

# TECHNICAL BULLETIN – DDR12

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**SUBJECT:     DOUBLE DRUM DRYERS  
                  DRYING AREAS**

This chart provides a general relationship between some United States standard sized dryer drums and the drum drying surface areas. The capacity range is based upon a range of products and is provided as a general guideline to selecting a particular sized drum dryer. The exact production rate or capacity range of any particular product must be established, taking as a basis, the product's characteristics, as well as the variables inherent to the system as a whole.

<u>Drum Size</u>	<u>One Drum</u>	<u>Two Drums</u>	<u>Capacity Range *</u>
60" x 144"	188.5 Ft <sup>2</sup>	377 Ft <sup>2</sup>	400-700 Lbs. per Hr.
42" x 144"	132 Ft <sup>2</sup>	264 Ft <sup>2</sup>	240-600 Lbs. per Hr.
42" x 120"	110 Ft <sup>2</sup>	220 Ft <sup>2</sup>	200-500 Lbs. per Hr.
42" x 100"	91.6 Ft <sup>2</sup>	183 Ft <sup>2</sup>	166-416 Lbs. per Hr.
42" x 90"	82.5 Ft <sup>2</sup>	165 Ft <sup>2</sup>	150-375 Lbs. per Hr.
42" x 36"	33 Ft <sup>2</sup>	66 Ft <sup>2</sup>	60-150 Lbs. per Hr.
32" x 120"	83.8 Ft <sup>2</sup>	167.6 Ft <sup>2</sup>	135-345 Lbs. per Hr.
32" x 90"	62.8 Ft <sup>2</sup>	125.6 Ft <sup>2</sup>	115-286 Lbs. per Hr.
32" x 72"	50 Ft <sup>2</sup>	100 Ft <sup>2</sup>	91-227 Lbs. per Hr.
30" x 72"	47 Ft <sup>2</sup>	94 Ft <sup>2</sup>	85-214 Lbs. per Hr.
24" x 36"	18.8 Ft <sup>2</sup>	37.6 Ft <sup>2</sup>	34-85 Lbs. per Hr.
24" x 24"	12.5 Ft <sup>2</sup>	25 Ft <sup>2</sup>	23-57 Lbs. per Hr.

Nomenclature: Ft<sup>2</sup> – Square Feet; Lbs. – Pounds

\* Please note that the Capacity Range is a general guideline. These numbers will vary depending on the product(s) being dried.

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Drum Drying Resources supplies new, rebuilt, and retrofitted Double Drum Dryers to the drying industry. Each dryer is configured to specific designs, specifications, and systems to produce your products at maximum quality, sanitation, and productivity levels.

Check our Technical Bulletin section often in order to learn more about how our products and services can help you become more productive.