

Box Size Matrix

Decision guide – Define standard sizes for your product range

Date: _____
Created by: _____

Step 1 – Measure your product range

Measure your 10 most shipped products (incl. protective packaging) in L × W × H. Estimate shipping share.

No.	Product / Product group	Dimensions L × W × H (mm)	Shipping share
01		___ × ___ × ___	___ %
02		___ × ___ × ___	___ %
03		___ × ___ × ___	___ %
04		___ × ___ × ___	___ %
05		___ × ___ × ___	___ %
06		___ × ___ × ___	___ %
07		___ × ___ × ___	___ %
08		___ × ___ × ___	___ %
09		___ × ___ × ___	___ %
10		___ × ___ × ___	___ %

Step 2 – Define box matrix

Choose one standard box per cluster. Target: max. 20% void space per size.

Size	Inner dims L × W × H (mm)	Products (No.)	Void class	Fill required	Coverage
XS	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %
S	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %
M	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %
L	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %
XL	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %
___	___ × ___ × ___		<input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High		___ %

Step 3 – Validate (after 4 weeks)

Track actual usage per size. Below 5% coverage = candidate for removal.

Size	Usage	Void space observation	Action
XS	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove
S	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove
M	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove
L	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove
XL	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove
___	___ %		<input type="checkbox"/> Keep <input type="checkbox"/> Adjust <input type="checkbox"/> Remove

Target: Each size covers at least 5% of shipments. Total coverage of all standard sizes: 90% minimum.