

K80 SERIES HORIZONTAL AND VERTICAL STYLE BRAIDING SYSTEMS



Steeper USA braiders can be manufactured in any multiple of 4 carriers with the most common sizes being 8, 12, 16, 24, 32, 48, 64, 72, 96, & 144-carriers; up to 288-carriers.

Our machines are the workhorses for the medical industry. They are used in the production of:

- Catheters
- Leads
- and a variety of minimally invasive applications
- Stents
- Data Cables

Steeper USA machines assist our customers' product with designed flexibility, stiffness, kink resistance, improved torque response, and radial / hoop strength.

Our carrier design, which unrolls wire from a horizontally placed bobbin enables braiding the most tension sensitive materials without rolling or twisting.

Our machines provide a platform for the customization our customers need in connection with their high tech and demanding applications.

Our KL80D carrier will handle:

- **Wire Types:**
 - Stainless Steel, Copper, NiTi, Titanium, Platinum, Cobalt Chromium, and coated wires
- **Monofilament Fibers:**
 - Nylon, PET, PEN, PP, PEEK, and custom extruded fibers
- **Round Wire /Fiber Sizes:**
 - 0.0005" up to 0.010" (dependent on specified materials)
 - Multiple ends per bobbin
- **Flat Wire /Fiber Sizes:**
 - 0.0005" x 0.002" up to 0.003" x 0.008" (dependent on specific materials)
- **Multi Filament Yarns:**
 - Nylon, Polyester, PP, Dyneema, Kevlar, Vectran, Spectra, and custom extruded fibers.
 - Denier ranges from 5 – 1,500