## Input Parameters

| Parameter              | Value             |
|------------------------|-------------------|
| Spacing between rungs  | $25~\mathrm{cm}$  |
| Length of bottom rung  | $45~\mathrm{cm}$  |
| Length of top rung     | $25~\mathrm{cm}$  |
| Total length of ladder | $320 \mathrm{cm}$ |