

Air Burners, LLC S-SERIES FIREBOX DIMENSIONS

Model	Overall Size <i>L x W x H</i>	Fire Box <i>L x W x H</i>	Weight	Fuel Consumption*	Through-put** <i>tons/hr</i>
S-327	37' 4" x 11' 10" x 9' 7"	27' 2" x 8' 5" x 8' 1"	54,600 lbs	3.5 gal/hr	6 - 10
	11.4m x 3.6m x 2.9m	8.3m x 2.6m x 2.46m	24,800 kg	13.3 L/hr	
S-321	31' 4" x 11' 10" x 9' 7"	21' 2" x 8' 5" x 8' 1"	48,600 lbs	3.0 gal/hr	5 - 8
	9.6m x 3.8m x 2.9m	6.5m x 2.6m x 2.46m	22,000 kg	11.4 L/hr	
S-220	30' 2" x 8' 6" x 8' 6"	19' 8" x 6' 2" x 7' 1"	35,000 lbs	2.5 gal/hr	3 - 6
	9.2m x 2.6m x 2.6m	6m x 1.9m x 2.2m	15,900 kg	9.5 L/hr	
S-217	27' x 8' 6" x 8' 6"	16' 5" x 6' 2" x 7' 1"	31,300 lbs	2.5 gal/hr	2 - 5
	8.2m x 2.6m x 2.6m	5m x 1.9m x 2.2m	14,200 kg	9.5 L/hr	
S-116	23' x 7' 5" x 7' 8"	16' x 5' x 6'	25,600 lbs	2.5 gal/hr	1 - 4
	7m x 2.2m x 2.3m	4.9m x 1.5m x 1.8m	11,600 kg	9.5 L/hr	
S-111	19' x 7' 5" x 7' 8"	11' x 5' x 6'	22,500 lbs	2.5 gal/hr	0.5 - 2
	5.8m x 2.2m x 2.3m	3.35m x 1.5m x 1.8m	10,200 kg	9.5 L/hr	

***) Diesel Engine Version:**

S-300 Series: Kubota V3600-TE (Tier3).
 S-200/S-100 Series: Kubota V2403-TE or equivalent Tier3 engines.
 Diesel fuel consumption rated at average operating RPM.
 Drive System: PTO & mechanical direct coupling drive.
 Fuel Tank: Min. 65 Gallons (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
(Permanent/stationary units only):**

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

Options:

Ember Screen (retractable top firebox screen); Engine deck security guarding; Heat recovery; Off-road mobility option (wheel attachment); Custom firebox designs and private branding also available.

NOTE:

- 1) All weights and dimensions are approximate.
- 2) Dimensional drawings can be provided on request.
- 3) Subject to change without notice.