



Horizontal Grinder Product Classification

Peterson has revised and reorganized the available data for estimating classification of product ground with Peterson horizontal grinders. The new document associated with this marketing brief includes 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 applies to all Peterson horizontal grinders.

Comparative Data

Using the table attached (See Mkt0040 Classifications Data Export.pdf) you can estimate with a high degree of confidence the per cent of material a specific set of grates is likely to produce, given typical operating conditions in **green waste, scrap board, or regrind**. 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, the degree of wear to the grates, and other contributing conditions.

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

Related Marketing Briefs

This brief, Mkt0040, is closely related to Marketing Brief Mkt0039, which provides production volume data in the same array of Peterson models. Both Mkt0040 and Mkt0039 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 of measure, such as 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, 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.



GRINDER PRODUCT CLASSIFICATION PER GRATE SIZE

(All Models)

GREEN WASTE						
	< 8 mm	8 - 25 mm	26 - 45 mm	46- 75 mm	76 - 102 mm	> 102 mm
GRATE SIZE						
Round (4) 1"	53.92%	43.98%	2.05%	0.05%	0.00%	0.00%
Round (4) 2"	46.44%	48.99%	4.32%	0.25%	0.00%	0.00%
Hex (4) 2"	35.48%	48.38%	15.17%	0.97%	0.00%	0.00%
Hex (2) 2", (2) 3"	28.24%	51.41%	16.13%	1.78%	2.33%	0.11%
Hex (4) 3"	25.25%	51.48%	20.20%	1.12%	1.41%	0.54%
Hex (2) 3", (2) 4"	22.14%	52.90%	19.01%	2.01%	1.97%	1.97%
Hex (4) 4"	20.04%	45.01%	27.20%	2.81%	2.81%	2.13%
Hex (2) 4", (2) 6"	19.38%	40.72%	26.70%	5.88%	4.16%	3.16%
Hex (4) 6"	17.38%	39.72%	25.28%	7.80%	4.48%	5.34%

SCRAP BOARD						
	< 8 mm	8 - 25 mm	26 - 45 mm	46- 75 mm	76 - 102 mm	> 102 mm
GRATE SIZE						
Round (4) 1"	33.09%	63.81%	2.13%	0.97%	0.00%	0.00%
Round (4) 2"	31.32%	59.52%	7.38%	1.78%	0.00%	0.00%
Hex (4) 2"	28.57%	58.21%	9.62%	2.82%	0.51%	0.27%
Hex (2) 2", (2) 3"	24.09%	54.62%	16.21%	3.12%	0.76%	1.20%
Hex (4) 3"	21.73%	44.67%	26.15%	4.64%	0.84%	1.97%
Hex (2) 3", (2) 4"	16.69%	42.61%	31.50%	5.01%	1.22%	2.97%
Hex (4) 4"	13.32%	43.35%	27.28%	8.27%	3.62%	4.16%
Hex (2) 4", (2) 6"	11.67%	35.17%	29.10%	13.33%	5.41%	5.32%
Hex (4) 6"	9.15%	31.78%	33.91%	12.12%	6.02%	7.02%

REGRIND						
	< 8 mm	8 - 25 mm	26 - 45 mm	46- 75 mm	76 - 102 mm	> 102 mm
GRATE SIZE						
Round (4) 1"	74.08%	23.95%	1.97%	0.00%	0.00%	0.00%
Round (4) 2"	53.54%	36.98%	3.86%	5.62%	0.00%	0.00%
Hex (2) 2", (2) 3"	23.27%	42.35%	14.55%	13.58%	4.09%	2.16%

The product classification analyses are based on the best available information in average conditions. Actual results vary due to variations in material and maintenance practices. Peterson does not guarantee that these results apply to all applications.