## Needle Punch



This is Needle Punch thrusts the formed (by Cross Layer)Web with a lot of special neddles.

The special needles with whit projections 'barbe' come and go into the Web at high-speed.

By thickeness,length,the number of barbe or shape of a needle, depth of coming and going, properties of matter and a pattern changes.

(1) working width: 300mm ~ 700mm

(2) stroke : 75mm(3) speed :~150r.p.m.







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