

Air Burners, LLC S-Series (Firebox) Air Curtain Burner Dimensions

<b>AIR BURNERS, LLC S-SERIES FIRE BOX SYSTEM DIMENSIONS</b>					
Model	Overall Size <i>L x W x H</i>	Fire Box <i>L x W x H</i>	Weight	Fuel Consumption*	Through-put**
S-327	37' 4" x 11' 10" x 9' 7"	27' 2" x 8' 5" x 8' 1"	50,000 lbs.	3.5 gal/hr	6-10 tons/hr
	11.4m x 3.6m x 2.9m	8.3m x 2.6m x 2.46m	22,700 kg	13.3 L/hr	
S-321	31' 4" x 11' 10" x 9' 7"	21' 2" x 8' 5" x 8' 1"	46,000 lbs.	3.0 gal/hr	5-8 tons/hr
	9.6m x 3.8m x 2.9m	6.5m x 2.6m x 2.46m	20,900 kg	11.4 L/hr	
S-220	30' 2" x 8' 6" x 8' 6"	19' 8" x 6' 2" x 7' 1"	33,500 lbs.	2.5 gal/hr	3-6 tons/hr
	9.2m x 2.6m x 2.6m	6m x 1.9m x 2.2m	15,200 kg	9.5 L/hr	
S-217	27' x 8' 6" x 8' 6"	16' 5" x 6' 2" x 7' 1"	30,000 lbs.	2.5 gal/hr	2-5 tons/hr
	8.2m x 2.6m x 2.6m	5m x 1.9m x 2.2m	13,600 kg	9.5 L/hr	
S-116	27' x 7' 5" x 7' 8"	16' x 5' x 6'	26,000 lbs.	2.3 gal/hr	1-4 tons/hr
	8.2m x 2.2m x 2.3m	4.9m x 1.5m x 1.8m	11,800 kg	8.7 L/hr	
S-111	8.2m x 2.2m x 2.3m	11' x 5' x 6'	21,300 lbs.	2.3 gal/hr	0.5-2 ton/hr
	5.76m x 2.2m x 2.3m	3.35m x 1.5m x 1.8m	9,700 kg	8.3 L/hr	

\*) Diesel Engine Version: S-300 Series: Kubota V3300-TE (Tier3).  
 S-200/S-100 Series: Kubota V2003-TE (Tier3), or equivalent engines. Diesel fuel consumption rated at average operating RPM.  
 Drive System: PTO & mechanical direct coupling drive.  
 Fuel Tank: Min. 65 Gallons or 246 liters.

\*\*) Notes on Through-put: Through-put depends on many factors, such as nature and type of wood waste, its moisture content, prescribed opacity limits, operator skills, elevation of location, etc. The figures stated here are guidelines only. If more specific information is required, please, contact the Factory.

Electric Motor Version: Motor: 3-Phase, heavy-duty, with enclosed speed controller;  
 Min. 200V, max. 460V, 50Hz to 60Hz;  
 Drive System: Mechanical direct coupling drive

Options: Top firebox screen (retractable firebox top safety mesh cover); Engine deck security guarding; Heat recovery;  
 Custom designs available.

NOTE: 1) All weights and dimensions are approximate. Metric conversions rounded.  
 2) Dimensional drawings can be provided on request.  
 3) Subject to change without notice.

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