



# THROUGH AIR BOND NONWOVEN PILOT PRODUCTION CAPABILITIES

## Through-Air bonded Nonwoven Pilot Production

To develop and conduct research on High Loft nonwoven materials, COE Indutech has established full production pilot Through Air Bonded machine. This pilot machine is capable of handling fibers from 1.5D to 6.0D with cut length 38 mm to 61 mm. As this machine is for product development, we have made it versatile enough to handle variety of fiber types that includes: PP, Bi-Co Fibers, PET, Nylon, Cotton, Jute, Flax, Recycled Shoddy fibers and So-on. As low as 5kg of raw material this machine is capable of making high loft nonwovens from 40 gsm o 200 gsm with max width of 0.6m and max. thickness of 30 to 40 mm. This set up does not have spray capability but with manual adhesive spray system, high loft with binder can also be produced.

For more information please contact [manufacturing.int@gapps.psgtech.ac.in](mailto:manufacturing.int@gapps.psgtech.ac.in)

