

<b>CUSTOMER NEED</b>	<b>PRODUCT ATTRIBUTE(S)</b>	<b>UNITS</b>	<b>ENGINEERING SPECIFICATIONS</b>	<b>OWNER</b>
Ease of use	Cutting time	Seconds	< 40% of avg. time to cut by hand	Jamie
	Easy to cut	Pounds of force	< 5	Hazel
Accuracy	Tolerance of cut	Inches	Dimensions with 1/8	Wei
Versatility	Able to generate sufficient force for toughest vegetables	Newtons	150	Hazel
	Able to cut different sizes	Inches	$1 \leq \text{length} \leq 3 // 0.5 \leq \text{diameter} \leq 1$	Garrett
Ease of Storage	Size	Square inches	< 324	Stuart
	Weight	Pounds	< 20	Stewart
Food Safety	FDA approved materials	Binary	Uses stainless steel, delrin, etc.	Eliza
Safety	Blade Protected	Binary	Prevents blade interaction with hand while cutting	Jon
Cutting Tool Longevity	Durability of cutting tool	Number of cuts	1,000 until replacement	Katelyn
Maintainability	Blade easily replacable	Seconds	$\leq 30$	Garrett
Cleanability	Excess can be removed easily	Seconds	$\leq 10$	Hazel
	Internal cavities easily sanitized	Binary	Machine washable	Eliza
Affordability	Cost	USD	150-300	Nick