NIPHA

Rotary Screen Drum Battery Condenser

SYSTEM FEATURES

The Battery Condenser collects the ginned lint from the lint flue, either directly from gins or from lint cleaners, seperates the lint from the conveying air and delivers the lint onto the lint slide in a batt form for feeding the Bale Press.

The Condenser employs a slow-turning screen-drum on which the lint forms into a batt that is discharged between a set of doffing rollers and the air passing through the screen on the durm is discharged out at one end.
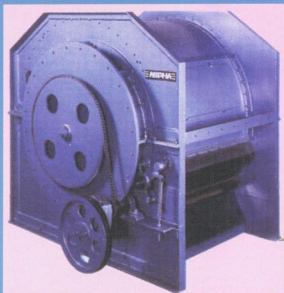
Drum speeds and sizes are varied to suit handling capacity and application.

NIPHA Battery Condensers for installation in lint flue system are normally of "over-shot" design with air discharge from one side only; however, to cater for special requirements, NIPHA also manufactures "under-shot" condensers for better disposal of large volume of air in high capacity plants and double manifold condensers to combat the problem of big ended bales.

NIPHA Battery Condensers are available is drum sizes 760 mm (30"), 1015 mm (40"), 1220 mm (48"), 1525 mm (60") and 1830 mm (72") dia and 1015 mm (40"), 1345 mm (53"), width

STANDARD NIPHA CONDENSER Model 'NBC'

ALTERNATIVE DESIGN

- ● NIPHA also manufactures special purpose condensers for miscellaneous cotton lint handling applications including charging of lint cleaners.

- ● "Optional" feaures in condensers include.

- Adjustable drum speed to avoid breaks in the batt inspite of time-to-time large variations in lint production.

- Provision of additional compacting rollers along with doffing rollers for enhanced lint feeding to Bale Press in plants provided with humidification of lint at lint slide.

- Humid air inlet between doffing rollers and compacting rollers.

- "Under-shot" design condensers and humid air application directly onto the cotton lint still on the screen drum prior to the doffing.

- Warm dry air from Humidair unit applied on the Screen Drum for keeping it clean and dry inspite of humidair impingement on the lint batt before doffing.

A proper design of Battery Condenser is imperative for proper formation of lint bales at the Bale Press.

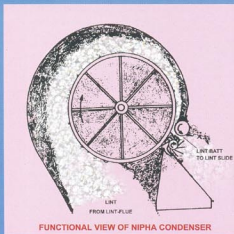Contact NIPHA for right selection of your condenser design.

FUNCTIONAL VIEW OF NIPHA CONDENSER

LINT BATT TO LINT SLIDE

LINT FROM LINT-FLUE

**A
QUALITY
PRODUCT
DESIGNED FOR**

- CAPACITY

- RELIABILITY

- TROUBLE-FREE OPERATION

- HIGH PERFORMANCE

- EASY MAINTENANCE

- LONG LIFE

NIPHA
An ISO-9001: 2000 Company