



# Commercial CD Dryers



Continuous  
mixed flow  
grain dryers for  
optimal drying  
performance



- » Custom-designed to your unique needs
- » Efficient, reliable commodity drying throughout the world
- » Easy to install and maintain

*We Engineer  
Relationships.<sup>®</sup>*

# THE CHIEF CD CONTINUOUS MIXED FLOW DRYER



## Why the Chief CD Continuous Mixed Flow Dryer is used around the world!

With standard dryer capacities ranging from 354 to 12,836 bushels/hour, Chief CD Dryers are used for a wide variety of commodities including wheat, corn, rice, coffee, cocoa and more. The requirements of your dryer will be carefully assessed, assuring you of operation regardless of most environmental conditions, including extreme climates.

## Consistent uniform airflow

Chief CD Dryers assure even temperature and airflow for optimum drying results.

## Built for years of continuous use

Chief CD Dryers are constructed of high quality steel, with its exterior covered in plastisol galvanized sheeting to add many years of dependable service. All components are engineered for maximum longevity.

## Touch screen operation

Our standard Schneider touch screen PLC control panels offer maximum visualization and can be read in several languages.

## Easy installation

Chief CD Dryers are shipped in preassembled modular units and feature completely bolted construction.

## Reduced maintenance

The Chief CD Dryer requires minimal cleaning and maintenance resulting from its 'clean' design inside and out.

## Environmentally considerate

Our team of dryer experts will carefully consider the environmental concerns of your specific locality, including the height, noise, dust, color or air quality.



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# CHIEF CD DRYER FEATURES

## Control Panel



- Schneider touch screen PLC as standard
- 7.5" standard screen size
- Schneider visual control equipment
- Maximum visualization
- Multi-lingual
- Options:
  - » 11.81" premium screen
  - » Modem for text
  - » Remote monitoring
  - » Control of complete grain facility

## Installation



Installation is easy thanks to the Chief CD Dryer's pre-assembled modular components.

- All bolted construction
- CAD build drawings for each dryer
- Solidworks 3D illustrated installation instructions
- Worldwide multi-lingual installation engineers

## 1 Cladding



- Plasticol, galvanized sheeting
- Color to customer's preference
- Hot air column thermally insulated

### Cladding color options:



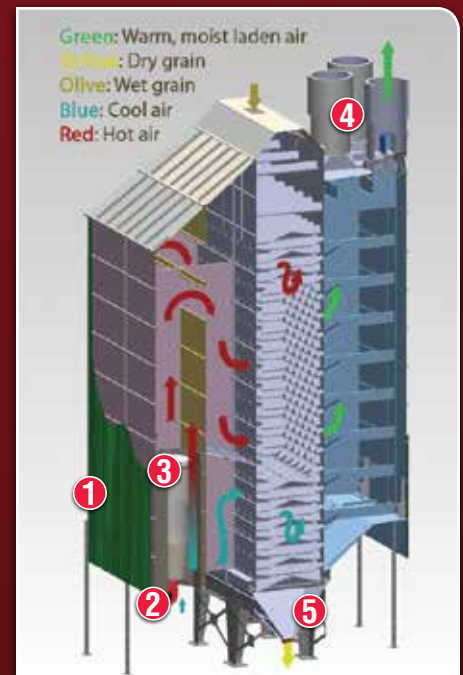
## 2 Burners



- Fully modulating gas burners including gas trains

## 3 Firing

- Direct within high-grade stainless sheet combustion chambers



## 4 Fans



- Standard high-efficiency axial fans
- Vertical or horizontal
- Standard silencing to 80dBA @ 3.28'
- Additional silencing available
- Options:
  - » Variable speed, dust collection fans

## 5 Discharge

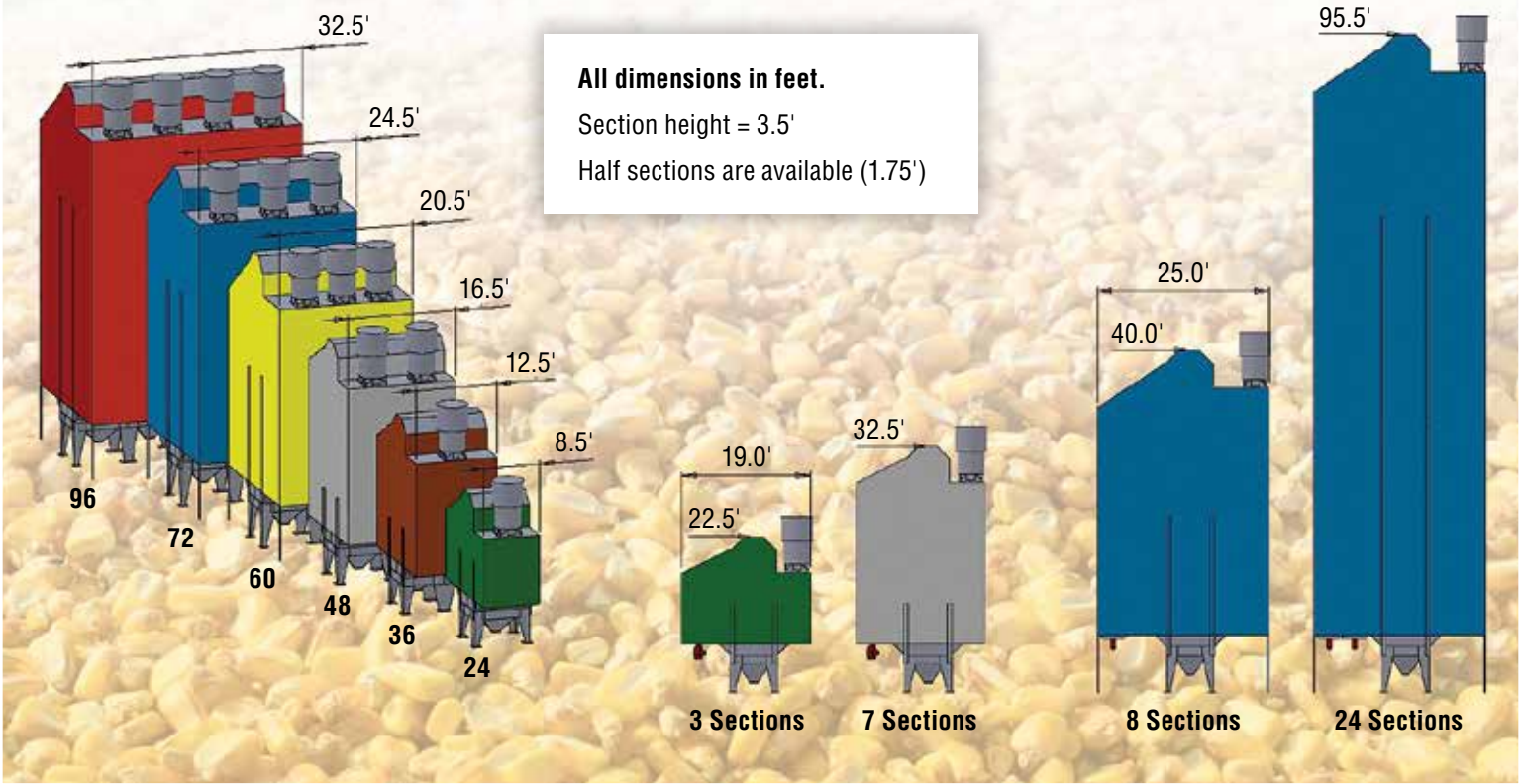


- Full width pneumatic pulse action
- Including compressor as standard

## WIDTHS

## HEIGHTS

**All dimensions in feet.**  
 Section height = 3.5'  
 Half sections are available (1.75')



# CD DRYER CAPACITIES

(BASED ON DRYING CORN 20% - 15%)

Model	Number of Sections																							
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
24	354	532	669	807	945	1063	1201	1339	1477	1614	1733	1890												
36	591	807	1004	1201	1418	1614	1811	2008	2205	2402	2618	2815	3012	3229										
48	807	1063	1339	1614	1890	2146	2402	2678	2953	3229	3485	3741	4016	4292										
60		1339	1673	2008	2343	2678	3012	3347	3682	4016	4371	4686	5040	5355	5709	6024								
72			2008	2402	2827	3209	3623	4016	4410	4804	5237	5631	6024	6418	6812	7245	7639	8033	8426	8859				
96				3229	3780	4292	4804	5355	5906	6418	6969	7481	8033	8584	9096	9647	10159	10710	11261	11813	12324	12836		

 Bushels/Hour

Please contact us for specific dryer sizing to fulfill your requirements.



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