

Tools of the Trade

Karl Seyfert

Auto-Darkening Welding Helmets

The XTP Professional Series of auto-darkening welding helmets is



available in two designs—the Patriot and the Red Rivet. The helmets are designed for the demands of low-amp TIG applications, darkening in $\frac{1}{16,000}$ of a second after arc start and featuring an internally adjustable auto-darkening shade (No. 9-13), as well as lens sensitivity and delay controls. All helmets in the XTP Series have a 3.81x1.85-in. viewing area with two independent arc sensors, are covered by a two-year warranty and weigh in at 11 oz. *Hobart Welding Products*

Circle #150

Inspection Lane Software

The next generation of WinSI software for the company's PC-based au-



tomated brake, sideslip and suspension systems now includes five new or updated capabilities that expand service and shop management and merchandising capabilities. An upgrade version of the software is available for shops with Hunter PC-based Inspection Lane equipment already installed. New WinSI software includes a work management feature that stores customer information, point & click inspection photos to illustrate service points, a result summary to generate a service report for

service managers and a last result display option that displays pass/fail status. The company's computerized drive-through inspection lane provides a complete brake performance, suspension analysis and wheel alignment test in three minutes. It measures vehicle components as they perform on the road, revealing service opportunities and needed repairs that are often overlooked or ignored. *Hunter Engineering*

Circle #151

Scan Tool Software

The ScanTool 4.3 vehicle diagnostics system is now available for



Windows, PocketPC 2002/2003 and Windows Mobile 5.0 OS software. The 4.3 release focuses primarily on closing the gaps in the company's existing domestic and Asian enhanced coverage. Highlights of the release include enhanced Chrysler-family CAN support, added Nissan CAN BCM support, built-in Report Viewing, 29-bit CAN support, GM Module Availability Test to warn a user if a system is not present on the vehicle, improved Nissan and Toyota enhanced CAN data rates by caching multipacket responses, Ford PATS key and remote transmitter programming, Module Availability Test to warn a user if a system is not present on the vehicle and improved feature activation process by reducing the steps involved. *AutoEnginuity*

Circle #152

Tool Storage Bags

The Tool Tote line has been expanded with two new multipocket tote



bags—a 17-pocket Tool Tote with a shoulder strap (No. 58890) and a seven-pocket Tool Tote (No. 58886). Constructed of 600x300 denier polyester, the bags are designed to withstand wear and tear on the job site and are water-resistant to avoid the buildup of mold and mildew. A molded bottom with drain holes prevents water retention. Both models have 2-in.-wide, 900-lb.-tested polypropylene carry handles with a leather wrap. A contoured, padded, slip-resistant shoulder strap (No. 58889) for hands-free movement is included with the 17-pocket Tool Tote and is sold separately for the seven-pocket bag. *Klein Tools*

Circle #153

Heavy-Duty Hand Cleaner

Power Scrub hand cleaner offers quick and easy cleaning of tough soils, grease, adhesives, sealants, tar, oil and more, according to the maker. It includes grit scrubbers and can be used with or without water. Its environmentally friendly formula is said to be safe for drains. The cleaner features a blend of essential



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oils plus lanolin and aloe to prevent skin peeling or cracking and to condition hands from multiple daily hand washings. The balanced pH formula also does not "burn" cuts or scrapes, claims the maker. Power Scrub is offered in several sizes, including new single-use packs, a 15-oz. individual bottle and a group-use 1-gal. pump bottle. *Federal Process*

Circle #154

heater and pump switches with lighted on/off indicators, a filter system to prolong fluid life, a flexible spigot and flow-through brush and a stainless-steel work shelf. Protection is provided by a ground fault interrupter. Two 5-gal. pails of Oil Eater cleaner-degreaser are included with the unit. A 25-gal. Oil Eater with the same features is also offered. *Kafko International*

Circle #156

casings that reduce vibration transmission to the hands and are warm to the touch. Included in the new tool range is the SSR 232, which develops 950Nm of torque. The ESR 154 St orbital sander offers variable speed and a hand-hugging form. A selection of die grinders and keyhole saws is also included in the Komposit range. *Kaesar Compressors*

Circle #158

18-Volt Cordless Drill

The CDR4850 18-Volt cordless drill delivers 450 in.-lbs. of torque and has



a 22-position clutch that allows users to dial in the desired torque. The single-sleeve keyless chuck simplifies bit changes, and the drill's VersaVolt battery system is interchangeable with all of the manufacturer's cordless accessories. It has heat-treated alloy gears and a patented airflow system that keeps the motor cool while the strong glass-filled nylon housing increases the tool's life and durability. The drill also features an ergonomic overmolded cushion grip and oversized contoured trigger for a comfortable feel. The versatile cordless drill is ideal for jobs both inside and outside the shop or garage, according to the manufacturer. *Snap-on Tools*

Circle #155

Leak-Detection Kit

The TP-8647 leak-detection kit features the OPTIMAX Jr mini fluores-



cent leak-detection flashlight for leak-checking hard-to-reach spots that are inaccessible to larger lamps. The flashlight has a 100,000-hr. LED bulb and is powered by three AA batteries. Also included are an EZ-Ject a/c dye injector with hose and couplers, an EZ-Ject universal a/c dye cartridge with Fluoro-Lite dye that services up to 14 vehicles, a 1-oz. bottle of Dye-Lite All-In-One oil dye that services up to two vehicles, a 1-oz. bottle of Dye-Lite coolant/auto body leak dye and fluorescence-enhancing glasses. Everything is stored in a plastic carrying case. *Tracer Products*

Circle #157

Pneumatic Cold Chisel

The No. 91975 pneumatic cold chisel has a .410-in. Parker shank, a 3/4-in.-



wide blade and is 18 in. long to allow access to hard-to-reach areas. The tool is designed to cut nuts, bolts, exhaust brackets, angles and frame members. *S & G Tool Aid*

Circle #159

Spline Sockets

This new line of standard-depth and deep spline sockets are made from air-



craft quality steel and can be used on spline fasteners, as well as on four-, six- and 12-point fasteners. The spline socket/fastener system offers higher strength in a more compact profile than conventional fasteners. When a spline socket is placed on a spline fastener, the geometric profile of the socket's 12 teeth provides a large contact area between the tool and the fastener. This lets the user apply more torque without damaging the tool or the fastener head. The precise fit between spline socket and fastener prevents rounding or breaking of fastener edges. Spline sockets can even loosen hex fasteners that have already been partially rounded, says the manufacturer. *Stanley Proto*

Circle #160

Aqueous Parts Cleaner

The Oil Eater water-based parts washer has a 45-gal. industrial-grade HDPE resin tank, which greatly reduces the need and cost of disposal service. The cleaning solution is heated to 110°F by a 1000-watt heater. Other key features include separate



Air Tool Line

The new Komposit group of air tools gets its name from fiber-reinforced

