

Direct Contact Process Dryer Heat Recovery

ExTactorTM



The ExTactor: A contact column designed specifically for more challenging process heat transfer applications.

The Kinergetics ExTactor incorporates an “open column” direct contact design that will not plug or foul, both common issues with mass transfer packing columns.

The ExTactor has been used in custom heat recovery designs to preheat dryer inlet air, hexane in oil extraction, and with vapor recompression to generate process steam.

An example of an ExTactor installed on a DTDC process drying section (hexane seed oils extraction facility, South America)

Applicable Industries:

- ✓ Oil Seeds
- ✓ Dairy
- ✓ Ethanol & Biofuels
- ✓ Pulp & Paper

& more!



An ExTactor that has been efficiently integrated into a glass filter bead manufacturing facility. This integration helps reduce process steam for both hexane based oil extraction and glass bead manufacturing

Any recovered heat is used to off-set dryer gas and process steam use. System design contends with glass dust and particulates in the event of a baghouse filter failure upstream