

Useful Information

(Machine Capacity)



Coating machines are available in a number of sizes, but the most commonly supplied are described below.

Drum / Pan Diameter

Drum / Pan Size		Capacity		Air volume m ³ /hr	
Inches	Metric	Kg	Litres	Process	Design max
24	610	10	12	250 / 400	500
36	915	75	100	1000 / 1800	2000
48	1219	150	200	1500 / 2500	3000
60	1524	350	400	3000 / 6500	7000

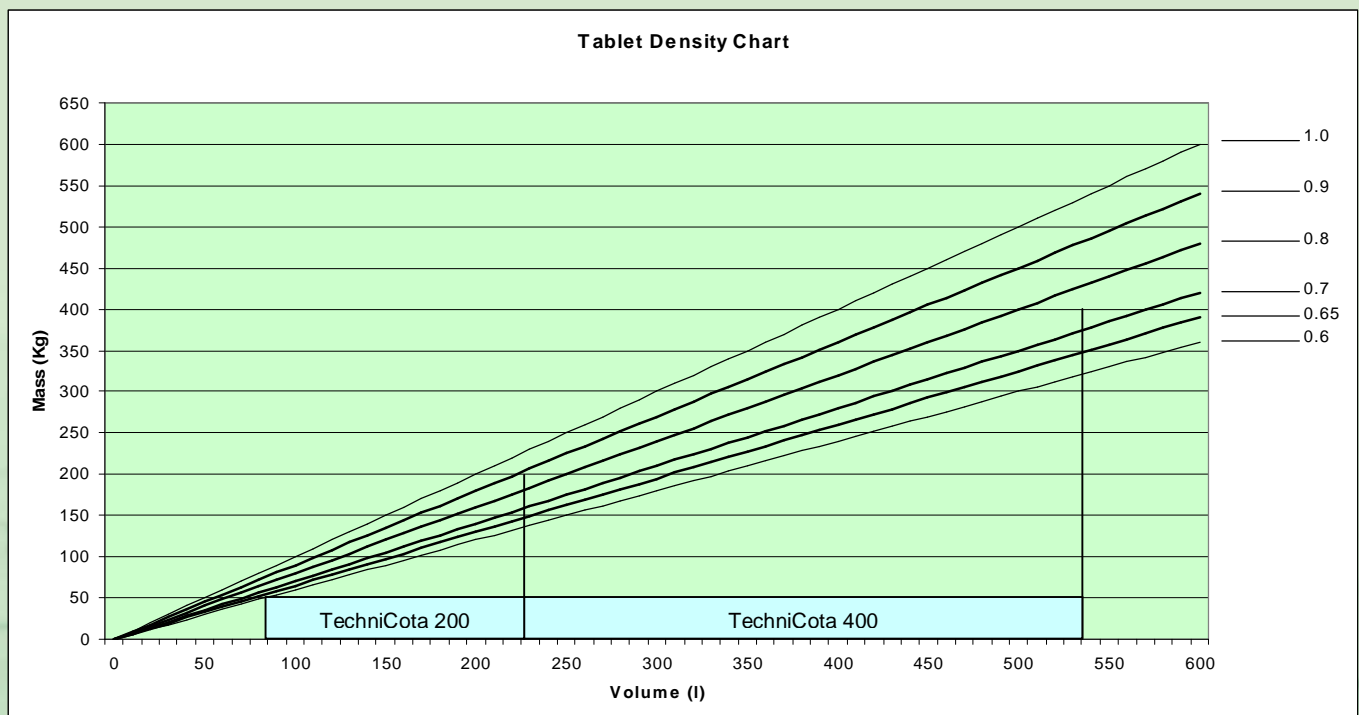
As can be seen from the table, supplier's machine references can be interpreted in many ways when quoted as volume or mass.

Generally the only valid data is the machine drum brim full volume (water volume) and drum maximum batch weight.

Complications such as the dynamics of flow / interaction with baffles and the lifting of the bed due to airflow are product dependent and do tend to cancel each other out.

To calculate the drum capacity for a machine the following chart can be used.

Based on the batch size (weight) and density of the product, it is possible to calculate the volume of the batch.



Note Information supplied in the leaflet is intended as a guide only.