

# **Manual de Ensamblaje de la Banda Transportadora con Fischertechnik**

Trabajo de Tesis – Ingeniería Mecatrónica

Autores: Neil Sebastian Castro Caicedo – Hubert Armando Delgado Maestre

## 1. Introducción

Este manual describe el proceso de ensamblaje paso a paso de la banda transportadora realizado con el sistema modular Fischertechnik. El objetivo de este documento es servir como guía clara y detallada para replicar el prototipo como parte del proyecto de tesis.

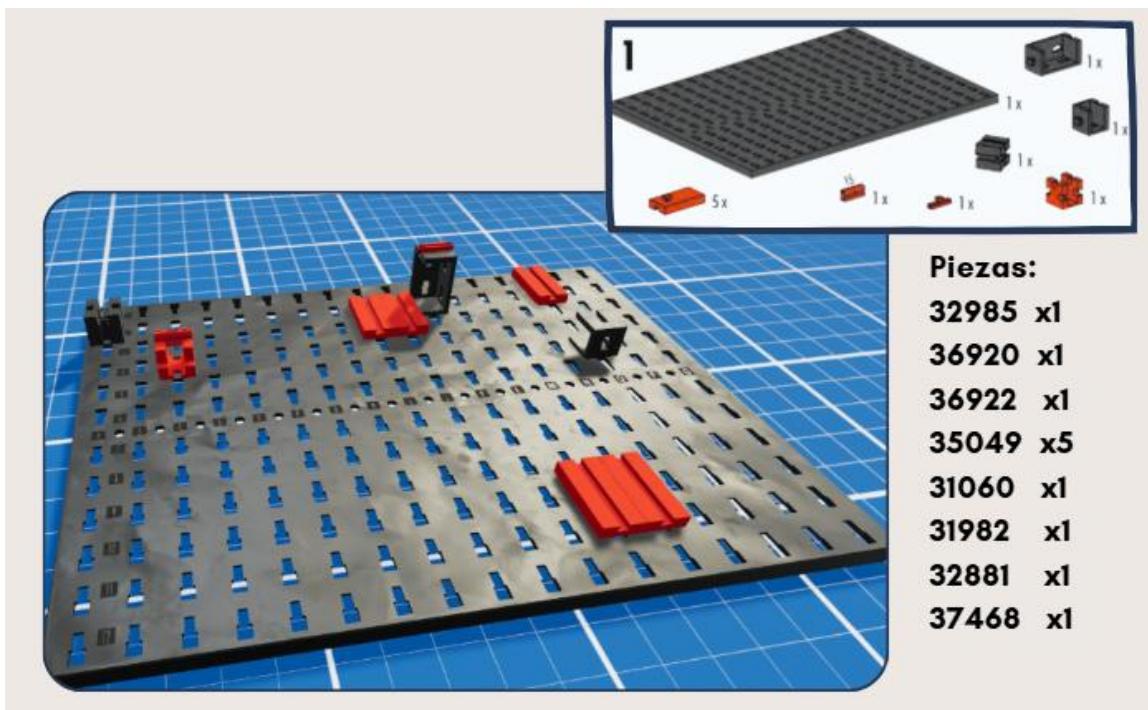
## 2. Lista de materiales

	31011		35049		36950		38259
	4		4		5		2
	31060		35063		37237		135484
	1		1		6		2
	31061		35064		37238		
	8		3		3		
	31330		35073		37468		
	2		2		2		
	31762		35945		37679		
	94		2		4		
	31981		35969		37783		
	8		4		1		

	31982		36134		38240	
	10		1		1	
	32071		36248		38428	
	2		94		3	
	32330		36334		38464	
	3		4		2	
	32879		36532		128599	
	25		2		1	
	32880		36920		130593	
	4		11		1	
	32881		36921		37869	
	10		3		1	
	32985		36922		172542	
	1		6		8	

### 3. Proceso de ensamblaje

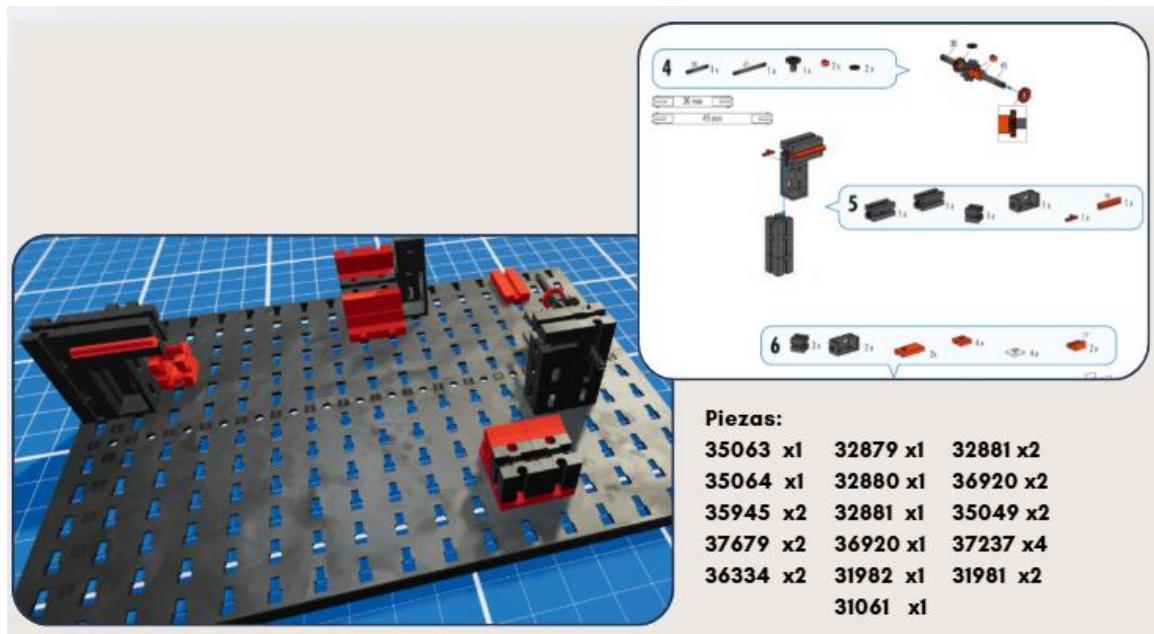
#### Paso 1



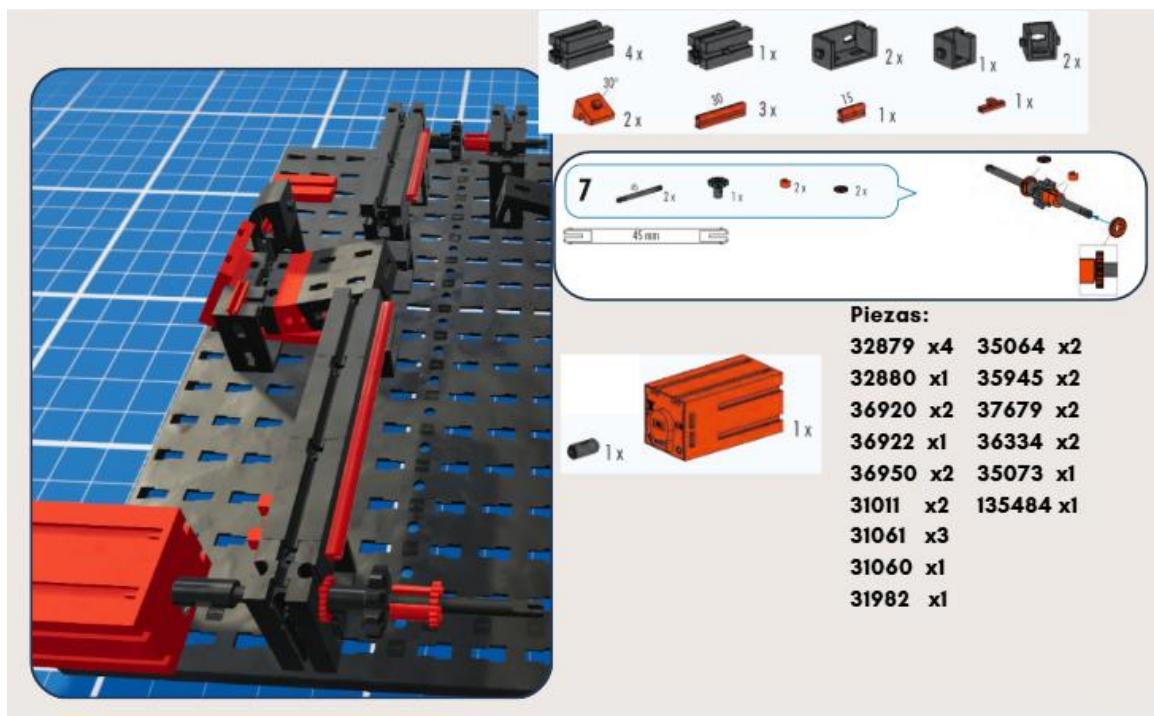
#### Paso 2



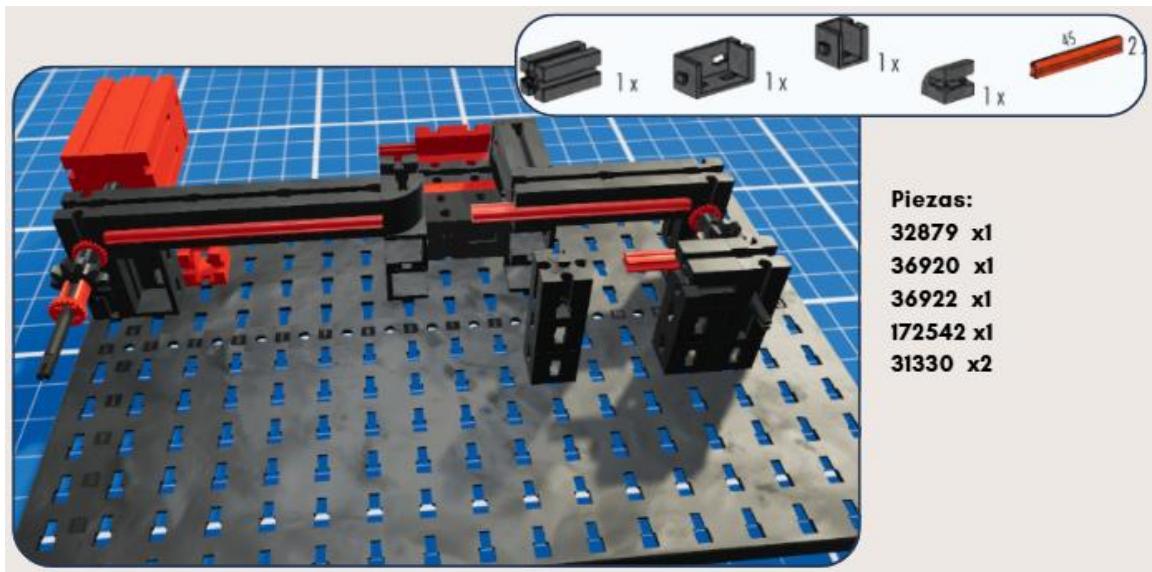
## Paso 3



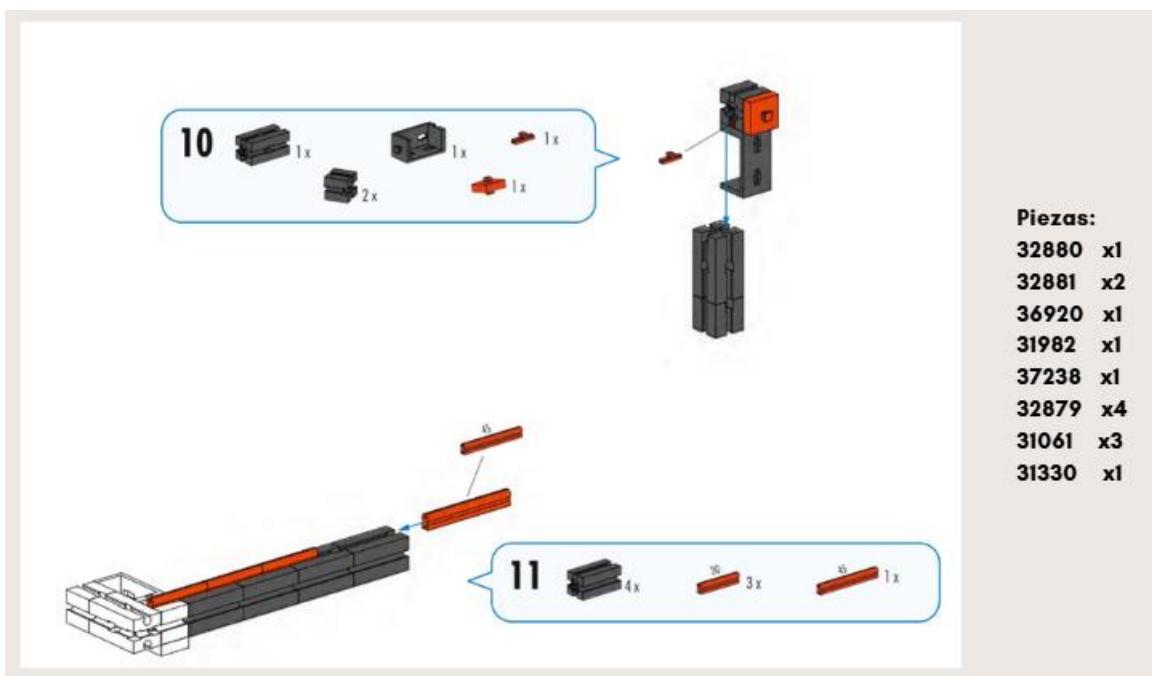
## Paso 4

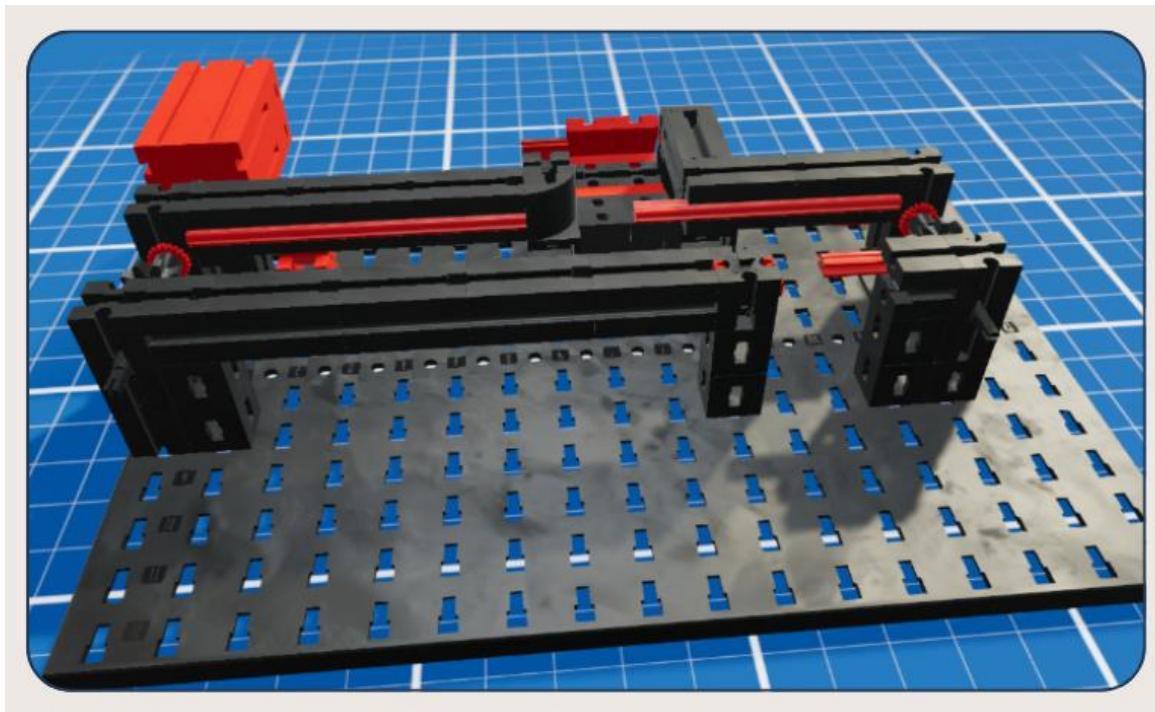


## Paso 5

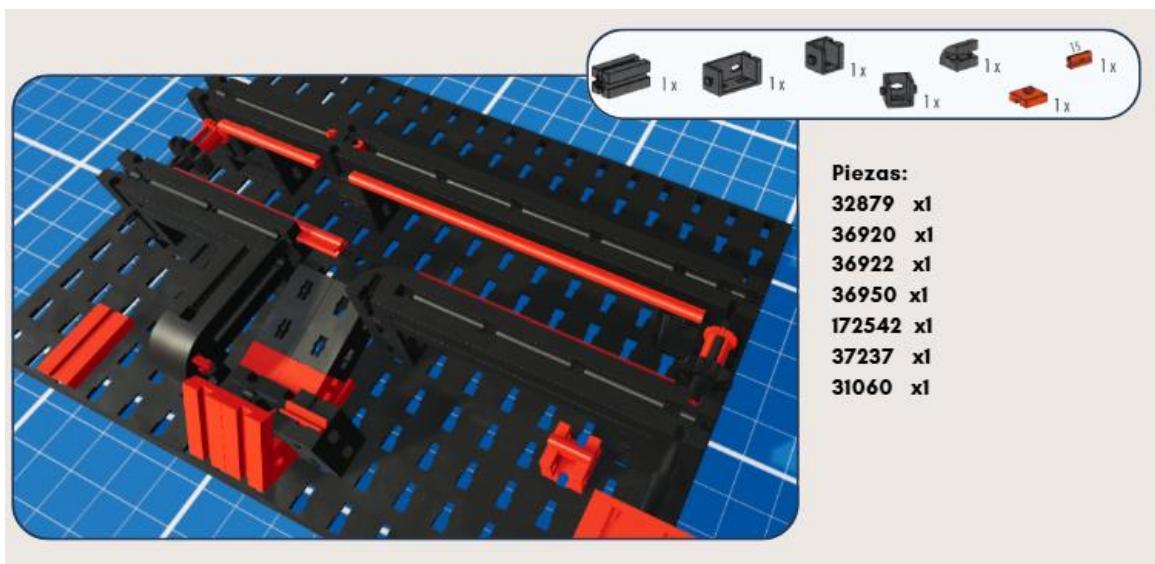


## Paso 6



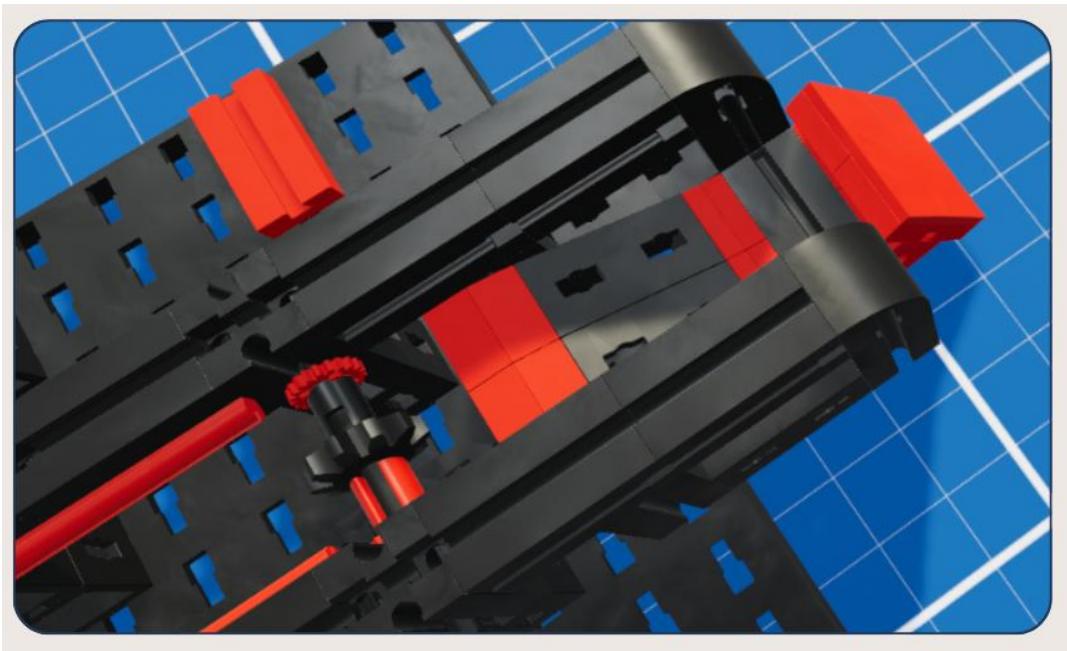


### Paso 7

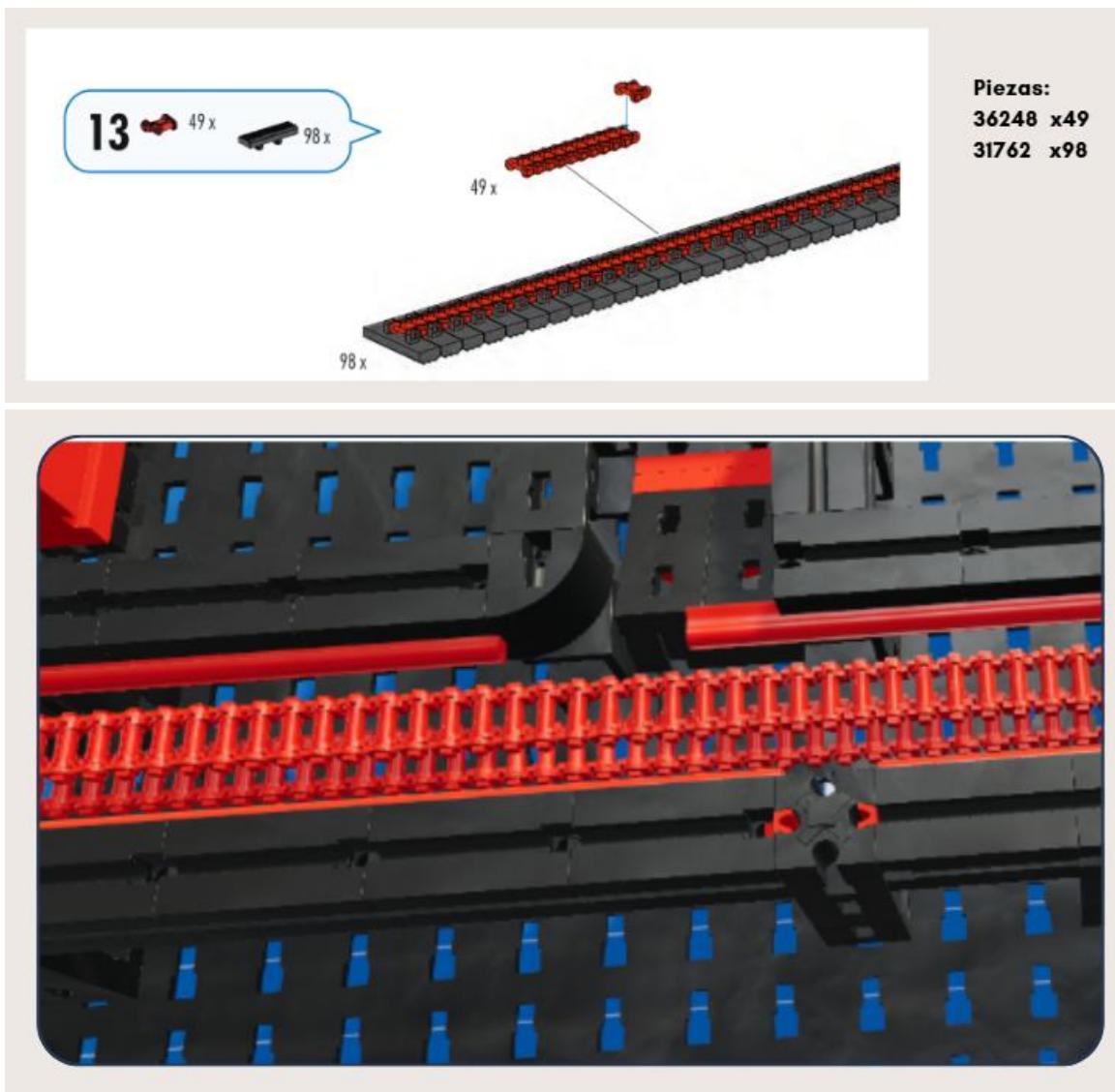


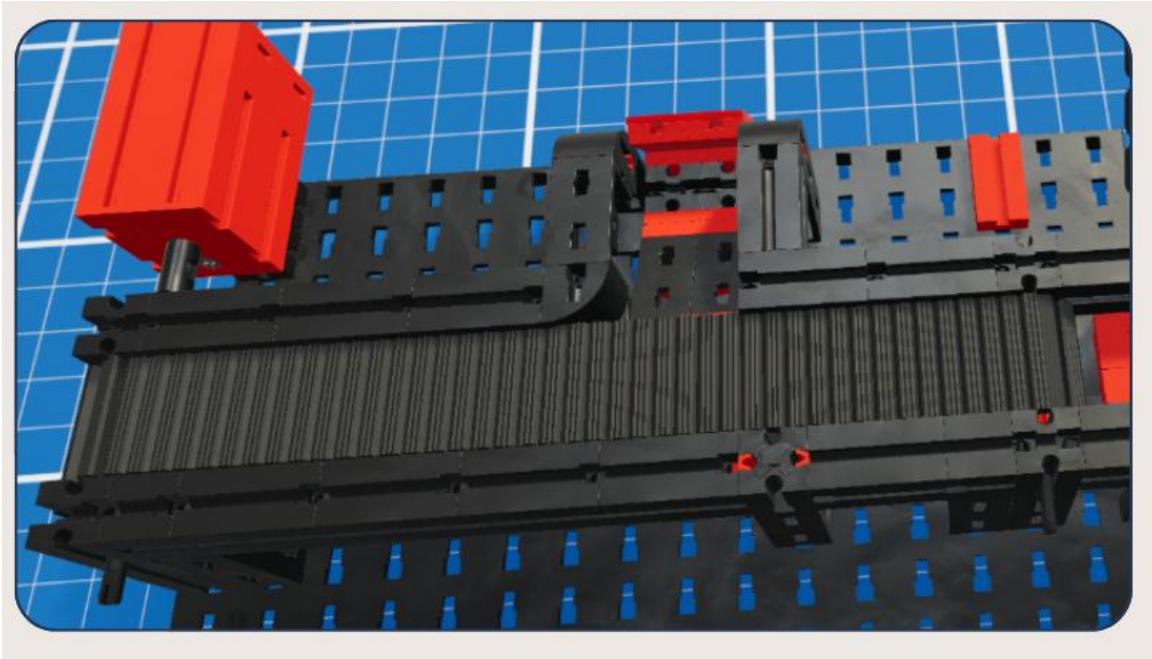
## Paso 8



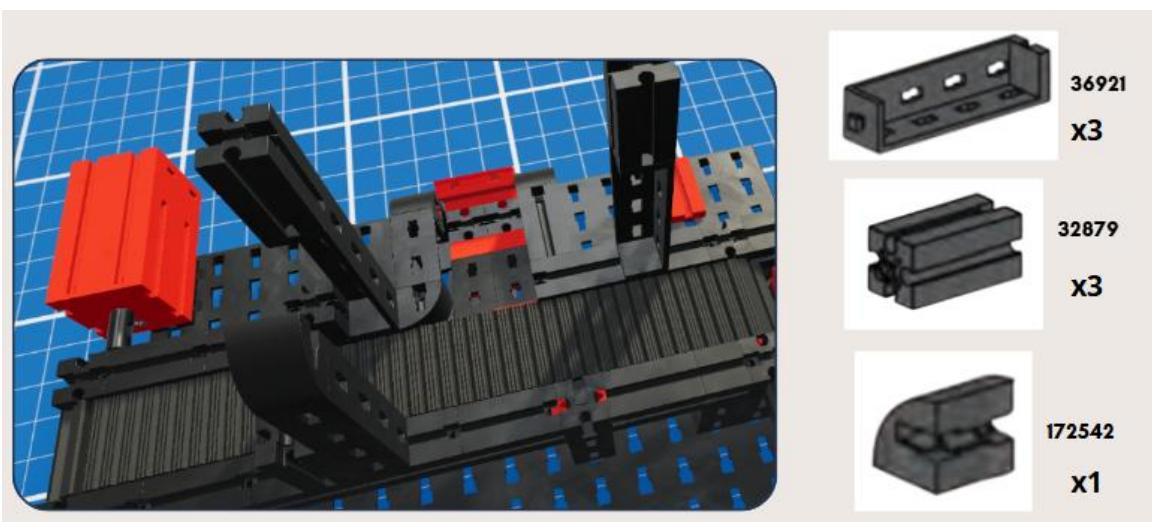


## Paso 9

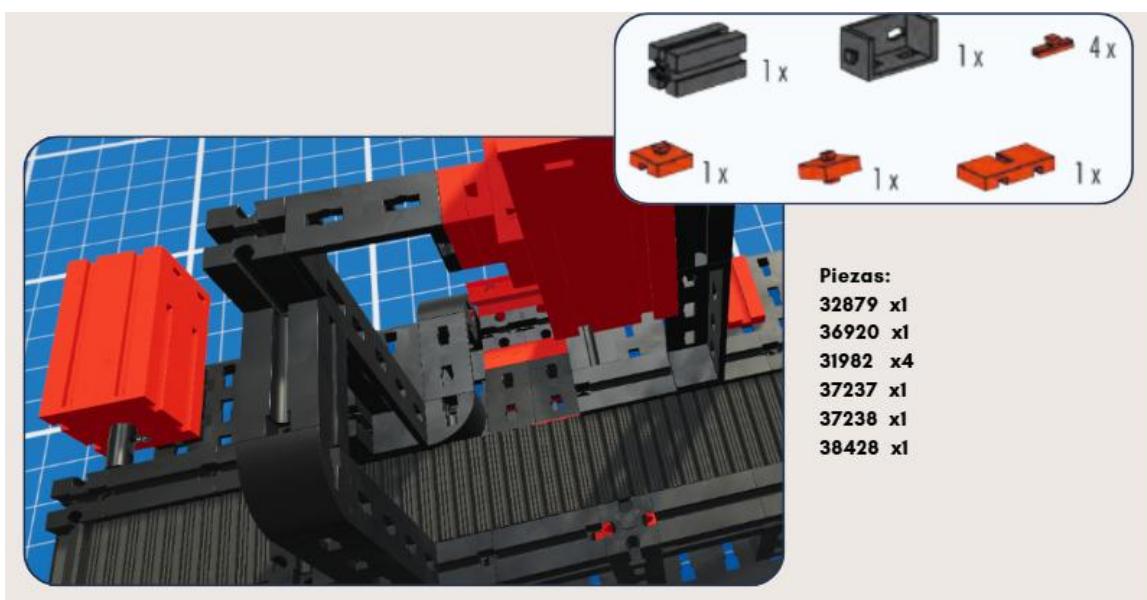
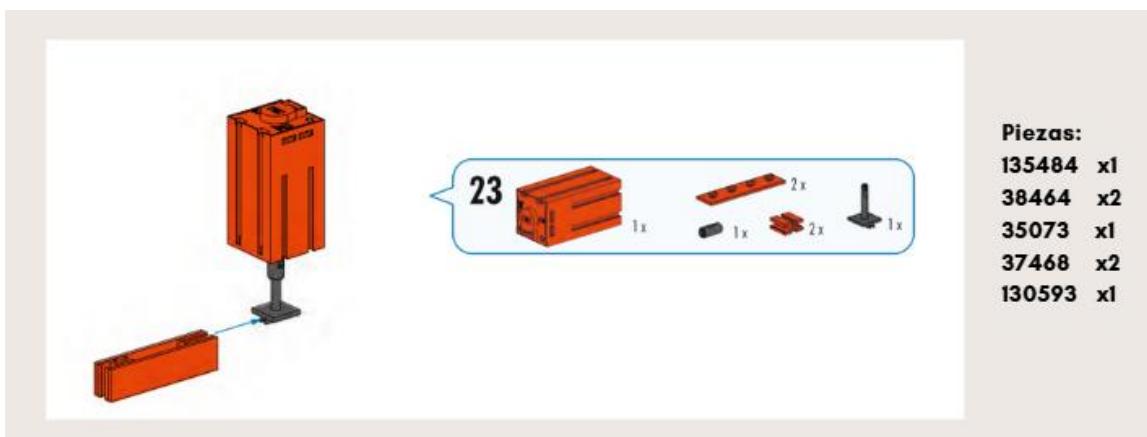




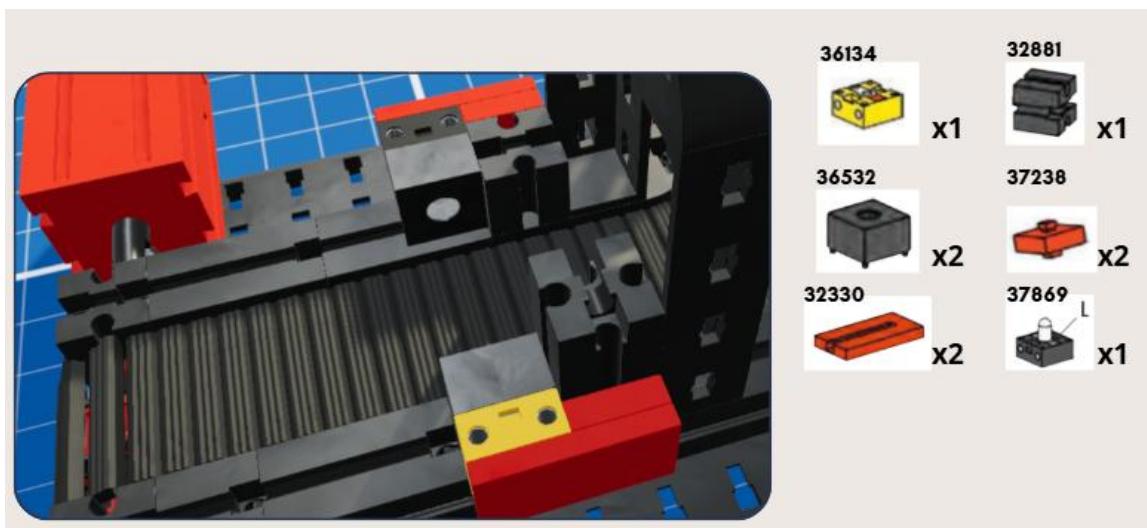
### Paso 10



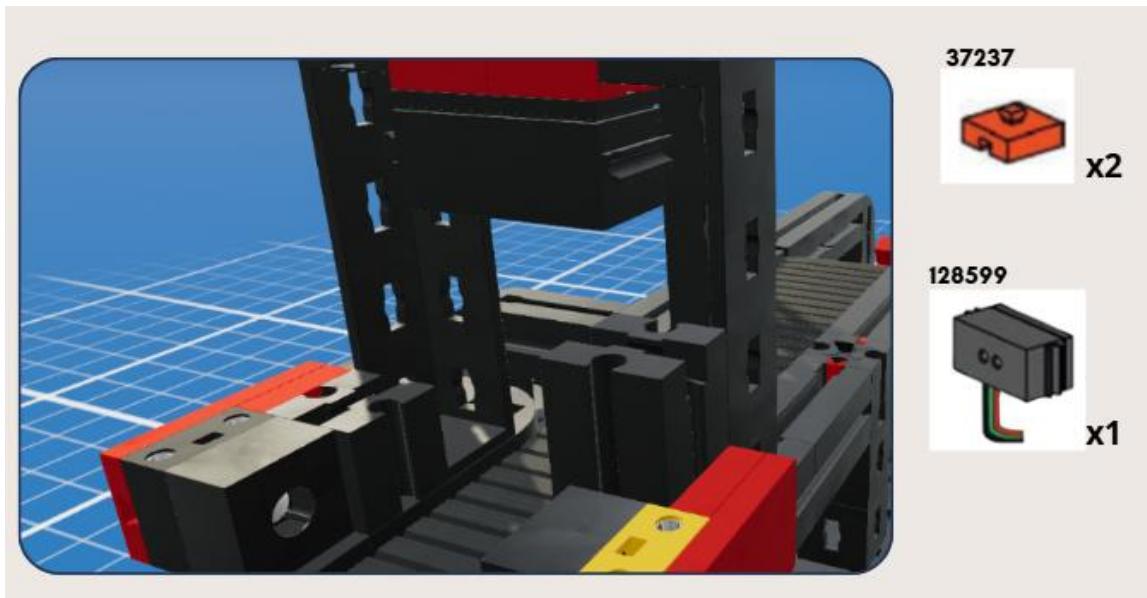
## Paso 11



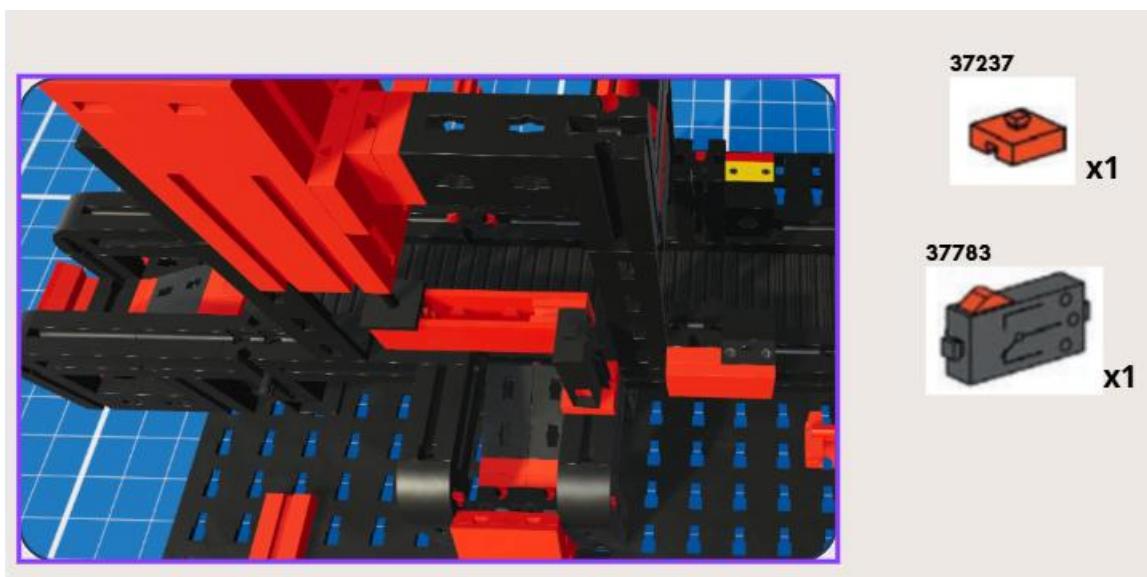
## Paso 12



Paso 13



Paso 14



**FINALIZADO**

