



Standard FireBox Models for Wood Waste Elimination

Above-Ground Air Curtain Burner Dimensions					
Model	Overall Size L x W x H	FireBox L x W x H	Weight lbs.	Fuel* gal/hr.	Average Thru-put* tons/hr.
S330	40' 4" x 11' 10" x 9' 6"	30' 2" x 8' 5" x 8' 1"	59,000	3.0	11-13
S327	37' 4" x 11' 10" x 9' 6"	27' 2" x 8' 5" x 8' 1"	54,600	3.0	9-11
S223	33' 3" x 8' 6" x 8' 6"	22' 11" x 6' 2" x 7' 1"	40,250	2.5	7-9
S220	30' 1" x 8' 6" x 8' 6"	19' 8" x 6' 2" x 7' 1"	36,650	2.5	5-7
S119	27' 3" x 7' 2" x 7' 4"	19 x 5' x 6'	30,100	2.2	3-5
S119R**	27' 6" x 7' 2" x 8' 3"	19 x 5' x 6'	39,900	2.2	3-5
S116	24' 7" x 7' 2" x 7' 4"	16' x 5' x 6'	27,500	2.2	2-4
S116R**	24' 11" x 7' 2" x 8' 3"	16' x 5' x 6'	36,300	2.2	2-4
T24	19' 8" x 7' 8" x 5' 8"	12' x 4' x 4'	9,983	0.56	½-1



S300



S200



S100



T24 BurnBoss®



Scan for video
"Open Pile Burning vs
FireBox Burning"

* Achievable through-put depends on several variables, especially the nature of the waste material, the burn chamber temperature and the loading rate. All weights and dimensions are approximate. Specifications are subject to change without notice.
** Cable-hoist version shown; Hook-lift version is 5" shorter.

Benefits

- Lowest operating costs and low capital investment
- "Eliminates" wood and vegetative waste and reduces it to a usable BioChar and carbon ash
- High mass reduction: 95% to 98% waste reduction (100 tons of wood = 2 to 4 tons of ash and BioChar)
- High through-put: up to 13 tons per hour
- Dramatically reduced operating costs when compared to grinding & trucking
- Environmentally friendly; tested by US EPA and meets or exceeds all US EPA regulations for Air Curtain Incinerators (Air Curtain Burners)
- Naturally creates BioChar which can be used as a soil additive
- One operator can monitor and load up to three FireBoxes
- Diesel engine powered machines (Tier 4 Final - no DEF required)
- Electric motor powered machines (3-Phase up to 480V, (50Hz or 60Hz)
- Biomass power generation versions also available: PGFireBox® Series

Transportability



Slide-Axle "Landoll"



Roll-Off



Drop-deck or Flatbed



Container

