

Tutorial: Build your PRmk1 in 3D

1. Choose your PRmk1 height

The height of the PRmk1 depends on the maximum infeed or outfeed height. The table below shows the PRmk1 height which belong to the selected maximum infeed or outfeed height. Behind the PRmk1 height you can find the sections you need to build your PRmk1.

The table is based on a PRmk1 including Qimarox RollerDrive conveyor (68mm high). Minimal in/ outfeed height¹ with conveyor mounting position high is 600mm. When conveyor mounting position is low, the minimal in / outfeed height² is 350mm, but the maximal product weight is limited. Consult Qimarox for more detailed specifications.

Maximum infeed/ outfeed height ¹ (mm)	Maximum infeed/ outfeed height ² (mm)	PRmk1 height (mm)	Bottom section	Mid section	Top section
≤ 2610	≤ 2360	2950	1475	None	1475
≤ 2860	≤ 2610	3200	1725	None	1475
≤ 3110	≤ 2860	3450	1725	None	1725
≤ 3360	≤ 3110	3700	1975	None	1725
≤ 3610	≤ 3360	3950	1975	None	1975
≤ 3860	≤ 3610	4200	1475	1x 1250	1475
≤ 4110	≤ 3860	4450	1725	1x 1250	1475
≤ 4360	≤ 4110	4700	1725	1x 1250	1725
≤ 4610	≤ 4360	4950	1975	1x 1250	1725
≤ 4860	≤ 4610	5200	1975	1x 1250	1975
≤ 5110	≤ 4860	5450	1975	1x 1750	1725
≤ 5360	≤ 5110	5700	1975	1x 1750	1975
≤ 5610	≤ 5360	5950	1475	1x 1250; 1x 1750	1475
≤ 5860	≤ 5610	6200	1725	1x 1250; 1x 1750	1475
≤ 6110	≤ 5860	6450	1725	1x 1250; 1x 1750	1725
≤ 6360	≤ 6110	6700	1725	2x 1750	1475
≤ 6610	≤ 6360	6950	1725	2x 1750	1725
≤ 6860	≤ 6610	7200	1975	2x 1750	1725
≤ 7110	≤ 6860	7450	1975	2x 1750	1975
≤ 7360	≤ 7110	7700	1475	1x 1250; 2x 1750	1475
≤ 7610	≤ 7360	7950	1725	1x 1250; 2x 1750	1475
≤ 7860	≤ 7610	8200	1725	1x 1250; 2x 1750	1725
≤ 8110	≤ 7860	8450	1975	1x 1250; 2x 1750	1725
≤ 8360	≤ 8110	8700	1725	3x 1750	1725
≤ 8610	≤ 8360	8950	1975	3x 1750	1725
≤ 8860	≤ 8610	9200	1975	3x 1750	1975
≤ 9110	≤ 8860	9450	1725	2x 1250; 2x 1750	1725
≤ 9360	≤ 9110	9700	1975	2x 1250; 2x 1750	1725
≤ 9610	≤ 9360	9950	1975	2x 1250; 2x 1750	1975
≤ 9860	≤ 9610	10200	1975	1x 1250; 3x 1750	1725

≤ 10110	≤ 9860	10450	1725	4x 1750	1725
≤ 10360	≤ 10110	10700	1975	4x 1750	1725
≤ 10610	≤ 10360	10950	1975	4x 1750	1975
≤ 10860	≤ 10610	11200	1975	3x 1250; 2x 1750	1975
≤ 11110	≤ 10860	11450	1975	2x 1250; 3x 1750	1725
≤ 11360	≤ 11110	11700	1975	2x 1250; 3x 1750	1975

Consult Qimarox when your column height exceeds 11700mm.

2. Choose your PRmk1 RollerDrive conveyor size

The conveyor size is depending on the product dimensions. When using a Qimarox RollerDrive conveyor, choose one of the conveyor sizes from the table below, which belong to your product dimensions.

Maximum product size (mm)	Conveyor size (mm)
≤ 610x410	825x560
≤ 610x610	825x760
≤ 910x410	1125x560
≤ 910x610	1125x760

3. Configure your PRmk1

Open the required sections from the previously downloaded zipfiles (see step 1). Place the sections on top of each other.

Place the conveyor with the bottom on top of the tubes. Align the conveyor centered on the tubes. The default distance between the back of the conveyor and the front of the column is X=58mm.

Your PRmk1 is now complete!

