**

Product No: **DMD-DP005**



Welding Helmet Auto Darkening

was £76.60 - **now £40.00**

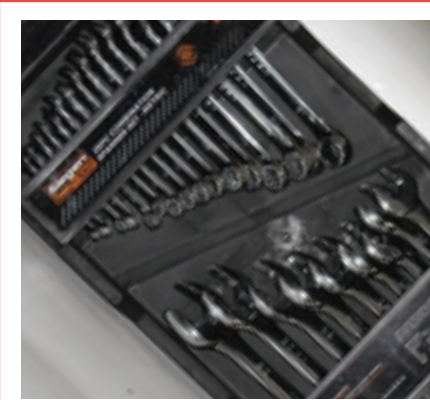
Product No: **SEAL PWH598R**



Navitek Red Side Vision S4 Airfed Wel/Grind System

was £636.00 - **now £475.00**

Product No: **W-S CR58S4**



Combination Spanner Set 25pc Metric

was £106.95 - **now £43.75**

Product No: **SEAL S0564**



Dipetane 1ltr

was £12.60 - **now FREE when you buy 5ltr**

Product No: **DMD-DP001**



K&S Mckenzie Screenwash 20L

was £42.24 - **now £42.24 +10L Screenwash**

Product No: **KSM-24 20L**



K&S Mckenzie Screenwash 10L

was £21.95 - **Free with KSM -24 20L**

Product No: **KSM-24 10L**



3/4 Inch Adjustable Torque Wrench

was £461.01 - **now £285.00**

Product No: **NBT-12009**



TigerSeal Black Cartridge 310ml

was £8.93 - **now £72 for 12**

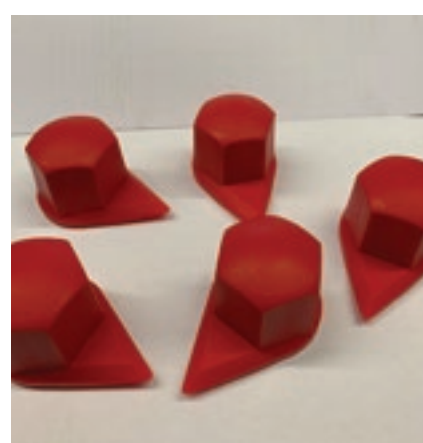
Product No: **DVD-TIG/B**



Dustite Indicators

was £1.00 - **now £0.64**

Product No: **KELL-DTLRSG32**



Dustite Indicators

was £0.88 - **now £0.64**

Product No: **KELL-KLTH0256R**



Trolley Jack 3tonne with Safety Lock

was £209.95 - **now £110.00**

Product No: **SEAL 3000LJ**

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T 01228 528218 F 01228 514430

EMAIL: info@kandsmckenzieltd.co.uk WEB: kandsmckenzieltd.co.uk

Millbrook Road, Kingstown Industrial Estate, Carlisle, Cumbria, CA3 0EU