

A warp-knitting machine has comb with guide needles, mechanism for priming guide needles with guide link fixed on main shaft and connected to con-rod, cam mechanism of shift of guide needles with programmed cams and electric drive kinematically connected to main shaft, additionally it is equipped with spatial crank-and-rocker mechanism with second drive link fixed on main shaft, and with springy con-rod, parallel-side guides for shift, parallel-side guides for priming and fixed supports. Parallel-side guides for shift and parallel-side guides for priming are placed at both sides of the comb with guide needles in horizontal plane in normal to each other directions. Parallel-side guides for shift are placed with possibility of interaction with fixed supports, and mechanism for priming guide needles is equipped with slide, additional shaft and spring-supported link. Slide is connected to con-rod and is hinged on additional shaft on which spring-supported link is fixed, and cam mechanism of shift of guide needles by means of springy con-rod is kinematically connected to spatial crank-and-rocker mechanism.