

Welded steel meshes



Rämö Oy manufactures all the networks it sells in its own production plant. The production process is divided essentially into three parts: rolling, straightening and welding.

First, the hot-rolled steel wire is cold-formed and profiled. This forms cold-formed brush steel (B500K), which is used as a raw material for reinforcement meshes. After rolling, the wire is stored on a spool from which it is straightened and cut off with a straightening machine. The straightened wires are then welded to the nets mesh welding machine. Resistance spot welding is used as the welding method.

According to different customer plans and designed together with the customer in addition to reinforcement nets, we manufacture so-called standard nets.

The rod thicknesses processed in special nets are 5 ... 12mm and the minimum mesh size is 50x50. Longitudinal and the thicknesses of the transverse yarns may vary. The outer dimensions of the net can be 3,330mm wide and approx. 9 mm long 500 mm.

In addition to this, we also manufacture cold-formed, stainless brush steel (B600KX). In stock rod and standard net. We are also able to manufacture B600KX, FL30 nets in fixed dimensions and bent.

Various measurement networks include:

- band networks
- edge-reduced nets
- nets for reinforcing walls (on site or on site element factory)
- reinforcements for TT tiles
- reinforcements assembling various elements
- networks modulated in cast boxes.



The external dimensions of the standard net are 5x2.35m and the mesh size is 150 or 200mm. The wire thicknesses in the stored nets are 5..12mm. Standard nets should be used when reinforcing the area is less than 500 square meters or when delivery time is short.