



HAARSLEV™

Processing Technology

SPIN FLASH DRYER SYSTEM

Product brochure



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FOR RAPID, GENTLE MILLING AND DRYING OF ANY COAGULATED ANIMAL BLOOD, TO PROTECT HIGH-VALUE PROTEIN CHAINS.

The Haarslev Spin Flash Dryer System is a straightforward, reliable milling and air drying system that enables you to maintain the integrity of the high-value protein chains in coagulated animal blood.

APPLICABLE FOR:



- Independent renderers
- Slaughterhouses with rendering process lines
- Facilities that specialize in processing animal blood

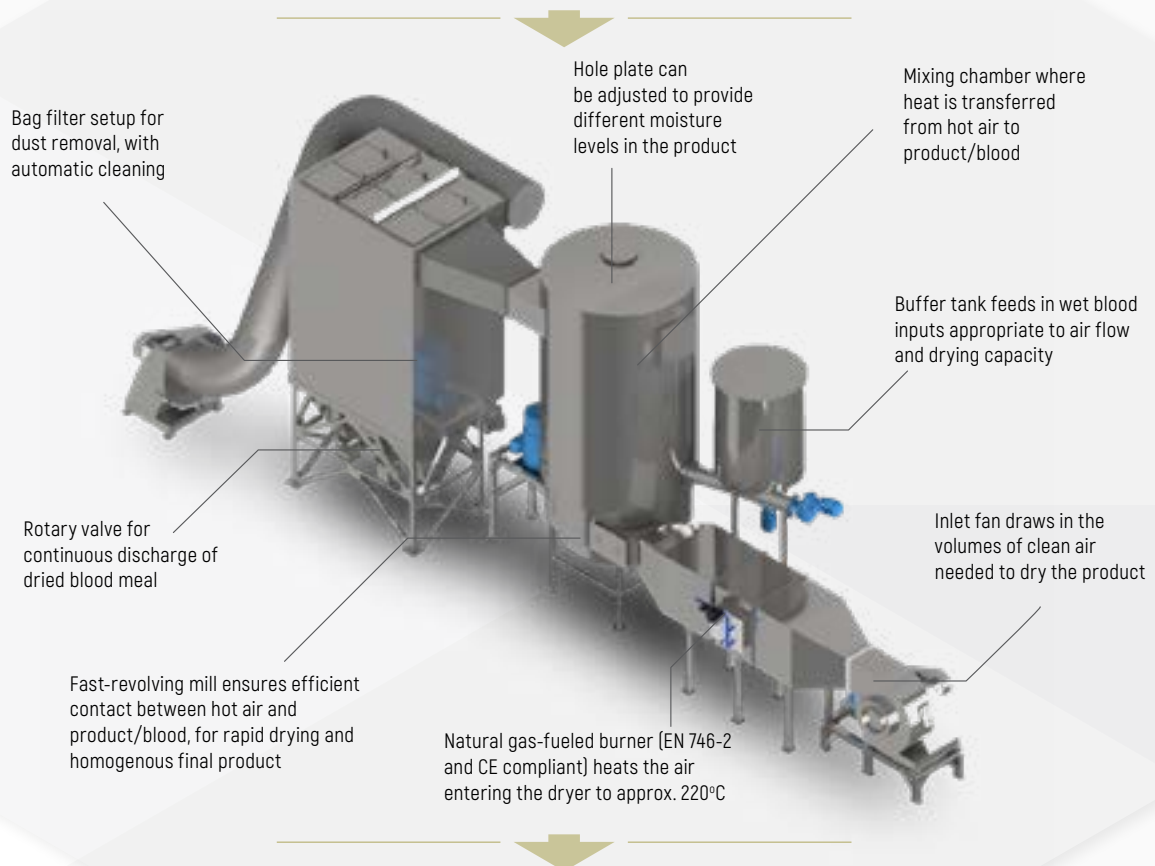
This fully automated EU standards-compliant integration of milling and drying operations differs from the vast majority of comparable installations by carrying out the milling before the drying. This maximizes thermal transfer between your inputs of coagulated blood and the surrounding 220°C air.

This means that the moisture content flashes off within one second, ensuring gentle, swift treatment of the protein chains that are essential for good meal digestibility and high commercial value.

BENEFITS

- The rapid drying ensures no damage or degrade of the valuable protein chains by excessive exposure to heat
- Blood meal output featuring consistent particle size and high digestibility
- No pressure vessels needed, helping to ensure low service and maintenance costs
- Significant energy savings compared to other drying systems that provide a similar-quantity meal output
- All-in-one milling and dryer setup means there's no need for a hammer mill and transport to/from the hammer mill
- Easy access for cleaning, inspection and service at all levels

COAGULATED BLOOD THAT HAS PASSED THROUGH A DECANTER CENTRIFUGE



BLOOD MEAL STORAGE SILO, OR OTHER PACKAGING/STORAGE FACILITIES

| TYPE | EVAPORATION CAPACITY (kg/h)/(lb/h) | | DIMENSIONS* (mm)/(ft-inch) | | | | | |
|--------|---------------------------------------|-------|----------------------------|---------|------------|--------|-----------|---------|
| | | | Length (L) | | Height (H) | | Width (W) | |
| SFDS02 | 200 | 440 | 8,700 | 28' 7" | 4,900 | 16' 1" | 2,400 | 7' 11" |
| SFDS06 | 600 | 1,322 | 14,600 | 47' 11" | 6,000 | 19' 9" | 3,600 | 11' 10" |
| SFDS12 | 1,200 | 2,645 | 17,300 | 56' 10" | 7,000 | 23' 0" | 3,800 | 12' 6" |
| SFDS20 | 2,000 | 4,410 | 20,000 | 65' 8" | 7,400 | 24' 4" | 3,900 | 12' 10" |

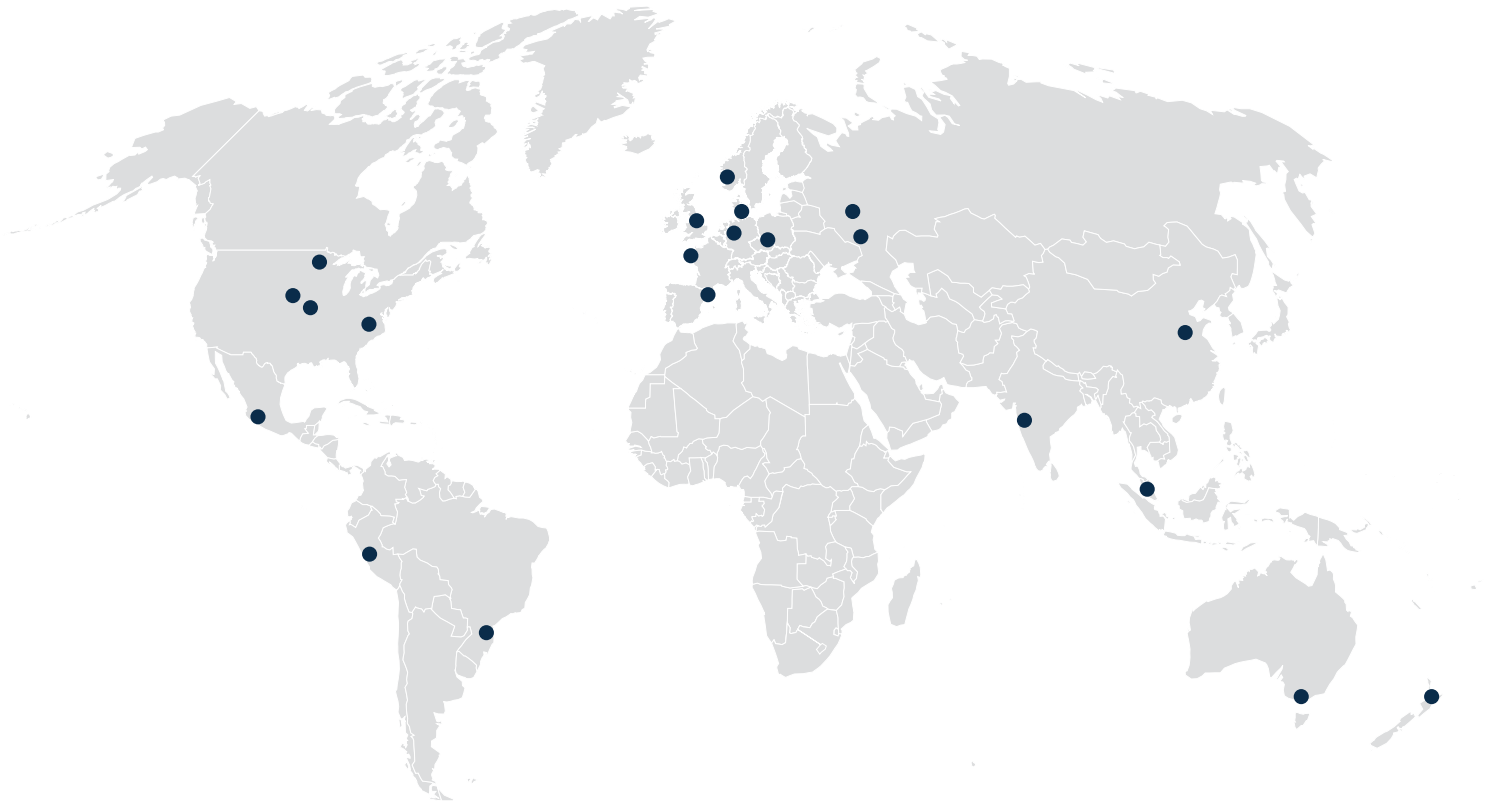
* All statements of dimensions are approximate.

We reserve the right to alter the specifications at any time without prior notice.



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PROCESS IS POTENTIAL

HEAD OFFICE

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