# TK-01 Vacuums Newspaper Ink

The **VAC-U-MAX** Model TK-01 is a unique industrial vacuum cleaner designed for high-speed transfer of various liquids directly into a closed top 55-gallon drum. The TK-01 operates on plant compressed air and provides high suction that offers recovery rates at better than one-gallon per second. These units are compact and fit directly on the holes of a closed top, vacuum tight, 55-gallon drum. This unit also features the lowest compressed air consumption on the market today, only 35 SCFM @ 60 PSIG! They are designed increase plant efficiency and improve overall productivity. The **VAC-U-MAX** TK-01 saves time, money and is easy to operate.

TK-01 units can be used for coolant, cleaning out sumps, tanks, machine sludge, or any other viscous matter that must be disposed of in a 55-gallon drum. These unique vacuum cleaning systems eliminate any messy transfer by vacuuming the material directly into the drum. It also includes an Auto Vac cutoff, which prevents the operator from ever overfilling the drum.

When finished vacuuming, simply cap off and cart the full drums away by forklift. Once in drums, the material can be reused by sending it to be recycled or can simply be disposed.

A **VAC-U-MAX** TK-01 unit was purchased by the Roanoke Times in Roanoke, VA to vacuum up the excess, thick newspaper ink within the inkwells of printing presses. The Roanoke Times is the major newspaper for the city of Roanoke, as well as the surrounding towns. This daily newspaper has a circulation of approximately **115,000 papers a day**. The publication uses around **6000 gallons of ink every 5 weeks** and it is required that the printing press inkwells be cleaned out a few times a month to keep the presses running efficiently. Prior to purchasing the **VAC-U-MAX** TK-01 unit, the Roanoke Times utilized a dual ventrui air powered vacuum that was very loud, inefficient and did not have an auto vacuum cut off valve. This was a problem because frequently the ink would be sucked directly into the venturi system of the vacuum, causing the ink to clog the venturi and splatter onto the floor, walls and surrounding areas. Once the desired amount of ink was collected into the drum, the ink had to be transferred into a closed topped 55-gallon drum. From the initial 55-gallon drum, an air operated siphon pump transferred all the ink from the open top drum directly into the closed top drum. This process was inefficient, time consuming and very messy. This process was slow and the siphon pump would sometimes become clogged with the thick ink.

Alex Rose, a local **VAC-U-MAX** representative acknowledged their problem and recommended them to the **VAC-U-MAX**TK-01 unit. The workers liked the fact that it had much more suction than their previous twin venturi vacuum. It was

much smaller and easier to use. Their main praise was that there was no more mess to deal with. They simply would vacuum the viscous ink directly into the vacuum tight 55-gallon drums. When their clean up was done they simply capped off the drum and had it carted away by forklift. According to Jimmy Pagans, Newspaper Press Maintenance Technician for the Roanoke Times, the vacuum unit saves time and makes maintaining inkwells a much easier and cleaner job. In time alone, the vacuum cleaning system paid for itself within a couple weeks.

To better promote this product, begin by calling on and visiting local newspaper/magazine or other printing and other plants that use ink or coolant in their processes or any organization that can possibly benefit from directly vacuuming their waste liquid product directly into a closed top drum. This TK unit can handle liquids and coolant at rates better than a gallon per second (depending on the characteristics of the liquid). This is a unique part of our product line that can lend itself to almost any industry that uses closed topped 55-gallon drums. For more details on this specific vacuum cleaning system, please contact your regional manager.