

INFINITY SERIES SPECIFICATIONS & CAPACITIES

MODELS	CF 320	CF 420	CF 520	CF 620C	CF 720	CF 730	CF 820	CF 820C
Holding Capacity (bu)	200	281	375	375	375	470	562	562
Grain Column Thickness	12"	12"	12"	12"	12"	12"	12"	12"
Grain Column Length	8'-0"	12'-0"	16'-0"	16'-0"	16'-0"	20'-0"	24'-0"	24'-0"
Burner Capacity, heat+cool (MMBTU/hr)	2.00	2.23	2.58	NA	3.23	3.81	4.41	NA
Burner Capacity, all heat (MMBTU/hr)	2.99	3.42	3.97	3.88	5.67	7.13	7.73	4.77
Fan(s) Configuration	1 Axial	1 Axial	1 Axial	1 Centrifugal	2 Axial	2 Axial	2 Axial	1 Centrifugal
Fan Motor Size	10 HP	15 HP	20 HP	20HP	10HP/7.5HP	15HP/10HP	20HP/10HP	30 HP
Level Auger Motor Size	NA	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP
Unload Auger Motor Size	1.5 HP	1.5 HP	1.5 HP	1.5 HP	1.5 HP	1.5 HP	1.5 HP	1.5 HP
Operating Height (on skids)	15'-2"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"
Overall Length	16'-6"	20'-6"	24'-6"	24'-6"	24'-6"	28'-6"	32'-6"	32'-6"
Overall Width	7'-5"	7'-5"	7'-5"	7'-5"	7'-5"	7'-5"	7'-5"	7'-5"
Electrical Load (230V/1ph/60Hz)	92 Amps	136 Amps	152 Amps	152 Amps	142 Amps	176 Amps	193 Amps	NA
Electrical Load (230V/3ph/60Hz)	68 Amps	93 Amps	108 Amps	108 Amps	96 Amps	118 Amps	133 Amps	136 Amps
Capacity, Shelled Corn, heat + cool (bu/hr, 25%-15% w.b.)	up to 120	up to 165	up to 215	NA	up to 215	up to 295	up to 375	NA
Capacity, Shelled Corn, heat + cool (bu/hr, 20%-15% w.b.)	up to 185	up to 265	up to 325	NA	up to 325	up to 415	up to 510	NA
Capacity, Shelled Corn, all heat (bu/hr, 25%-15% w.b.)	up to 200	up to 255	up to 400	up to 400	up to 400	up to 485	up to 575	up to 575
Capacity, Shelled Corn, all heat (bu/hr, 22%-15% w.b.)	up to 290	up to 400	up to 510	up to 510	up to 510	up to 655	up to 805	up to 805
Capacity, Shelled Corn, all heat (bu/hr, 20%-15% w.b.)	up to 325	up to 445	up to 565	up to 565	up to 565	up to 730	up to 900	up to 900
Capacity, Wheat, heat + cool (bu/hr, 17%-12% w.b.)	up to 195	up to 260	up to 325	NA	up to 325	up to 410	up to 500	NA
Capacity, Sorghum, heat + cool (bu/hr, 20%-15% w.b.)	up to 175	up to 235	up to 300	NA	up to 300	up to 375	up to 450	NA

* It is generally recognized that grain discharged hot at 17.5% moisture will result in approximately 15% moisture after sleeping and cooling.

The information contained in this brochure is intended to assist our customers in selecting the grain drying system that they believe best meets their unique preferences and needs. The performance figures and capacities presented in this brochure are only estimates, based on calculated simulations, and do not constitute express or implied warranties. Many factors influence the grain drying process, including ambient temperature, relative humidity, grain variety, grain quality, grain temperature, dryer operating temperatures, dryer add-ons and accessories, and dryer condition, maintenance and operation.



Scan the code with a QR reader on your smart device to view the Infinity Series online.

At Mathews Company, we continuously strive to improve our products. Accordingly, changes may occur that are not reflected in the specifications and capacities contained in this brochure.

Your Authorized M-C Dealer is:



Mathews Company
www.mathewscompany.com

Crystal Lake, IL
phone: 1-815-459-2210
fax: 1-815-459-5889
email: mcsales@mathewscompany.com

INFINITY SERIES CONTINUOUS FLOW DRYERS

8 Low Profile Models with
Capacities from 325 BPH
to 900 BPH





INFINITY SERIES

Innovation • Expertise • Quality

PINNACLE LITE | AccuDry
powered by **Dryer Master®** technology



M-C Trax
Remote Monitoring

Monitor Critical
Dryer Data

Made Easy

M-C Trax setup does not require any network configuration or software. The only requirement is that a wired internet connection is available at dryer.

Try Risk Free

If you are not happy with M-C Trax for any reason, simply return the hardware within 30 days of purchase for a full refund.

Versatility – Efficiency – Quality

The Infinity Series with 9 Low Profile Models, capacities from 325 BPH to 900 BPH, may be used in dry and cool or all heat drying systems to assure the output of the highest quality dried grain. With its 14' 6" overall height, the Infinity Series fits easily into those installations with height restrictions.

The industry's only heavy-duty welded steel base provides strength and support with the option of 24" or 36" steel support stands.

Operate in Heat & Cool or All Heat.

Highly efficient, low pressure Maxon burners.

36" diameter, 1,750 RPM aluminum cast axial fan(s) (or centrifugal fan, depending on model) for many years of quiet, dependable service.

Enclosed galvanized wet grain hopper assembly keeps the inside environment clean and the drying columns full requiring fewer filling cycles. There is no heat loss because of exposed screens waiting for grain.

Four average RTD sensors ensure accuracy in sensing for automatic discharge control.

Level auger drive with motorized bindicator grain level control for positive, reliable grain flow to the dryer.

Quick dump drain ports permit easy, fast unloading, if necessary, and may qualify for reduced insurance rate.

Grain discharge metering system with industry-leading and reliable Dryer Master® grain moisture sensor.

Heavy-duty 10" u-trough design unload auger with quick release for easy cleanout.

Moisture Based Control – AccuDry™, powered by industry leader, **Dryer Master®**, measures incoming and discharged grain moisture to control the discharge rate of the dryer, ensuring accurate and reliable moisture control.

- Overall dryer control and operational data is presented on the clear, easy to use Pinnacle Lite full color touch screen.
- Available charting shows trending of incoming and discharge moisture; maintains history of warnings and alarms.
- Controls are protected in a NEMA IV-rated control cabinet that can be located remotely away from the dryer.
- Easily switch to manual mode in the unlikely event of PLC failure; this backup is a standard feature on every M-C grain dryer.
- When away from your dryer, M-C Trax Remote Dryer Monitoring System is available to view critical dryer data on your smart phone, home, or office computer.

Pinnacle Lite TruDry™ comes standard on all M-C Tower Series dryers. Pinnacle Lite AccuDry™ is an upgrade option.

M-C... A Smart Choice

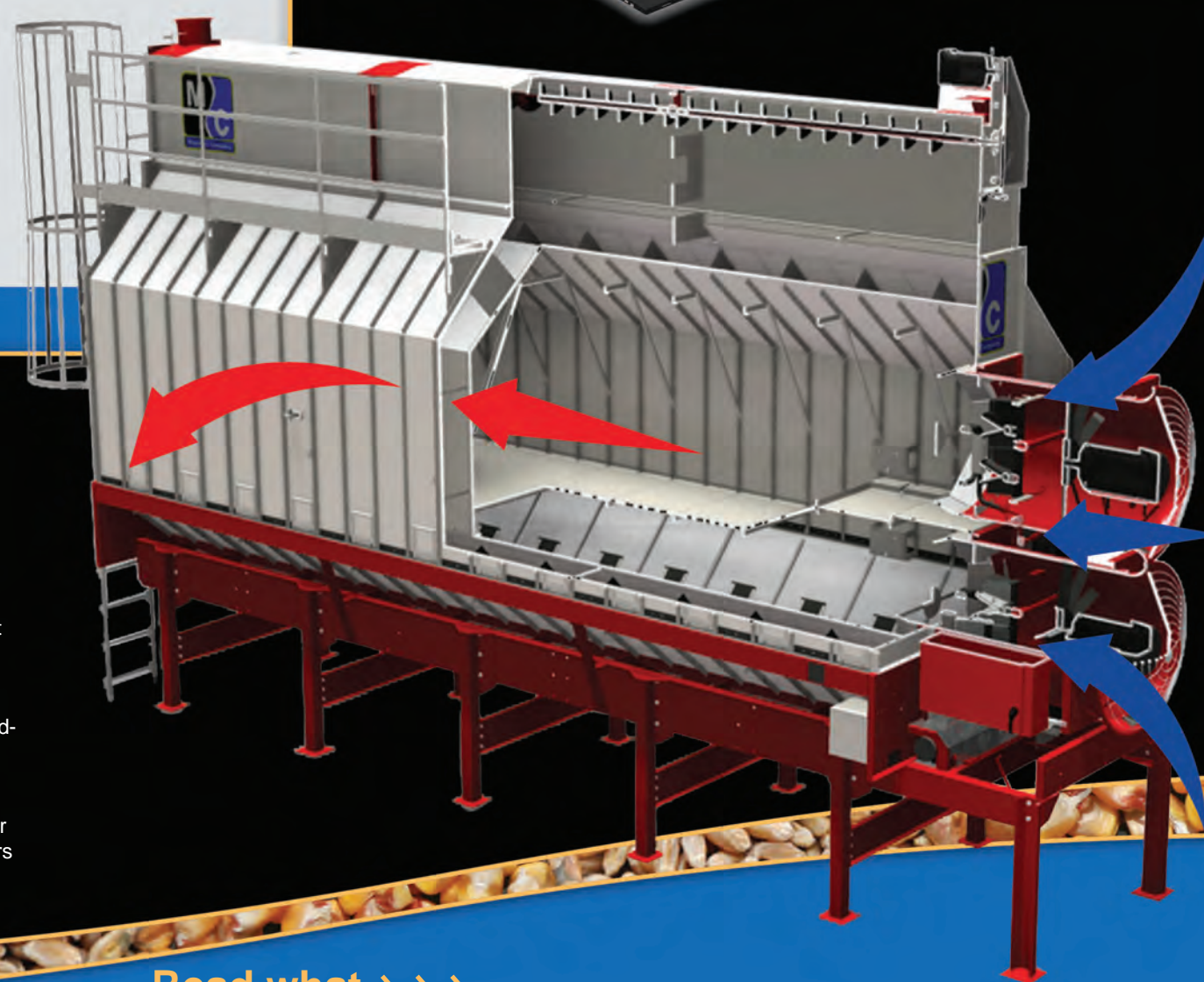
Engineered for Quality Construction and Durability – Compare M-C to other dryer brands and see the difference! Invest in quality!

Local Factory-Trained Certified Dealers put a valuable resource at your doorstep to guide you to the right dryer model for your set up, answer your questions, perform dryer checks, and provide service and parts when you need them.

Zero Downtime – Manual back-up mode comes standard on all M-C Grain dryers to ensure that you will always be able to run your grain dryer throughout the critical harvest season.

A Family Owned Company – We care about producing a quality product that fits the needs of the on-farm producer and commercial grain operations. We actively seek out user feedback and use real world testing. Without large corporate management levels, we can be very responsive to industry developments and implement updates quickly.

Years of Satisfied Customers – Many of our customers have used M-C grain dryers for 20+ years. As M-C continues to grow and develop state-of-the-art grain dryers, return customers continue to stand by and use only M-C noting quality, durability and ease of use. Check out our website for detailed customer feedback.



Read what customers are saying >>>

"I have had M-C dryers all my life and they have been an excellent dryer for me."

- Thomas K., WI

"Delivery and installation process was very smooth and timely."

- Robert V., Ontario, Canada

"I would highly recommend M-C products to others because the quality is of the highest standards."

- Richard S., Michigan