|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **wt.** | **Counterweight** | | **Motor** | | **Friction Joint** | | **Hydraulics** | | **Spring** |
| **Score Weighted Score**  **(/10)** | | **Score Weighted Score**  **(/10)** | | **Score Weighted Score**  **(/10)** | | **Score Weighted Score**  **(/10)** | | **Score Weighted Score**  **(/10)** |
| Weight Addition | **25** | 1 | 25 | 3 | 75 | 10 | 250 | 7 | 175 |  |
| Virtual Weight Addition | **20** | 3 | 60 | 10 | 200 | 5 | 100 | 5 | 100 |  |
| Size Amplification | **20** | 2 | 40 | 5 | 100 | 9 | 180 | 5 | 100 |  |
| Feasibility/Simplicity | **15** | 10 | 150 | 1 | 15 | 8 | 120 | 6 | 90 |  |
| Sterilizability | **15** | 3 | 45 | 3 | 45 | 10 | 150 | 1 | 15 |  |
| Cost (Predicted) | **5** | 10 | 50 | 2 | 10 | 9 | 45 | 5 | 25 |  |
| Total |  | **370** | | **445** | | **845** | | **505** | |  |