



Horizontal Grinder Production

Peterson has revised and reorganized the available data for estimating production with Peterson horizontal grinders. The new documents associated with this marketing brief include data recently acquired from new models, such as 5710C tracked horizontal grinder, and projected estimates for some data, based on design parameters and prototyping for the new 2710C tracked horizontal grinder. Data for 47 and 67 series machines are also included.

Comparative Data

Using the table attached (See Mkt0039 Grinder Production Data Export.pdf) you can estimate with a high degree of confidence the amounts of material a specific operation will be able to process, given typical operating conditions. Of course, results vary due to a number of factors, including types and condition of wood or other feed materials, climate, moisture content, operator experience and abilities, capacity of the loader or excavator, and other contributing conditions.

With this data it's easy to compare outputs of the various models and help plan thoroughly to select the model that best fits specific conditions.

Related Marketing Briefs

This brief, Mkt0039, is closely related to Marketing Brief Mkt0040, which provides product classification data for various hexagonal grate opening sizes used in the same array of Peterson models. Both Mkt0039 and Mkt0040 provide results data in international, or metric units of measure, such as tonnes, cubic meters, and millimeters (for grate opening sizes).

Marketing Briefs Mkt0037 and Mkt0038 provide similar information using US customary units tons, cubic yards, and inches (for grate opening sizes.)

Available on Internet

Please see the dealer's section of the Peterson website to download the data listed above and other useful information.

For more information call your Peterson representative. Anyone can also reach us at 800.269.6520 in USA, or visit our web site at www.petersoncorp.com.

DISCLAIMER

This message and/or attached documents is intended for Peterson Pacific Corp., an Astec Industries Company, internal sales training purposes. Some information may be derived from competitive sales materials and machine observations. The information in this marketing brief is believed to be correct at the time of release. Thank you for your co-operation.



Peterson Grinder Production Cubic Meters and Tonnes per Hour

	27 series				47 series				57 series		67 series			
	475 hp		580 hp		700 hp		765 hp		1050 hp		1050 hp		1200 hp	
Hex Grates (2) 2", (2) 3"	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr	M ³ /hr	Tonnes/hr
Green Waste	91	34	112	42	144	54	158	59	172	65	198	75	226	85
Scrap Board	115	25	141	31	182	41	199	44	267	59	307	68	350	78
Hex Grates (4) 3"														
Green Waste	107	38	132	47	169	60	185	66	182	65	210	75	240	86
Scrap Board	154	33	189	41	242	52	264	57	284	61	326	70	373	80
Hex grates (4) 4" hex														
Green Waste	141	48	174	59	228	77	249	84	295	100	340	115	388	131
Scrap Board	165	34	204	42	267	55	292	60	314	65	361	74	412	85
Hex grates (2) 4", (2) 6"														
Green Waste	164	57	202	70	265	92	290	100	339	117	390	135	446	154
Scrap Board	200	40	247	50	324	66	354	72	380	77	437	88	499	101
Hex Grates (4) 6"														
Green Waste	178	58	219	72	288	94	315	103	383	126	441	144	503	165
Scrap Board	208	41	256	50	336	66	367	72	463	91	533	105	609	120
Hex Grates (2) 8", (2) 6"														
Green Waste	180	56	222	69	291	90	318	99	405	125	466	144	532	165
Scrap Board	225	43	277	53	364	69	398	76	502	96	577	110	659	126

The production estimates provided in this analysis are based on the best available information in average conditions. Actual results vary due to variations in material, support equipment, grate size, skill of the operator, moisture content, and maintenance practices. Peterson does not guarantee that these results apply to all applications. Production results are based on grinding 50 minutes per hour.

* Estimated Data
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