



HAARSLEV™

Processing Technology

**DISC
DRYER**

Product brochure



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DISC DRYER



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FOR CONTINUOUS DRYING OF
DE-FATTED FISH, ANIMAL OR
POULTRY BY-PRODUCTS.

A Haarslev Disc Dryer is the ideal solution for removing as much water as possible, as gently as possible, from coarser fish, animal or poultry by-products with a low fat content.



APPLICABLE FOR:

Haarslev disc dryers are ideal for drying products that include:

- Defatted animal by-products such as meat and bone
- Defatted fish by-products
- Hydrolyzed feathers
- Mechanically dewatered blood

Designed to use steam pressures of up to 10 bar, these dryers have become the solution of choice for coarser inputs featuring lower fat levels, because they make use of the natural fatty content in the material.

These sturdy, reliable units are built around a rotor consisting of a central shaft fitted with multiple steam-heated discs. These apply indirect heat over a very large area, in a compact design that quickly and effectively removes the evaporated water vapor. This means as much heat as possible gets transferred to the material in the dryer.

The dried material is discharged at the bottom, using a screw conveyor fitted with variable-speed drive. This can be adjusted independently of the dryer itself, providing maximum flexibility. Vacuum drying configurations are also available to provide exceptional end-product quality.

BENEFITS

- Relatively large heating surface provides exceptional evaporation in a compact design
- Good control of load level inside the dryer, making sure the rotating discs transfer heat as efficiently as possible
- Effective heat transfer because condensate is removed quickly
- Full control of drying processes enables you to boost yield and product quality
- Exceptional reliability and long service life thanks to cool-running, oil-lubricated bearings

**RELATIVELY HOMOGENOUS,
GRANULAR FISH, ANIMAL OR
POULTRY BY-PRODUCTS WITH
A LOW FAT CONTENT**

Full-length vapor dome reduces carry-over and separates solids from the evaporated water vapor

Scraper bars prevent material accumulating between the discs

Steam-heated, double-wall discs (featuring fewer exposed welds than any other design)

Removable covers provide easy inspection, cleaning and adjustment

Paddles on the edges of the discs agitate the material and move it through the dryer towards the discharge outlet

Material dried by direct contact with these discs, which are welded onto a rotating shaft

Discharge screw conveyor fitted with variable-speed drive ensures positive discharge

**DRIED FISH OR ANIMAL
PROTEIN MATERIAL,
READY FOR COOLING
AND MILLING**

TYPE	HEATING SURFACE (m ² / ft ²)		STEAM JACKET (m ² / ft ²)		POWER* (kW)/(hp)		DIMENSIONS(mm)/ft-inch						Weight** (kg)/(lb)	
							Length (L)		Width (W)		Height (H)			
1228	60	646	8	80	30	40	7,750	25' 5"	2,050	6' 9"	2,600	8' 7"	22,000	48,501
1242	90	969	12	131	45	60	9,700	31' 10"	2,050	6' 9"	2,600	8' 7"	27,000	59,524
1537	110	1,184	13	142	45	60	9,050	29' 9"	2,200	7' 7"	3,200	10' 5"	30,000	66,138
1542	125	1,400	14	153	45	60	9,750	32' 0"	2,200	7' 7"	3,200	10' 5"	33,000	72,752
1551	150	1,615	19	204	55	75	11,100	36' 2"	2,200	7' 7"	3,200	10' 5"	37,000	81,570
1850	215	2,314	24	258	75	100	11,100	36' 2"	2,560	8' 5"	3,500	11' 5"	52,000	114,640
2050	260	2,799	26	279	75	100	11,300	38' 4"	2,800	9' 2"	3,650	12' 0"	59,000	130,072
2064	320	3,444	34	312	90	125	13,250	43' 6"	2,800	9' 2"	3,650	12' 0"	67,000	147,709
2264	375	4,036	37	363	110	150	14,000	46' 0"	3,000	9' 11"	3,850	12' 6"	79,000	174,164
2550	400	4,306	31	306	110	150	12,200	41' 5"	3,300	10' 10"	4,150	13' 6"	84,000	185,188
2564	515	5,543	40	392	132	200	14,150	46' 6"	3,300	11' 9"	4,150	13' 6"	99,000	218,257
2578	595	6,405	49	527	160	250	16,150	52' 11"	3,300	11' 9"	4,150	13' 6"	120,000	264,554
2864	650	7,000	47	505	160	250	14,150	46' 6"	3,600	11' 9"	4,500	14' 8"	116,000	255,735

*Depending on application

**Based on 10 mm. discs and without vacuum

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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