



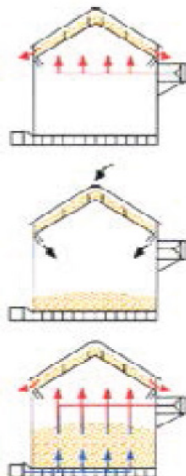
DESIGNED FOR YOU  
**BUILT FOR YOU**  
SINCE 1965

# ULTRA DRY



## In-Bin Grain Drying System

- In-Bin Grain Drying System blends proven drying technology with innovative Lambton features for optimum drying performance and uniformity
- Available with bins sizes 21', 24', 30' or 36' and up to 11 tiers (rings) tall
- It can handle most types of grain with potential grain drying capacity over 1,000 bushels per hour
- It comes in all galvanized steel construction for low maintenance and durability



## How the System Works

- Wet grain is loaded into the ultra dry overhead drying chamber. The drying unit has to force moisture from grain up and out of the bin through the Roof Vent System
- Grain is released to storage/cooling area after drying to a pre-determined moisture level. Drying chamber is then refilled with wet grain.
- The Cooling fan operates continuously to cool the dried grain. Lambton's Ultra Dry System recycles the heat from the cooling grain, thus improving dryer efficiency.

[www.lambtonconveyor.com](http://www.lambtonconveyor.com)

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# MANUAL BATCH

## Drying Rates (Shelled Corn)

Fan & Heater	Plenum Temp. (Fahrenheit)	Moisture content (%)	21' - 1 fan 700 BU/CAP BU/HR	Batch Time Hours	24' - 1 fan 1000 BU/CAP BU/HR	Batch Time Hours	30' - 1 fan 1500 BU/CAP BU/HR	Batch Time Hour	30'-2 fan 1500 BU/CAP BU/HR	Batch Time Hour	36'-1fan 2100 BU/CAP BU/HR	Batch Time Hour	36' - 2 fan 2100 BU/CAP BU/HR	Batch Time Hour
38" 15HP	140	20%	356	2.1	398	2.5	469	3.3	733	2	520	4.1	840	2.6
		25%	225	3.3	262	3.8	282	5.1	460	3.4	329	6.5	532	4
		30%	140	5.2	160	6	183	8.2	285	5.3	205	10.1	336	6.5
38" 15HP	160	20%	425	1.8	488	2.1	544	2.7	877	2	621	3.4	1003	2.1
		25%	269	2.7	314	3.2	340	4.5	561	2.8	393	5.4	635	3.4
		30%	167	4.4	190	5	217	6.9	344	4.4	248	8.7	398	5.4
38" 15HP	180	20%	546	1.5	600	1.7	683	2.5	999	1.5	695	3.5	1288	1.6
		25%	356	2.2	376	2.7	408	3.7	695	2.2	438	5.1	815	2.7
		30%	285	3.5	237	4.1	255	5.9	445	3.6	275	8.2	505	4.2
44" 15HP	140	20%			486	2	565	2.6			650	3.3	1020	2.1
		25%			311	3.2	367	4.1			410	5.2	645	3.3
		30%			200	5	232	6.6			255	8.4	400	5.3
44" 15HP	160	20%			588	1.7	663	2.3			776	2.8	1220	1.7
		25%			376	2.7	433	3.4			493	4.4	772	2.7
		30%			237	4.2	277	5.5			306	7.1	480	4.5
44" 15HP	180	20%			735	1.5	866	2			891	2.6	1560	1.5
		25%			452	2	547	2.8			560	4	990	2.2
		30%			281	3.4	330	4.5			350	6.6	620	3.5
44" 30HP	140	20%					550	2.9			710	2.9		
		25%					380	4			460	4.8		
		30%					240	6.2			280	7		
44" 30HP	160	20%					670	2.4			850	2.8		
		25%					430	3.5			538	4.1		
		30%					285	5.3			340	6.6		
44" 30HP	180	20%					790	1.9			1090	2.1		
		25%					535	2.8			690	3.2		
		30%					348	4.3			480	4.5		

\*Note: Above Capacities are to be used as a Guide only based on 50°F ambient temperature & 65% relative humidity. Variables in conditions will effect capacity.

### Our other range of products include

**Grain Bins**



**Bucket Elevator**



**Hopper Bins**



**Catwalks**



**Distributors**



**Chain Conveyors**



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**Lambton Conveyor Limited**

102 Arnold Street, Wallaceburg, Ontario, Canada, N8A 3P4

Tel: +1 519.627.8228 Toll Free: +1 888.239.9713 (North America)

Fax: +1 519.627.0250 Email: [sales@lambtonconveyor.com](mailto:sales@lambtonconveyor.com)

All specifications and designs are subject to change without notice due to continuous product improvement.