

INDUSTRIAL ECOLOGICAL SYSTEMS

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INDUSTRIAL ECOLOGICAL SYSTEMS Ltd. – designer and producer of Absorption - Biochemical Units (ABChU).

The fields of application of Absorption Biochemical Installations (ABChU) – purification of ventilating air at the industrial enterprises where synthetic resins are used: formaldehyde resin, phenol formaldehyde resin, furane resin. For example:

1. Woodworking: production of resin bonded chipboards, production of MDF chipboards, production of resin-bonded plywood.

2. Foundry production: production of foundry cores (Hot-box, Cold-box, Alpha set, Furan processes), pouring stations, cooling sections and mold knockout sections.

3. Production of mineral wool or glass wool.

4. Other processes: paper impregnation, production of cord fabric, etc.

In the above stated cases where the venting air always contains resinous substances, and in some cases the suspended substances (SiO₂, basalt fibers), there is no alternative to application of "water scrubbing" of air. All other "dry" filters (coals, catalysts, fibers, gas-discharge cells) break down within a short period of time.

ABCI standard sizes productivity by air - 5, 10, 15, 20, 25, 30 thousand m³/hour.

The main advantages of ABCI:

Confirmation of the fault-free performance are practical results of application of ABCI: now about 100 installations are being operated at plants in Russia, Belarus and Ukraine (today some of the units have been operating for up to 20 years).

The Company INDUSTRIAL ECOLOGICAL SYSTEMS Ltd. is looking for partners in joint production and marketing in EU entities.

Welcome to our stand!