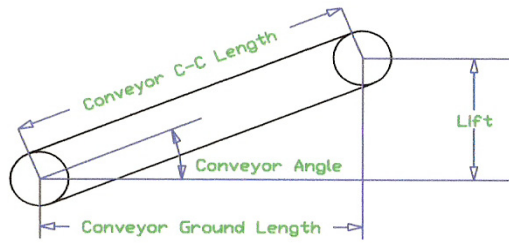


Allatoona Machinery Co.

CONVEYOR INCLINE CHART

Elevation in Feet



BASED ON CONVEYOR C TO C LENGTH

| Angle | Conveyor Center to Center Length (Feet) | | | | | | | | | | | | | |
|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 |
| 2 | | | | | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 |
| 4 | | | 2 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 8 | 10 | 12 | 13 |
| 6 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 11 | 13 | 15 | 17 | 19 |
| 8 | | 3 | 4 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 17 | 19 | 22 | 25 |
| 10 | 2 | 3 | 5 | 7 | 8 | 10 | 12 | 14 | 15 | 17 | 21 | 24 | 28 | 31 |
| 12 | 2 | 4 | 6 | 8 | 10 | 12 | 15 | 17 | 19 | 21 | 25 | 29 | 33 | 37 |
| 14 | 2 | 5 | 7 | 10 | 12 | 15 | 17 | 19 | 22 | 24 | 29 | 34 | 39 | 44 |
| 16 | 3 | 6 | 8 | 11 | 14 | 17 | 19 | 22 | 25 | 28 | 33 | 39 | 44 | 50 |
| 18 | 3 | 6 | 9 | 12 | 15 | 19 | 22 | 25 | 28 | 31 | 37 | 43 | 49 | 56 |
| 20 | 3 | 7 | 10 | 14 | 17 | 21 | 24 | 27 | 31 | 34 | 41 | 48 | 55 | 62 |
| 22 | 4 | 7 | 11 | 15 | 19 | 22 | 26 | 30 | 34 | 37 | 46 | 52 | 60 | 67 |
| 24 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 33 | 37 | 41 | 49 | 57 | 65 | 73 |
| | 200 | 225 | 250 | 275 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 |
| 2 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 18 | 21 | 25 | 28 | 32 | 35 |
| 4 | 14 | 16 | 18 | 19 | 21 | 25 | 28 | 32 | 35 | 42 | 49 | 58 | 63 | 70 |
| 6 | 21 | 24 | 26 | 29 | 32 | 37 | 42 | 47 | 53 | 63 | 74 | 84 | 95 | 105 |
| 8 | 28 | 31 | 35 | 38 | 42 | 49 | 56 | 63 | 70 | 83 | 97 | 111 | 125 | 139 |
| 10 | 35 | 39 | 46 | 49 | 52 | 61 | 70 | 78 | 87 | 104 | 121 | 138 | 157 | 174 |
| 12 | 42 | 47 | 52 | 57 | 62 | 73 | 83 | 94 | 104 | 125 | 146 | 166 | 187 | 208 |
| 14 | 48 | 54 | 61 | 67 | 73 | 85 | 97 | 109 | 121 | 145 | 166 | 194 | 218 | |
| 16 | 56 | 62 | 69 | 76 | 83 | 97 | 116 | 124 | 138 | 166 | 193 | 221 | | |
| 18 | 62 | 69 | 44 | 85 | 93 | 108 | 124 | 139 | 155 | 185 | 216 | | | |
| 20 | 68 | 77 | 86 | 94 | 103 | 120 | 137 | 154 | 171 | 205 | | | | |
| 22 | 75 | 84 | 94 | 103 | 113 | 131 | 150 | 169 | 188 | 225 | | | | |
| 24 | 81 | 92 | 102 | 112 | 122 | 142 | 163 | 183 | 203 | | | | | |

BASED ON CONVEYOR GROUND LENGTH

| Angle | Ground Length Center to Center (Feet) | | | | | | | | | | | | | |
|-------|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 |
| 2 | | | | | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 |
| 4 | | | 2 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 8 | 10 | 11 | 13 |
| 6 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 13 | 15 | 17 | 19 |
| 8 | | 3 | 4 | 6 | 7 | 8 | 10 | 11 | 13 | 14 | 17 | 20 | 22 | 25 |
| 10 | 2 | 4 | 5 | 7 | 9 | 11 | 12 | 14 | 16 | 18 | 21 | 25 | 28 | 32 |
| 12 | 2 | 4 | 6 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 26 | 30 | 34 | 38 |
| 14 | 3 | 5 | 7 | 10 | 12 | 15 | 17 | 20 | 22 | 25 | 30 | 35 | 40 | 45 |
| 16 | 3 | 6 | 9 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 34 | 4 | 46 | 52 |
| 18 | 3 | 6 | 10 | 13 | 16 | 19 | 23 | 26 | 29 | 32 | 39 | 45 | 52 | 58 |
| 20 | 4 | 7 | 11 | 15 | 18 | 22 | 25 | 29 | 33 | 36 | 44 | 51 | 58 | 66 |
| 22 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 48 | 57 | 65 | 73 |
| 24 | 4 | 9 | 13 | 16 | 22 | 27 | 31 | 36 | 40 | 45 | 53 | 62 | 71 | 80 |
| | 200 | 225 | 250 | 275 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 |
| 2 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 16 | 18 | 21 | 24 | 28 | 31 | 35 |
| 4 | 14 | 16 | 18 | 19 | 21 | 24 | 28 | 31 | 35 | 42 | 49 | 56 | 63 | 70 |
| 6 | 21 | 24 | 26 | 29 | 32 | 37 | 42 | 47 | 53 | 63 | 74 | 84 | 96 | 106 |
| 8 | 28 | 32 | 35 | 39 | 42 | 49 | 55 | 63 | 70 | 83 | 98 | 112 | 126 | 141 |
| 10 | 35 | 40 | 44 | 48 | 53 | 62 | 71 | 79 | 88 | 106 | 123 | 141 | 169 | 176 |
| 12 | 43 | 48 | 53 | 58 | 64 | 74 | 85 | 96 | 106 | 128 | 149 | 170 | 191 | 213 |
| 14 | 50 | 56 | 66 | 69 | 75 | 87 | 100 | 112 | 125 | 150 | 175 | 200 | | |
| 16 | 57 | 65 | 72 | 79 | 86 | 100 | 115 | 129 | 143 | 172 | 200 | | | |
| 18 | 65 | 73 | 81 | 90 | 97 | 114 | 130 | 146 | 162 | 195 | 227 | | | |
| 20 | 73 | 82 | 91 | 100 | 109 | 127 | 146 | 164 | 182 | 218 | | | | |
| 22 | 81 | 91 | 101 | 111 | 121 | 141 | 162 | 182 | 202 | | | | | |
| 24 | 89 | 100 | 111 | 122 | 134 | 156 | 178 | 200 | | | | | | |

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