

Pugh Decision Matrix

Criteria	Weight	Vertical Gear		Horizontal Gear		Pully System	
		Rating	Score	Rating	Score	Rating	Score
Ease(prod.)	5	3	15	2	10	3	15
Failure chance	5	2	10	4	20	3	15
Feasibility	4	4	16	2	8	1	4
Cost	3	3	9	2	6	5	15
Maintain	2	3	6	4	8	3	6
Total Scores			56		52		55