



1000-1500 Bu/Hr.

U1010 & U1510 Modular Tower Dryer

Save on installation expenses with the Sukup Modular Tower Dryer. With stacking complete in one day, the Modular Tower Dryer offers many of the same features as the larger Sukup Commercial Tower Dryers without the need for extensive on-site construction.

Features:

- **INDUSTRIAL INLINE CENTRIFUGAL BLOWER.** Just like the Sukup Commercial Tower Dryer, the Modular Tower Dryer uses an industrial grade inline centrifugal blower to quietly provide airflow even with vacuum cooling.
- **THE GAS PIPETRAIN has TWO STANDARD SAFETY SHUT-OFF VALVES** that are electronically operated from the touchscreen and meet NFPA code. The push of a button activates the heater.
- **MAXON BURNER** is standard.
- **MODULATING BURNER CONTROL** to efficiently maintain a steady plenum temperature is standard.
- **ANGLE RING INLET & DISCHARGE** allow for easy hook-up to fill and take-away equipment.
- **ROOF STAIRS & HANDRAILS**, along with Heavy Duty I-Beam Legs are standard.
- **GRAIN EXCHANGERS IN COLUMN** move grain from inside of the column to the outside for more even moisture content and consistent grain temperature and are standard.
- **STAINLESS STEEL** outer screens resist rust and keep your dryer looking good for years to come while the stainless steel grain table and unload sweeps help resist corrosion and wear.
- **MOISTURE SENSORS** monitoring incoming & outgoing grain are standard.
- **GRAIN DISCHARGE RATE** is controlled manually or automatically based on grain temperature or moisture.



- **QuadraTouch™ PLC CONTROL SYSTEM** is a rugged controller built to withstand harsh environments, eliminate nuisance shutdowns, and allow the operator touchscreen to be placed up to 200' away from the dryer.



Efficient Drying. Cost-Effective Installation. *Now that's a Solution*™



Efficient Installation

Dryer modules are delivered to the site assembled and ready to be set with a crane, significantly cutting down on construction time and costs.

Vacuum Cooling Efficiency Advantage

Operating in a heat/vacuum cool mode, air is pulled through the grain at the bottom of the dryer, cooling the grain while heating the air. Reclaiming heat from the grain means less fuel is required to get the air to drying temperature. The air is then pulled into the blower, through the burner and into the drying chamber. The blower and burner are located inside the dryer between the heating and cooling chambers, eliminating ducting and leaving more room for the unload area.

Modular Tower Dryer Specifications

	U1010	U1510
Bu/Hr 20-15% Corn*	1,000	1,500
Bu/Hr 25-15% Corn*	600	900
Heat Holding Bushels	670	924
Cool Holding Bushels	219	308
Total Holding Bushels	1,208	1,551
Drying CFM	48,000	67,000
Cooling CFM	24,000	33,500
Overall Height (ft)	50' 2"	63' 7"
Tower Diameter	10' 6"	10' 6"
Max Diameter with Catwalks	17' 10"	17' 10"
Max. Burner Btu/Hr	10,000,000	15,000,000
Avg. Burner Btu/Hr	6,300,000	9,400,000
Blower Horsepower	50	75
Outer Platforms	2	2
Full Load Amp. (230v/460v)	142/71	204/102
Foundation (yds³)	18	18

Sukup Manufacturing Co. provides this information to assist you in choosing the optimal equipment for your situation. Many factors, such as grain variety, maturity levels, grain cleanliness, weather conditions and operation/management, can affect the performance of your tower dryer and results may vary. This information is calculated and is not a guarantee of product specifications or performance. Based on these factors, Sukup specifications should only be used as estimates, and not as a warranty, express or implied, of how a particular Sukup unit will perform under your operating conditions. Because we are continually improving Sukup products, changes may occur that may not be reflected in the specifications.

*Bu/hr. (bushels per hour) listed are wet bushels, No. 2 shelled yellow corn at listed moisture content and are estimates based on drying principles, field results and/or computer simulation at 50° F ambient temperature and 60% humidity at 220° F average plenum temperature.



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