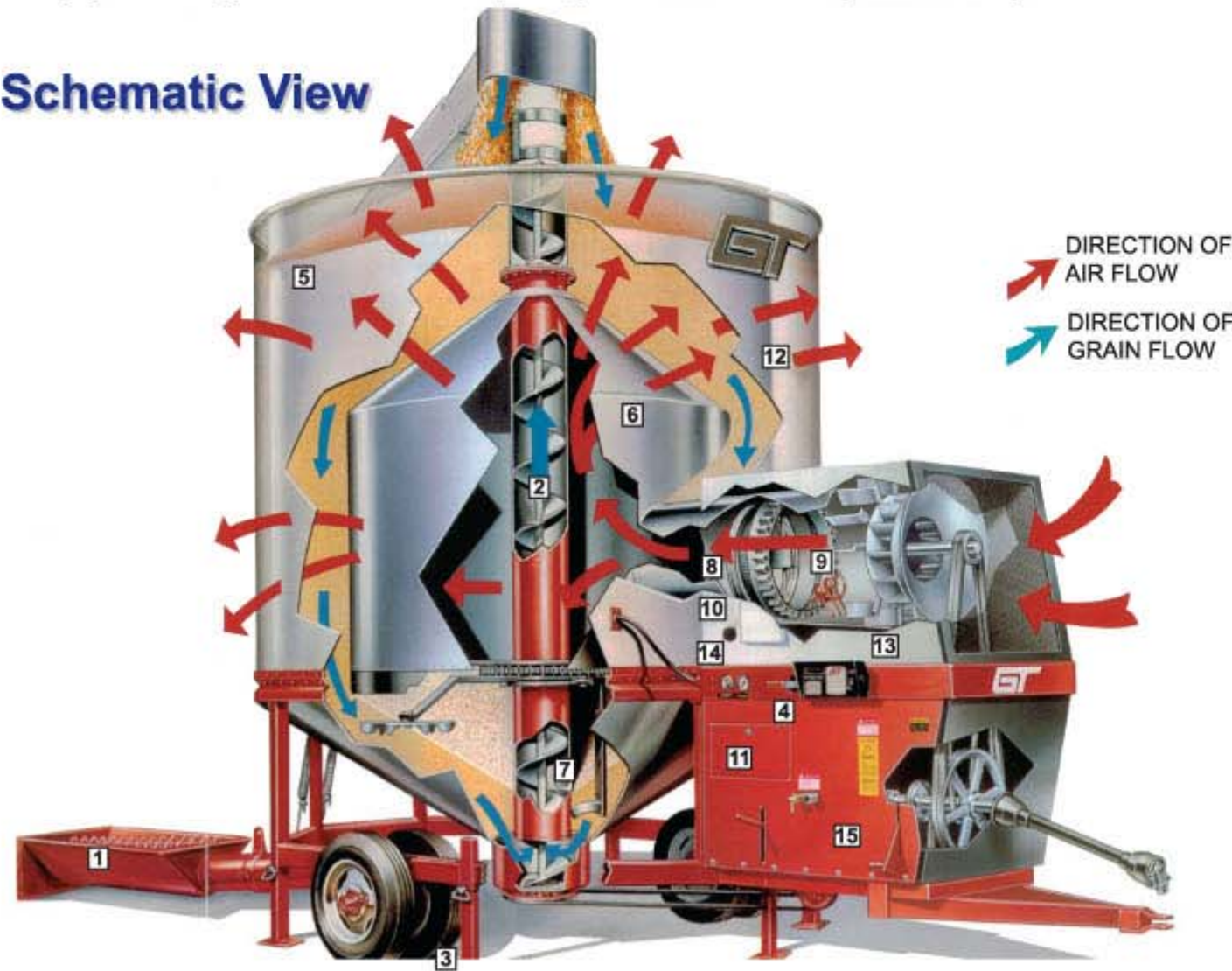




Completely self-contained - All you need for high speed, high quality drying is a GT Grain Dryer, a tractor and propane. Average set-up time is 30 minutes. (1) Loading hopper eliminates the need for separate augers. Load directly from your truck or grain wagon. (2) One 12" auger recirculates and unloads grain gently. Low 275 RPM operation keeps grain column full for controlled even drying. (3) Completely portable for easy transport anywhere. Tires and hitch are *standard*. Top section of center auger removes easily Loading hopper folds up for out-of-the-way storage or transport. (4) Centrally located controls provide complete control of the drying process from one location. (5) Round bin design evenly distributes heated air for uniform drying of any crop. (6) Perforated (3/32") inner chamber distributes heated air evenly through grain column. (7) Positive agitator arms keep grain moving downward into the central auger at a slow, gentle rate of 8 RPM. (8) Built-in vaporizer allows accurate, fuel efficient drydown, even in sub-freezing temperature. GT's vaporizer "pulls" liquid propane from the bottom of the tank and converts it to vapor. (9) Efficient stainless steel ring burner assembly is designed to keep drying costs to a minimum. Delivers evenly heated air to the drying chamber at constant temperatures. (10 & 11) Modular access panels on power frame offer quick access to plumbing and electrical controls. (12) Space-age coating ensures a great, long-lasting appearance with minimum upkeep. (13) Complete drying control is assured. Once the dryer is set for a specific maximum grain temperature, the dryer automatically shuts off when the set temperature is reached. (14) Safety controls with digital indicators automatically monitor all drying functions. If any of these functions fail, the gas supply automatically shuts off. (15). Fan clutch allows operator to disengage fan at any time. This feature is especially beneficial while loading and unloading.

Schematic View



Specifications

	200 bu. (245XL)	350 bu. (300 & 345XL)	500 bu. (500 & 545 XL)	640 bu. (600 & 645 XL)	820 bu. (800 & 21 Ton)
Drying Capacity (20.5 - 15.5%)	140 bu./hr. (3.5 tonne/hr.)	235 bu./hr. (6 tonne/hr.)	335 bu./hr. (8.5 tonne/hr.)	385 bu./hr. (9.8 tonne/hr.)	500 bu./hr. (12.5 tonne/hr.)
Bushel Capacity	200 bu. (5.00 tonne)	350 bu. (8.9 tonne)	500 bu. (12.7 tonne)	640 bu. (16.3 tonne)	820 bu. (20.9 tonne)
Height to Top of Auger With Vertical Head Option	13'6" (4.2 m)	18'4" (5.6m)	18'4" (5.6m)	21'2" (6.5 m)	23'5" (7.14 m)
Transport Height (top tube down) (with top tube off)	13'6" (4.2 m)	13'6" (4.2 m)	13'6" (4.2 m)	13'6" (4.2 m)	15'5" (4.7 m) 14' (4.27 m)
Diameter of Bin	8' (2.4 m)	8' (2.4 m)	11' (3.4 m)	11' (3.4 m)	11' (3.4 m)
Grain Wall Thickness	18" (45.7 cm)	18" (45.7 cm)	18" (45.7 cm)	18" (45.7 cm)	18" (45.7 cm)
Vertical Auger Diameter	12" (30.5 cm)	12" (30.5 cm)	12" (30.5 cm)	12" (30.5 cm)	12" (30.5 cm)
Overall Length (add 9 ft. with hopper down)	13'4" (4.1 m)	18' (5.5 m) 13'4" (4.1m) (345XL)	20'5" (6.2 m) 16'10" (5.1m) (545XL)	15'10" (4.8 m) 16'10" (5.1m) (645XL)	20'5" (6.2 m)
Burner Size BTU/hr. (Max)	2,200,000 (645 kw)	2,200,000 (645 kw)	3,000,000 (879 kw)	3,000,000 (879 kw)	3,000,000 (879 kw)
Fan Size and Type	26" Axial (66.2 cm)	26" Axial (66.2 cm)	32" Axial (81.2 cm) (545XL)	32" Axial (81.2 cm) (645 XL)	-
In-Line Fan	-	33" (83.8 cm) (300)	38" (96.5 cm) (500)	38" (96.5 cm) (500)	38" (96.5 cm) (500)
Electric Motor Required	15 HP, 1750 RPM (11.4 kw)	20 HP, 1750 RPM (14.9 kw)	25 HP, 1750 RPM (18.6 kw)	30 HP, 1750 RPM (22.3 kw)	40 HP, 1750 RPM (30 kw) (35 HP required) (26.1 kw required)
Weight, PTO Model	2900 lbs. (1318 kg)	3900 lbs. (1773 kg) 3350 lbs. (1523 kg) (345XL)	5100 lbs. (2313 kg) 4400 lbs. (2000 kg) (545XL)	5500 lbs. (2495 kg) (600) 4900 lbs. (2227 kg) (645XL)	6000 lbs. (2725 kg)
PTO Speed	475 RPM	525 RPM	525 RPM	525 RPM	525 RPM
Recirculating Time	5-7 min.	10-12 min.	12-15 min.	17-21 min.	16-20 min.
Loading Auger Size	8" (20.3 cm)	8" (20.3 cm)	8" (20.3 cm)	8" (20.3 cm)	8" (20.3 cm)
Loading Rate	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	3000 bu./hr. (76.3 tonne)
Unloading Rate	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	2000 bu./hr. (50.8 tonne)	3000 bu./hr. (76.3 tonne)
Fan Drive	Belt	Belt	Belt	Belt	Belt
Fan Rating - CFM and Outlet Static Pressure	7,850 CFM @1.5" WC (216 m³ @374 Pa)	12,000 CFM @1.5" WC (340 m³ @374 Pa)	16,000 CFM @1.5" WC (453 m³ @374 Pa)	17,200 CFM @1.5" WC (487 m³ @374 Pa)	17,000 CFM @1.5" WC (481 m³ @374 Pa)
Standard Equipment	Loading Hopper, Circulating Auger, PTO Tumbler Shaft, Dryer Controls-Grain Sampler, Fan Clutch, Access Door to Plenum, Vaporizer, Radial Tires, Floor Jack Stands, Ladder, and Manual Unloading Head (245XL ONLY)				



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