

A needle mechanism of a sewing-and-overlocking machine includes a crank, con-rod connected to the first arm of the double-arm balancing lever and to the crank, a three-section con-rod connected to the second arm of the double-arm balancing lever and the balancing lever, and the sliding needle bar is kinematically connected to the three-section con-rod, and additionally it includes a cylindrical link connected to the sliding needle bar by a rotary kinematical pair, and the head of the three-section con-rod is arranged as a pin that forms with the cylindrical link a translational kinematical pair.