



Lloyd & Bouvier offers over 30 years of expert rebuilding and design services for Wardwell 12, 16, and 24 carrier rotary style braiders. These are used for wire and cable manufacturing, textile braiding, and the medical industry. From large conductor cables requiring armor shielding with tape applied, to catheter size applications for the medical industry, our innovative engineering approach produces results for our customers.

Special carriers were designed and patented by Carter Lloyd, company president, for fine wire application of braid down to two ends of 44 awg wire. Smaller awg wire with higher end counts has been successfully braided. The patented carriers allow for each full bobbin to deplete with no wire breaks. Other fine wire braider enhancements, such as specialty take-up and pay-off tensioning, traverse modifications for

better winding of small diameter products, and gearbox modifications for pick coverages up to 120 ppi, allow for the successful braiding of catheter size products. Also, we apply special features for flat braid material to eliminate product chafing from occurring in a normal braid process. The combination of the fine wire carriers, flat wire carriers, and special tension take-ups provide for improved electrical characteristics of the braided material.

Lloyd & Bouvier is successful in incorporating planetary units placed under a braider, as well as placing taping units both under and above the braider head for special taping and cabling applications. The combining of cabling and taping processes with braiding eliminates secondary operations that take extra time and product handling. This is how we help increase productivity and reduce floor space requirements. Taping can also be incorporated into the braiding process before and/or after the braid application.

To discuss your braiding requirements, call Lloyd & Bouvier for a free engineering consultation. We have solutions for most special applications.

