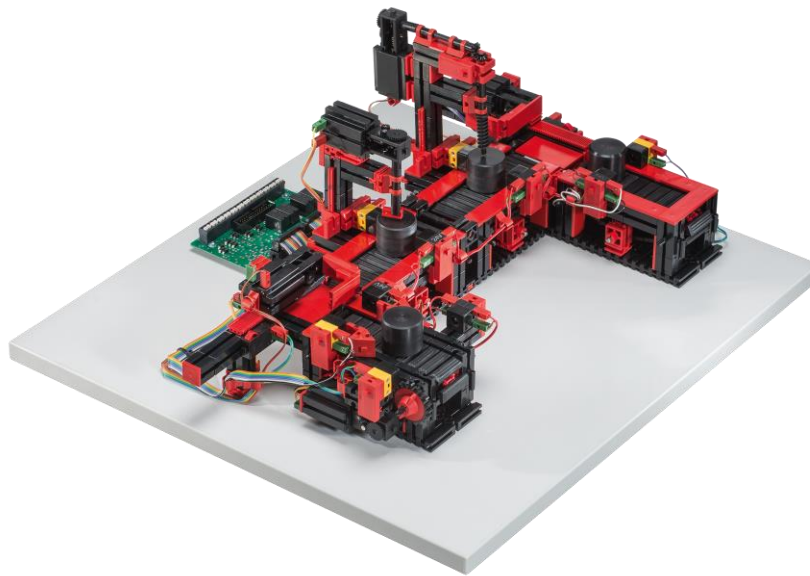
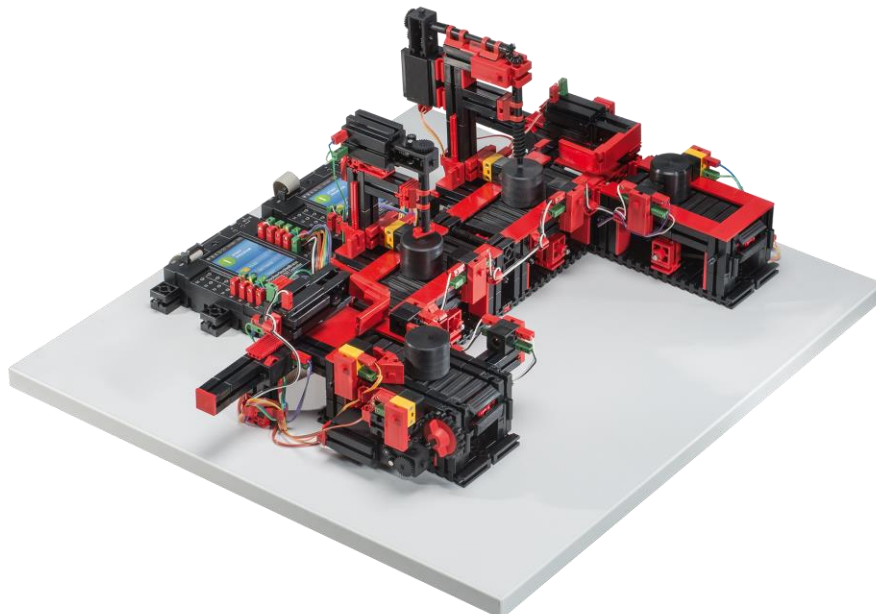


**Simulation and Training Model Documentation**

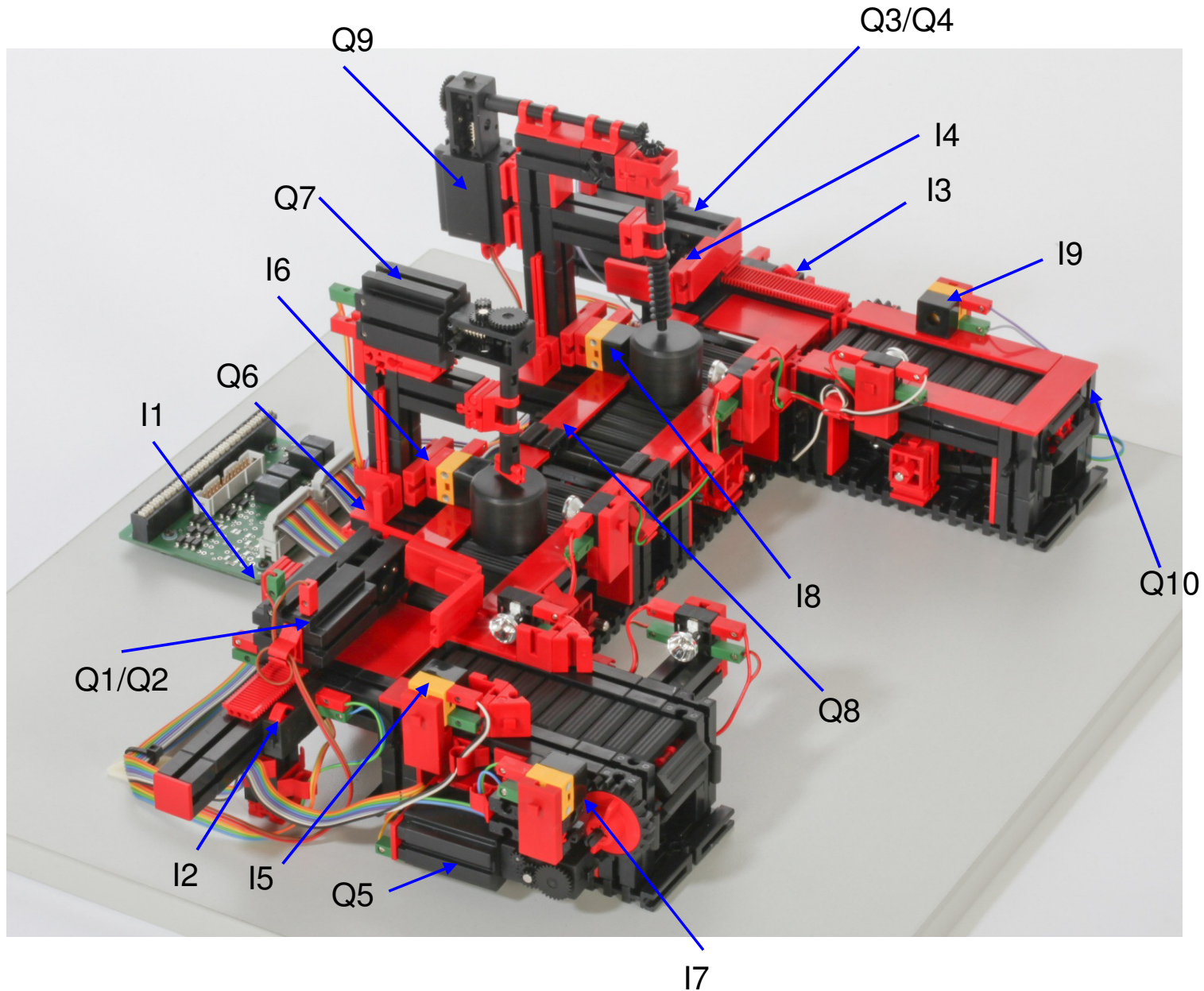
**Indexed Line with Two Machining Stations: 24V #96790**



**Indexed Line with Two Machining Stations: 9V #51664**



# Taktstraße mit 2 Bearbeitungsstationen 24V Indexed line with 2 machining stations 24V

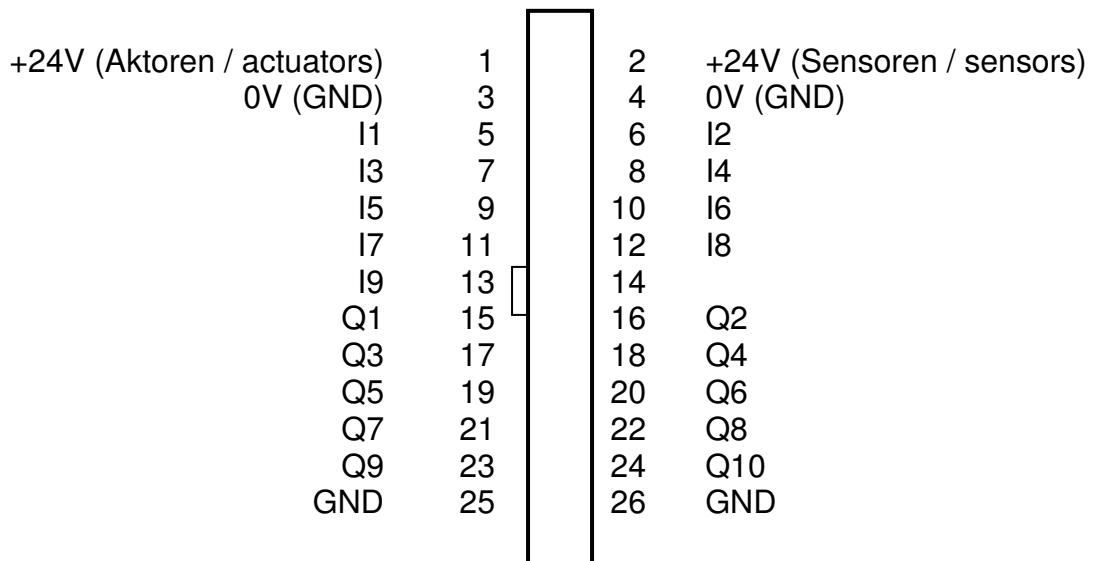


Belegungsplan für Taktstraße mit 2 Bearbeitungsmaschinen 24V (Art.-Nr. 96790)  
Circuit layout for Indexed line with 2 machining stations 24V (item-no. 96790)

<b>Klemme Nr. Terminal no.</b>	<b>Funktion Function</b>	<b>Eingang/Ausgang Input/Output</b>
1	Stromversorgung (+) Aktoren power supply (+) actuators	24V DC
2	Stromversorgung (+) Sensoren power supply (+) sensors	24V DC
3	Stromversorgung (-) power supply (-)	0V
4	Stromversorgung (-) power supply (-)	0V
5	Taster Schieber 1 vorne Push-button slider 1 front	I1
6	Taster Schieber 1 hinten Push-button slider 1 rear	I2
7	Taster Schieber 2 vorne Push-button slider 2 front	I3
8	Taster Schieber 2 hinten Push-button slider 2 rear	I4
9	Fototransistor Schieber 1 Phototransistor slider1	I5
10	Fototransistor Fräsmaschine Phototransistor milling machine	I6
11	Fototransistor Einlegestation Phototransistor loading station	I7
12	Fototransistor Bohrmaschine Phototransistor drilling machine	I8
13	Fototransistor Auslagerband Phototransistor conveyor belt swap	I9
14		
15	Motor Schieber 1 vor motor slider 1 forward	Q1
16	Motor Schieber 1 zurück motor slider 1 backward	Q2
17	Motor Schieber 2 vor motor slider 2 forward	Q3

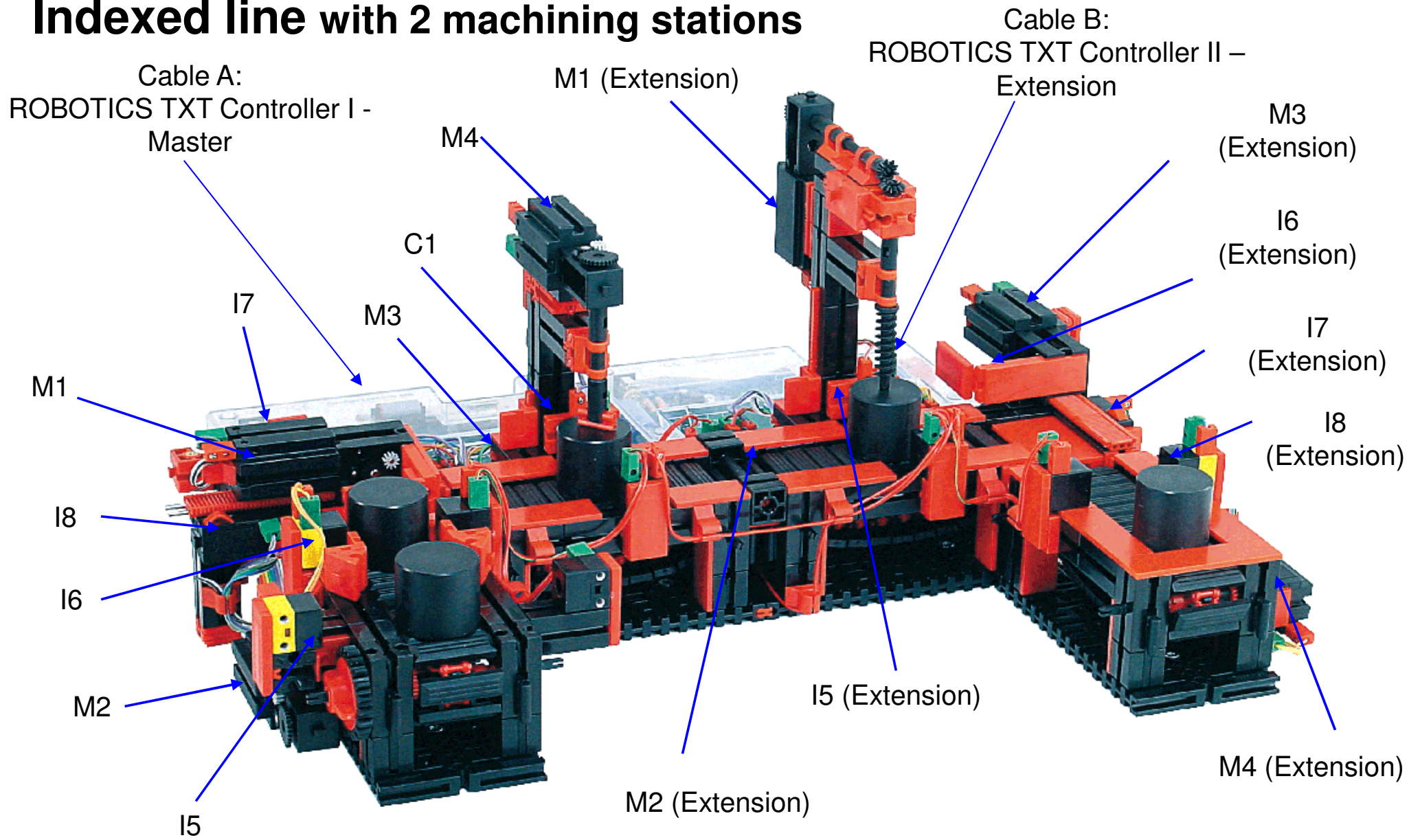
18	Motor Schieber 2 zurück motor slider 2 backward	Q4
19	Motor Zuführband motor conveyor belt feed	Q5
20	Motor Band Fräsmaschine motor conveyor belt milling machine	Q6
21	Motor Fräser motor milling machine	Q7
22	Motor Band Bohrmaschine motor conveyor belt drilling machine	Q8
23	Motor Bohrmaschine motor drilling machine	Q9
24	Motor Band Ausgang motor conveyor belt swap	Q10

**26pol. Steckerleiste**



# Taktstraße mit 2 Bearbeitungsstationen

## Indexed line with 2 machining stations



Circuit layout for Indexed line (item-no. 51664, 96790)

Circuit layout A (ROBO TX Controller I -Master / ROBO Interface)

No.	cable color	pin connector 20-pin	ROBO TX Controller I	ROBO Interface	function
1	brown1	1	I5	I1	photo-transistor insertion-station
2	red1	2	I5	I1	photo-transistor insertion-station (+)
3	orange1	3	I6	I2	photo-transistor pusher (+)
4	yellow1	4	I6	I2	photo-transistor pusher
5	green1	5	I7	I3	switch pusher 1 forwards
6	blue1	6	I7	I3	switch pusher 1 forwards
7	violett1	7	I8	I4	switch pusher 1 backwards
8	grey1	8	I8	I4	switch pusher 1 backwards
9	white1	9	M1	M1	motor pusher 1
10	black1	10	M1	M1	motor pusher 1
11	brown2	11	M2	M2	motor conveyer
12	red2	12	M2	M2	motor conveyer
13	orange2	13	M3	M3	motor conveyer milling machine
14	yellow2	14	M3	M3	motor conveyer milling machine
15	green2	15	M4	M4	motor milling cutter
16	blue2	16	M4	M4	motor milling cutter
17	violett2	17	C1	I5	photo-transistor milling machine (+)
18	grey2	18	C1	I5	photo-transistor milling machine
19	-	19	-	-	-
20	-	20	-	-	-

Circuit layout B (ROBO TX Controller II – Extension / ROBO I/O-Extension)

No.	cable color	pin connector 20-pin	ROBO TX Controller II	ROBO I/O-Extension	function
1	brown1	1	I5	I1	photo-transistor drilling machine
2	red1	2	I5	I1	photo-transistor drilling machine
3	orange1	3	M1	M1	motor drill bit
4	yellow1	4	M1	M1	Motor drill bit
5	green1	5	M2	M2	conveyer drilling machine
6	blue1	6	M2	M2	conveyer drilling machine
7	violett1	7	I6	I2	switch pusher 2 backwards
8	grey1	8	I6	I2	switch pusher 2 backwards
9	white1	9	I7	I3	switch pusher 2 forwards
10	black1	10	I7	I3	switch pusher 2 forwards
11	brown2	11	M3	M3	motor pusher 2
12	red2	12	M3	M3	motor pusher 2
13	orange2	13	M4	M4	motor release conveyer
14	yellow2	14	M4	M4	motor release conveyer
15	green2	15	I8	I4	photo-transistor release conveyer
16	blue2	16	I8	I4	photo-transistor release conveyer (+)
17	violett2	17	+	+	lamps (+)
18	grey2	18	⊥	⊥	lamps (earth/ground)
19	-	19	-	-	-
20	-	20	-	-	-

10 May 2011  
FT-T/KUJ

Photos Indexed line

