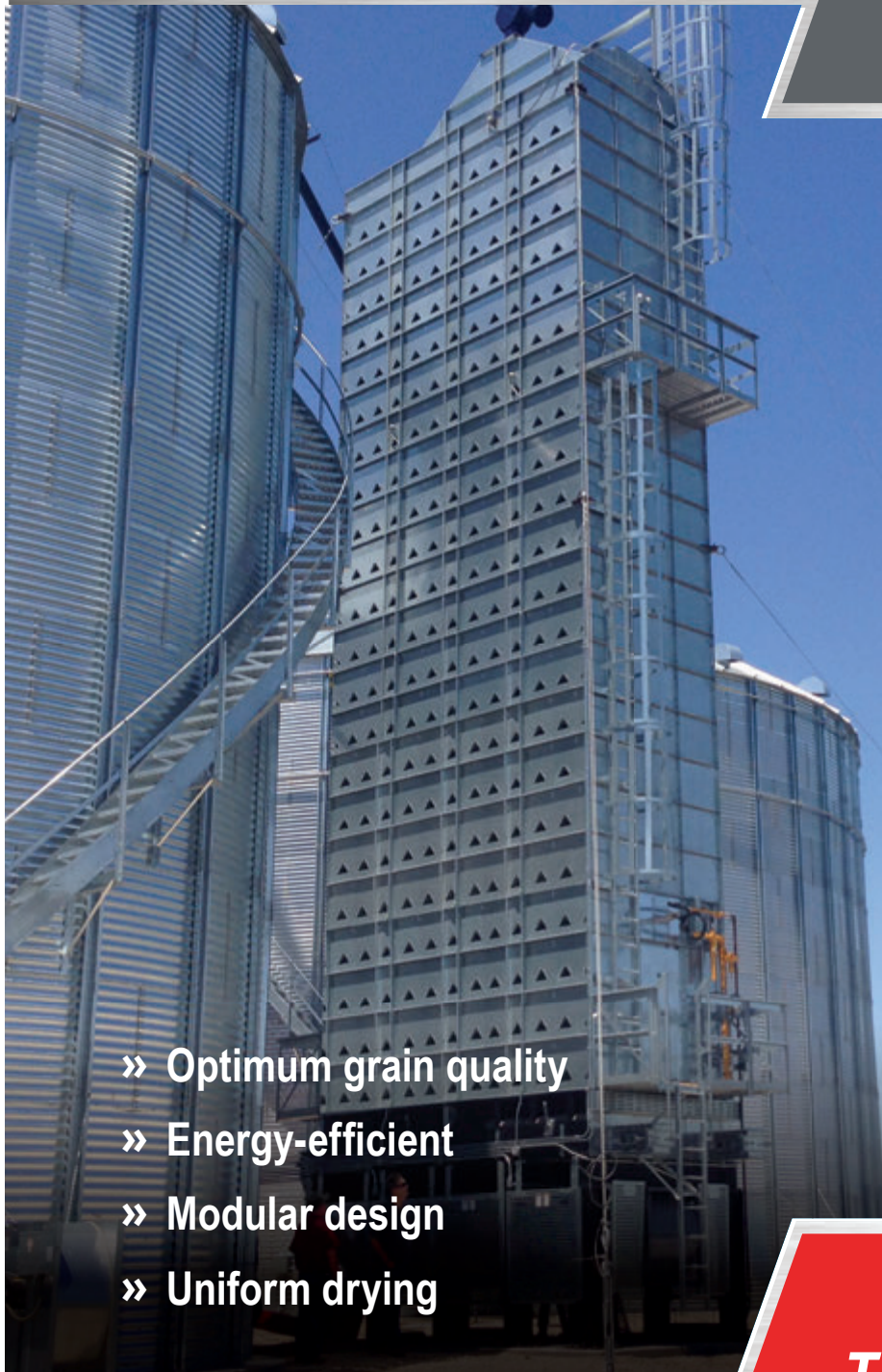




CONTINUOUS MIXED-FLOW DRYERS



- » Optimum grain quality
- » Energy-efficient
- » Modular design
- » Uniform drying



agri.chiefind.com

Trusted. Tested. True.®

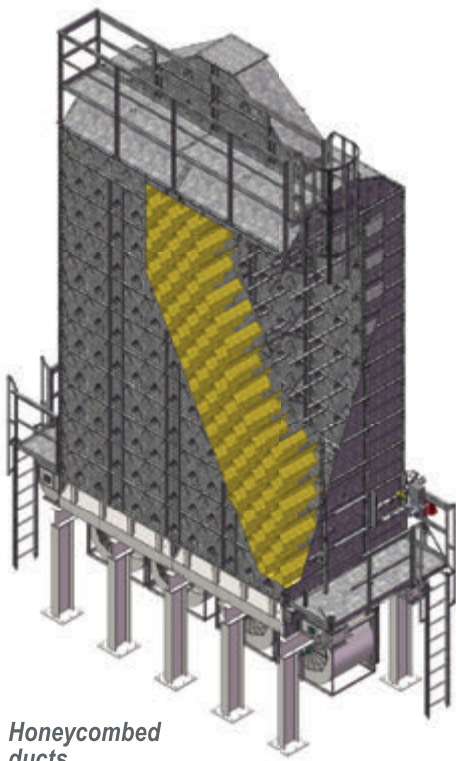
ADVANTAGES OF MIXED-FLOW TECHNOLOGIES

Caldwell Continuous Mixed-Flow Dryers yield big benefits

Continuous Mixed-Flow Dryers are used for drying commodities such as corn, wheat, soybeans, and rice, with a reputation for durability, energy-efficiency, dependable performance and advanced technology.

Preserves grain quality

The Continuous Mixed-Flow technology dries grain uniformly with less dispersion of outlet grain moistures. This results in grain of higher quality, improved test weight, and better storability.



Honeycombed ducts

Rather than the conventional screen drying method, grain is gravitationally separated and continually mixed as it cascades and gently tumbles around honeycombed ducts.

The larger holding capacity allows grains to be tempered and heated slowly. Longer retention time and gentle heating reduces the likelihood of grain cracking due to stress.



Dryer Master® moisture sensors

With the Caldwell Continuous Mixed-Flow Dryer and Dryer Master's® grain moisture technologies, the guesswork of drying is eliminated.

Greater energy efficiency

Caldwell Mixed-Flow Dryers provide 40-45 cfm of air per bushel.



Fan-under mixed-flow dryers

The fan-under Continuous Mixed-Flow Dryers offer capacities of 1,150 to 7,000 BPH (5 point dry and cool).



Maxon burners

Fuel-efficient Maxon Burners accept propane or natural gas. Single burner, gas train and ignition are standard on all models.



Easier to install and operate



Modular design

Modular construction allows for the sections to be delivered in stages, and offers attractive time and cost-saving assembly.



Remote touch screen control panels

The interactive control panel allows for ease of operation. Only a few settings need to be made prior to operation.



Conveyance unload system

Caldwell Mixed-Flow Dryers are unloaded by twin drag conveyors (one per column) powered by a single drive.

CONTINUOUS MIXED-FLOW DRYER SPECIFICATIONS

	Number of Tiers	5 Point - Dry and Cool (BU/HR)	10 Point - Dry and Cool (BU/HR)	Dryer Total Holding Capacity (BU)	Total Fan HP	Number of Fans (Under)	Linear Burner Length (FT)	Max Burner Output (MBTU/HR)	Approx. Fill Height (FT)	Approx. Discharge Height	Empty Weight (LBS)	Full Weight (LBS)
16' Dryer Models	10	1,150	750	1,408	40	4	14	19.6	37	59"	35,987	120,467
	11	1,200	800	1,509	40	4	14	19.6	39	59"	37,350	127,902
	12	1,300	850	1,610	40	4	14	19.6	41	59"	38,767	135,391
	13	1,400	950	1,713	40	4	14	19.6	43	59"	40,130	142,892
	14	1,500	1,000	1,814	60	4	14	19.6	45	59"	42,115	150,949
	15	1,600	1,050	1,915	60	4	14	19.6	47	59"	43,479	158,385
	16	1,650	1,100	2,016	60	4	14	19.6	49	59"	44,896	165,874
	17	1,750	1,150	2,118	60	4	14	19.6	51	59"	46,259	173,309
	18	1,850	1,200	2,219	80	4	14	19.6	53	59"	47,709	180,831
	19	1,950	1,250	2,320	80	4	14	19.6	55	59"	49,072	188,266
	20	2,000	1,300	2,422	80	4	14	19.6	57	59"	50,489	195,821
	22	2,200	1,450	2,625	80	4	14	19.6	61	59"	53,197	210,673
	24	2,300	1,500	2,827	80	4	14	19.6	65	59"	55,977	225,597
24' Dryer Models	10	1,700	1,100	2,175	60	6	22	30.8	40	59"	47,696	178,178
	11	1,850	1,200	2,327	60	6	22	30.8	42	59"	49,625	189,215
	12	2,000	1,300	2,478	60	6	22	30.8	44	59"	51,604	200,302
	13	2,100	1,400	2,630	60	6	22	30.8	46	59"	53,534	211,340
	14	2,200	1,450	2,782	90	6	22	30.8	48	59"	56,308	223,222
	15	2,400	1,550	2,935	90	6	22	30.8	50	59"	58,237	234,325
	16	2,500	1,600	3,087	90	6	22	30.8	52	59"	60,184	245,380
	17	2,600	1,650	3,238	90	6	22	30.8	54	59"	62,114	256,418
	18	2,800	1,750	3,390	120	6	22	30.8	56	59"	64,214	267,626
	19	2,900	1,800	3,542	120	6	22	30.8	58	59"	66,143	278,663
	20	3,000	1,900	3,695	120	6	22	30.8	60	59"	68,090	289,784
	22	3,300	2,100	3,999	120	6	22	30.8	64	59"	71,961	311,871
	24	3,500	2,300	4,302	120	6	22	30.8	68	59"	75,837	333,963
32' Dryer Models	12	2,700	1,700	3,401	80	8	30	42	47	59"	67,369	271,441
	14	3,000	1,900	3,807	120	8	30	42	51	59"	73,427	301,841
	16	3,300	2,100	4,212	120	8	30	42	55	59"	78,465	331,179
	17	3,500	2,300	4,415	120	8	30	42	57	59"	80,959	345,883
	18	3,600	2,350	4,618	160	8	30	42	59	59"	83,645	360,713
	20	4,000	2,600	5,023	160	8	30	42	63	59"	88,683	390,039
	22	4,400	2,800	5,429	160	8	30	42	67	59"	93,652	419,362
	24	4,600	3,000	5,833	160	8	30	42	71	59"	98,689	448,687
40' Dryers	16	4,100	2,600	5,337	150	10	38	53.2	58	59"	97,039	417,271
	18	4,500	2,900	5,844	200	10	38	53.2	62	59"	103,497	454,155
	20	5,000	3,200	6,350	200	10	38	53.2	66	59"	109,569	490,587
	22	5,400	3,500	6,857	200	10	38	53.2	70	59"	115,762	527,206
	24	5,800	3,800	7,365	200	10	38	53.2	74	59"	121,834	563,704
48' Dryers	16	4,900	3,200	6,173	180	12	46	64.4	60	59"	97,332	491,081
	18	5,500	3,500	6,780	240	12	46	64.4	64	59"	103,916	536,277
	20	6,000	3,900	7,389	240	12	46	64.4	68	59"	109,862	580,843
	22	6,500	4,200	7,997	240	12	46	64.4	72	59"	116,182	625,802
	24	7,000	4,500	8,605	240	12	46	64.4	76	59"	122,128	670,368

*Contact your authorized Chief dealer for more information regarding all dryer models. Other models available. Information upon request.

*Drying capacities represent Chief's best estimate of attainable wet bushel capacities based on a combination of calculations and field testing. Capacities will vary based on many factors including, but not limited to: kernel characteristics (such as test weight, initial moisture content, temperature, maturity, and variety/hybrid), ambient weather conditions, cleanliness of grain, and dryer operation. Information listed is to be used as a performance guide only. Chief does not assume any implied or expressed warranty of listed capacities.

Turn to Chief for all your Grain Conditioning, Material Handling and Storage Needs

Grain Bins



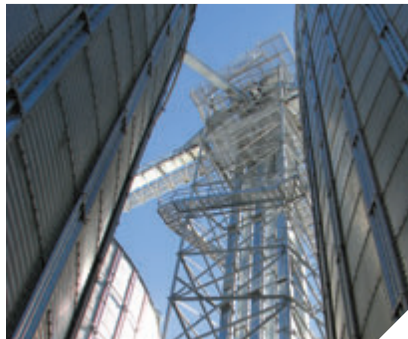
Material Handling Systems



Commercial Grain Dryers



Catwalk and Tower Systems



Lemanco Bulk Storage



Caldwell Aeration Systems



Chief Agri offers a comprehensive selection of grain bins, aeration systems, grain dryers, catwalks and tower systems, conveyors, elevators, grain probes, and Chief Lemanco square bins. Our full line of grain management products can complete your grain storage system, helping to minimize storage costs and maximize your profits. Our products are made to meet or exceed industry standards, using heavy-duty materials and efficient designs to provide dependable service for years to come.

Chief Agri is a division of Chief Industries, Inc. Established in 1954, Chief Industries, Inc. is a diversified organization providing a broad range of products and services through its many divisions and subsidiaries.

CHIEF

AGRI

P.O. Box 848 | Kearney, Nebraska 68848 USA
Phone (308) 237-3186 | Toll Free (800) 359-7600
Fax (308) 389-6703
agri.chiefind.com

06/17PC1K3/18