

Importance of Criteria	Selection Criteria	Material				Base Shape				Other			
		A	B	C	D	E	F	G	H	I	J	K	L
3	Material cost	1	0	1	1	0	0	0	0	0	0	0	0
9	Manufacturing cost	1	0	0	0	0	1	0	-1	-1	0	-1	0
3	Weight (CN3)	1	1	0	1	0	0	0	1	-1	0	1	0
9	Durability/Strength (CN6)	0	0	1	-1	0	1	0	0	0	0	0	1
9	Modularity (CN1, CN16)	1	0	0	0	1	0	1	0	1	0	-1	0
9	Ease of Assembly (CN15)	1	0	0	0	0	1	0	-1	-1	0	1	1
9	Stability (CN5)	0	0	0	0	1	1	1	1	0	0	0	0
3	Appearance (CN2)	1	1	0	1	0	1	0	-1	-1	0	1	0
	Total score	36	6	12	0	18	39	18	-9	-15	0	-3	18
	Decision	consider	discard	discard	discard	discard	consider	discard	discard	discard	discard	discard	consider

Concepts for Chassis	
A	T-Frame
B	Aluminum
C	Steel
D	Wood
E	Hexagon
F	Rectangle
G	Octagon
H	Enclosed thin-walled container
I	Multi-Layered (current design)
J	Single Layer
K	Moulded 'skin'
L	Gantry/Skeleton over base frame

Material
Base Shape
Other