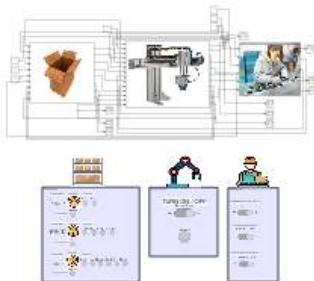


simulink_model_complete



anton

27-Mar-2020 14:07:31

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Full Model Hierarchy

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2. [Subsystem1](#)
3. [Subsystem2](#)

Simulation Parameter	Value
Solver	VariableStepAuto
RelTol	1e-3
Refine	1
MaxOrder	5
ZeroCross	on

[\[more info\]](#)

Machine - simulink_model_complete

Machine	simulink_model_complete
Charts	Chart10 Chart4 Chart9 Chart Chart1 Chart2 Chart3 Chart5 Chart6 Chart7 Chart8

[\[more info\]](#)

System - simulink_model_complete

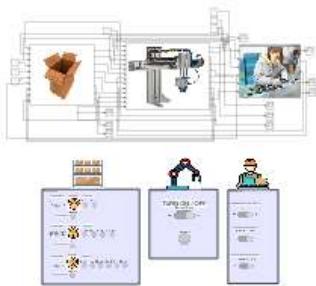


Tabella 1. Constant Block Properties

Name	Value	Out Data Type Str	Lock Scale	Sample Time	Frame Period
Constant1	1	Inherit: Inherit from 'Constant value'	off	inf	inf
Constant10	1	Inherit: Inherit from 'Constant value'	off	inf	inf

Name	Value	Out Data Type Str	Lock Scale	Sample Time	Frame Period
Constant11	1	Inherit: Inherit from 'Constant value'	off	inf	inf
Constant12	1	Inherit: Inherit from 'Constant value'	off	inf	inf
Constant2	1	Inherit: Inherit from 'Constant value'	off	inf	inf
Constant3	1	Inherit: Inherit from 'Constant value'	off	inf	inf
Constant4	1	Inherit: Inherit from 'Constant value'	off	inf	inf

Tabella 2. LampBlock Block Properties

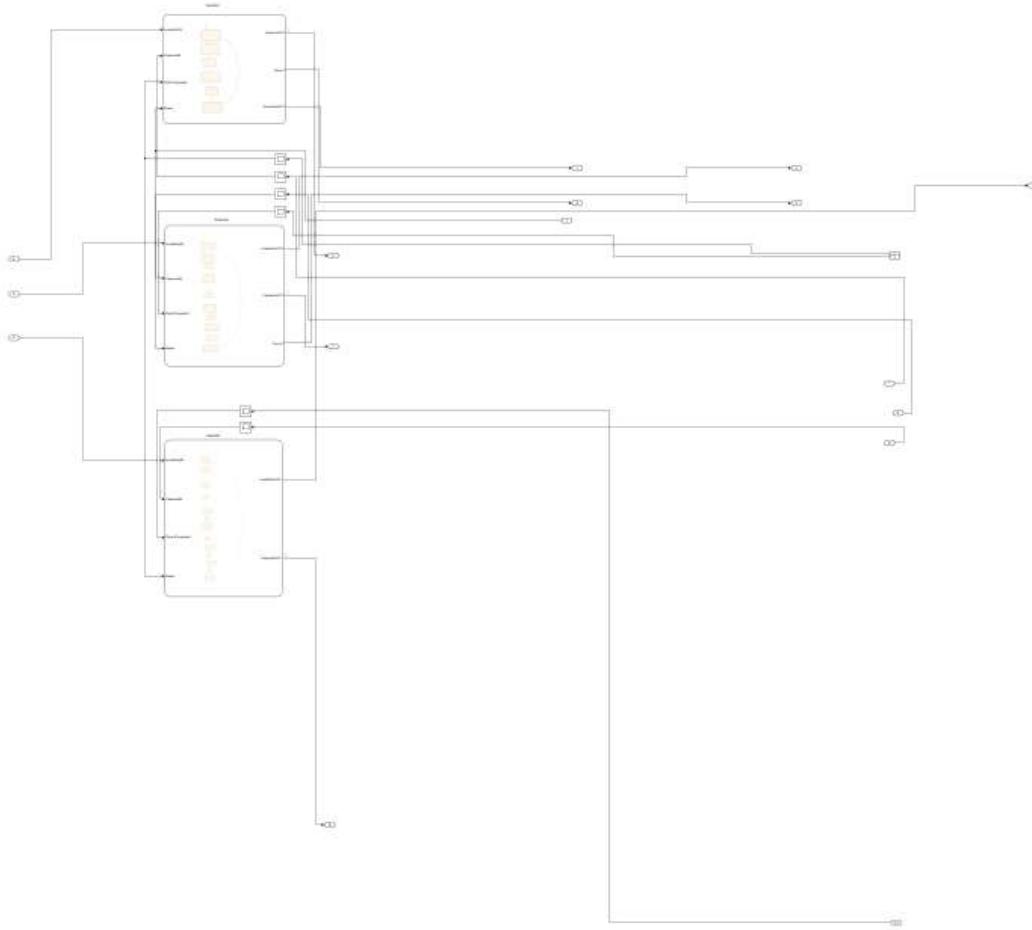
Name	Label Position	Binding	Show Initial Text	Color Default	State Colors
Lamp1	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[2x1 struct w/ fields: Value, Color]
Lamp10	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]
Lamp11	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]
Lamp12	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]
Lamp13	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]
Lamp14	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[2x1 struct w/ fields: Value, Color]
Lamp15	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[2x1 struct w/ fields: Value, Color]
Lamp16	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]
Lamp2	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[2x1 struct w/ fields: Value, Color]
Lamp3	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[3x1 struct w/ fields: Value, Color]
Lamp4	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[3x1 struct w/ fields: Value, Color]
Lamp5	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[5x1 struct w/ fields: Value, Color]
Lamp6	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[5x1 struct w/ fields: Value, Color]
Lamp7	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[5x1 struct w/ fields: Value, Color]
Lamp8	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[5x1 struct w/ fields: Value, Color]
Lamp9	Top	<Simulink.HMI.SignalSpecification>	on	[0.75294 0.75294 0.75294]	[7x1 struct w/ fields: Value, Color]

Tabella 3. SliderSwitchBlock Block Properties

Name	Label Position	Binding	Show Initial Text	States
Slider Switch	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch11	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch12	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch13	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch5	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch7	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]
Slider Switch9	Top	<Simulink.HMI.ParamSourceInfo>	on	[2x1 struct w/ fields: Value, Label]

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[Chart - Chart10](#)[Chart - Chart4](#)[Chart - Chart9](#)**Tabella 4. Chart Block Properties**

Name	Chart
Chart10	Chart10
Chart4	Chart4
Chart9	Chart9

Tabella 5. Import Block Properties

Name	Port	Defined In Blk
In1	1	Memory
In10	10	SFunction
In2	2	SFunction
In3	3	SFunction
In4	4	Constant1
In5	5	Constant3
In6	6	Constant4
In7	7	SFunction
In8	8	SFunction
In9	9	SFunction

Tabella 6. Memory Block Properties

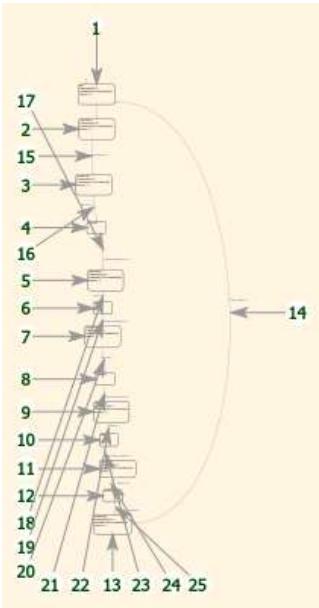
Name	Inherit Sample Time	Linearize Memory	Linearize As Delay	State Storage Class
Memory1	off	off	off	Auto
Memory2	off	off	off	Auto
Memory4	off	off	off	Auto
Memory5	off	off	off	Auto
Memory6	off	off	off	Auto
Memory7	off	off	off	Auto

Tabella 7. Outport Block Properties

Name	Port	Storage Class	Icon Display	Lock Scale	Unit	Var Size Sig	Signal Type	Ensure Outport Is Virtual	Source Of Initial Output Value	Output When Disabled	Must Resolve To Signal Object	Output When Unconnected	Output When Unconnected Value	Vector Params As 1DFor Out When Unconnected	Used By Blk
Out1	1	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out2	2	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out3	3	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out4	4	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out5	5	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out6	6	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction, SFunction, Scope1
Out7	7	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction, SFunction, Scope
Out8	8	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction, SFunction, Scope2

Chart - Chart10

Chart	simulink_model_complete/Chart10
States	Idle Capienza6 Capienza5 Waiting4 Capienza4 Waiting3 Capienza3 Waiting2 Capienza2 Waiting Capienza1 Waiting1 Capienza0
Transitions	DefaultTransition6 [CapienzaIN==1] Transition30 [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1] [Reset==1] [Place3Completed==1]
Data	AvailabilityIN CapienzaIN Place3Completed Reset AvailabilityOUT CapienzaOUT



- (1) [Idle](#)
- (2) [Capienza6](#)
- (3) [Capienza5](#)
- (4) [Waiting4](#)
- (5) [Capienza4](#)
- (6) [Waiting3](#)
- (7) [Capienza3](#)
- (8) [Waiting2](#)
- (9) [Capienza2](#)
- (10) [Waiting](#)
- (11) [Capienza1](#)
- (12) [Waiting1](#)
- (13) [Capienza0](#)
- (14) [CapienzaIN==1]
- (15) [Place3Completed==1]
- (16) [Reset==1]
- (17) [Place3Completed==1]
- (18) [Reset==1]
- (19) [Place3Completed==1]
- (20) [Reset==1]
- (21) [Place3Completed==1]
- (22) [Reset==1]
- (23) [Place3Completed==1]
- (24) [Reset==1]
- (25) [Place3Completed==1]

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- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
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- 1.5. [Chart3](#)
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- 1.7. [Chart1](#)
- 1.8. [Chart](#)
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- 1.10. [Chart4](#)
- 1.11. [Chart10](#)

1.11.1. Data: [AvailabilityIN](#), [CapienzaIN](#), [Place3Completed](#), [Reset](#), [AvailabilityOUT](#), [CapienzaOUT](#)

Transition: [Reset==1], [Place3Completed==1], [Place3Completed==1], DefaultTransition6, [Place3Completed==1], [Place3Completed==1]

1.11.2. [CapienzaIN==1], Transition30, [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Reset==1]

- 1.11.3. [Waiting3](#)
- 1.11.4. [Waiting2](#)
- 1.11.5. [Capienza2](#)
- 1.11.6. [Capienza1](#)
- 1.11.7. [Idle](#)
- 1.11.8. [Waiting4](#)
- 1.11.9. [Capienza6](#)
- 1.11.10. [Capienza3](#)
- 1.11.11. [Waiting1](#)
- 1.11.12. [Capienza4](#)
- 1.11.13. [Waiting](#)
- 1.11.14. [Capienza5](#)
- 1.11.15. [Capienza0](#)

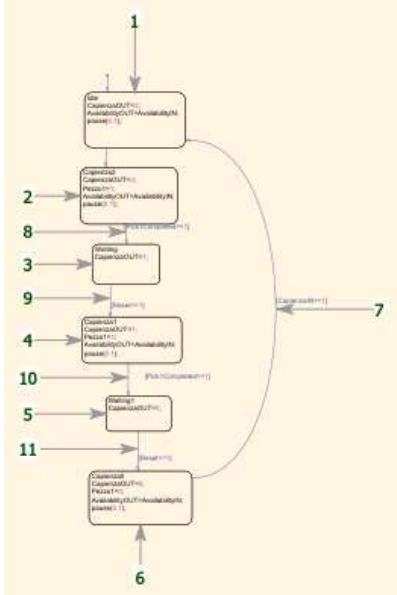
OR State	simulink_model_complete/Chart10/Idle
Label	Idle CapienzaOUT=0; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Capienza6
Label	Capienza6 CapienzaOUT=0; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Capienza5
Label	Capienza5 CapienzaOUT=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Waiting4
Label	Waiting4
OR State	simulink_model_complete/Chart10/Capienza4
Label	Capienza4 CapienzaOUT=2; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Waiting3
Label	Waiting3
OR State	simulink_model_complete/Chart10/Capienza3
Label	Capienza3 CapienzaOUT=3; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Waiting2
Label	Waiting2
OR State	simulink_model_complete/Chart10/Capienza2
Label	Capienza2 CapienzaOUT=4; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Waiting
Label	Waiting
OR State	simulink_model_complete/Chart10/Capienza1

OR State	simulink_model_complete/Chart10/Capienza1
Label	Capienza1 CapienzaOUT=5; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart10/Waiting1
Label	Waiting1

OR State	simulink_model_complete/Chart10/Capienza0
Label	Capienza0 CapienzaOUT=6; AvailabilityOUT=AvailabilityIN; pause(0.1);

Chart - Chart4

Chart	simulink_model_complete/Chart4
States	Idle Capienza2 Waiting Capienza1 Waiting1 Capienza0
Transitions	DefaultTransition2 [CapienzaIN==1] Transition12 [Pick1Completed==1] [Reset==1] [Pick1Completed==1] [Reset==1]
Data	AvailabilityIN CapienzaOUT Pezzo1 AvailabilityOUT CapienzaIN Pick1Completed Reset



- (1) [Idle](#)
- (2) [Capienza2](#)
- (3) [Waiting](#)
- (4) [Capienza1](#)
- (5) [Waiting1](#)

- (6) [Capienza0](#)
- (7) [CapienzaIN==1]
- (8) [Pick1Completed==1]
- (9) [Reset==1]
- (10) [Pick1Completed==1]
- (11) [Reset==1]

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- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
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- 1.8. [Chart](#)
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[Chart4](#)

1.10.1. Data: [AvailabilityIN](#), [CapienzaOUT](#), [Pezzo1](#), [AvailabilityOUT](#), [CapienzaIN](#), [Pick1Completed](#), [Reset](#)

1.10.2. Transition: [Pick1Completed==1], [Reset==1], Transition12, [Pick1Completed==1], [Reset==1], [CapienzaIN==1], DefaultTransition2

- 1.10.3. [Capienza1](#)
- 1.10.4. [Idle](#)
- 1.10.5. [Waiting1](#)
- 1.10.6. [Waiting](#)
- 1.10.7. [Capienza0](#)
- 1.10.8. [Capienza2](#)

1.11. [Chart10](#)

OR State	simulink_model_complete/Chart4/Idle
Label	Idle CapienzaOUT=2; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	simulink_model_complete/Chart4/Capienza2
Label	Capienza2 CapienzaOUT=2; Pezzo1=1; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	simulink_model_complete/Chart4/Waiting
Label	Waiting CapienzaOUT=1;

OR State	simulink_model_complete/Chart4/Capienza1
Label	Capienza1 CapienzaOUT=1; Pezzo1=1; AvailabilityOUT=AvailabilityIN; pause(0.1);

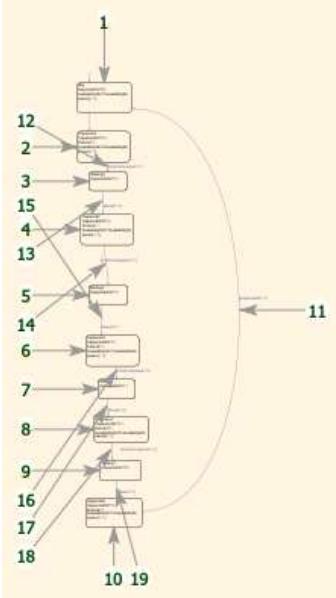
OR State	simulink_model_complete/Chart4/Waiting1
Label	Waiting1 CapienzaOUT=0;

OR State	simulink_model_complete/Chart4/Capienza0

OR State	simulink_model_complete/Chart4/Capienza0
Label	Capienza0 CapienzaOUT=0; Pezzo1=0; AvailabilityOUT=AvailabilityIN; pause(0.1);

Chart - Chart9

Chart	simulink_model_complete/Chart9
States	Idle Capienza4 Waiting3 Capienza3 Waiting2 Capienza2 Waiting Capienza1 Waiting1 Capienza0
Transitions	DefaultTransition10 [CapienzaIN==1] Transition29 [Pick2Completed==1] [Reset==1] [Pick2Completed==1] [Reset==1] [Pick2Completed==1] [Reset==1]
Data	AvailabilityIN CapienzaIN Pick2Completed Reset AvailabilityOUT CapienzaOUT Pezzo2



- (1) [Idle](#)
- (2) [Capienza4](#)
- (3) [Waiting3](#)
- (4) [Capienza3](#)
- (5) [Waiting2](#)

- (6) [Capienza2](#)
- (7) [Waiting](#)
- (8) [Capienza1](#)
- (9) [Waiting1](#)
- (10) [Capienza0](#)
- (11) [CapienzaIN==1]
- (12) [Pick2Completed==1]
- (13) [Reset==1]
- (14) [Pick2Completed==1]
- (15) [Reset==1]
- (16) [Pick2Completed==1]
- (17) [Reset==1]
- (18) [Pick2Completed==1]
- (19) [Reset==1]

Stateflow Hierarchy

1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
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- 1.3. [Chart6](#)
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- 1.8. [Chart](#)
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- 1.9.1. Data: [AvailabilityIN](#), [CapienzaIN](#), [Pick2Completed](#), [Reset](#), [AvailabilityOUT](#), [CapienzaOUT](#), [Pezzo2](#)
 - 1.9.2. Transition: [CapienzaIN==1], Transition29, [Pick2Completed==1], DefaultTransition10, [Reset==1], [Reset==1], [Reset==1], [Pick2Completed==1], [Pick2Completed==1], [Pick2Completed==1], [Reset==1]
 - 1.9.3. [Waiting3](#)
 - 1.9.4. [Capienza2](#)
 - 1.9.5. [Capienza1](#)
 - 1.9.6. [Waiting1](#)
 - 1.9.7. [Idle](#)
 - 1.9.8. [Waiting](#)
 - 1.9.9. [Capienza0](#)
 - 1.9.10. [Capienza4](#)
 - 1.9.11. [Capienza3](#)
 - 1.9.12. [Waiting2](#)
- 1.10. [Chart10](#)
 - 1.11. [Chart4](#)

OR State	simulink_model_complete/Chart9/Idle
Label	Idle CapienzaOUT=4; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	simulink_model_complete/Chart9/Capienza4
Label	Capienza4 CapienzaOUT=4; Pezzo2=1; AvailabilityOUT=AvailabilityIN; pause(0.1);

OR State	simulink_model_complete/Chart9/Waiting3
Label	Waiting3 CapienzaOUT=3;

OR State	simulink_model_complete/Chart9/Capienza3
Label	

OR State	simulink_model_complete/Chart9/Capienza3
Label	Capienza3 CapienzaOUT=3; Pezzo2=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart9/Waiting2
Label	Waiting2 CapienzaOUT=2;
OR State	simulink_model_complete/Chart9/Capienza2
Label	Capienza2 CapienzaOUT=2; Pezzo2=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart9/Waiting
Label	Waiting CapienzaOUT=1;
OR State	simulink_model_complete/Chart9/Capienza1
Label	Capienza1 CapienzaOUT=1; Pezzo2=1; AvailabilityOUT=AvailabilityIN; pause(0.1);
OR State	simulink_model_complete/Chart9/Waiting1
Label	Waiting1 CapienzaOUT=0;
OR State	simulink_model_complete/Chart9/Capienza0
Label	Capienza0 CapienzaOUT=0; Pezzo2=0; AvailabilityOUT=AvailabilityIN; pause(0.1);

System - [**simulink_model_complete/Subsystem1**](#)

Indice

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[Chart - Chart2](#)
[Chart - Chart3](#)

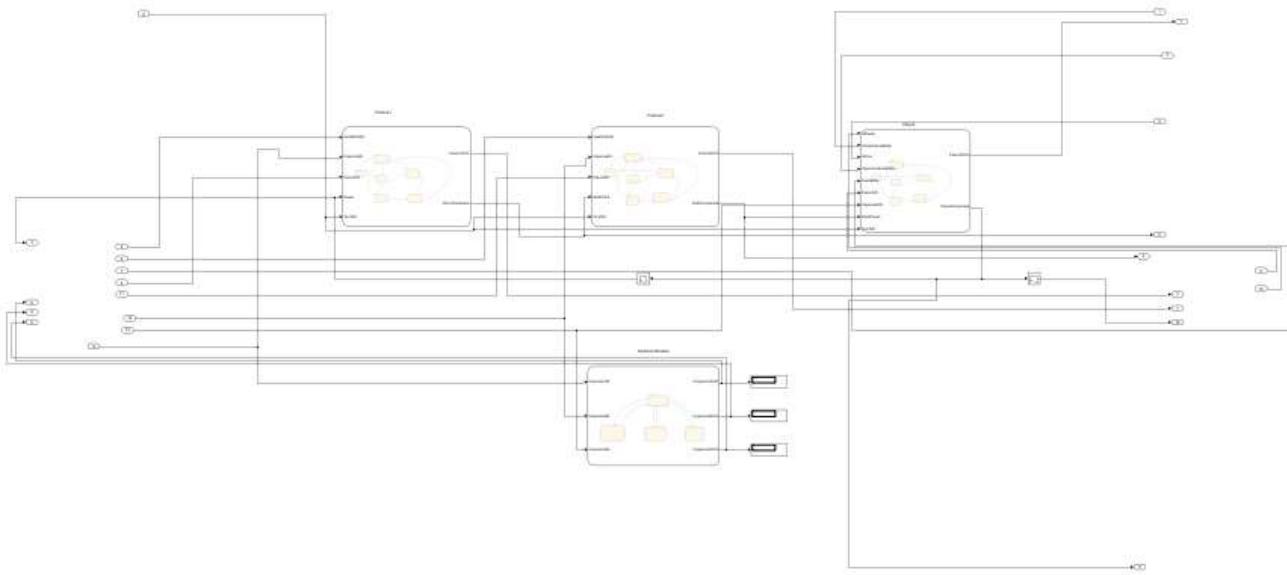


Tabella 8. Chart Block Properties

Name	Chart
Chart	Chart
Chart1	Chart1
Chart2	Chart2
Chart3	Chart3

Tabella 9. Display Block Properties

Name	Format	Decimation	Floating
Display3	short	1	off
Display4	short	1	off
Display5	short	1	off

Tabella 10. Import Block Properties

Name	Port	Defined In Blk
In1	1	Constant12
In10	10	SFunction
In11	11	SFunction
In12	12	SFunction
In13	13	SFunction
In14	14	SFunction
In2	2	Constant10
In3	3	Constant11
In4	4	Constant2
In5	5	SFunction
In6	6	SFunction
In7	7	SFunction
In8	8	SFunction
In9	9	SFunction

Tabella 11. Memory Block Properties

Name	Inherit Sample Time	Linearize Memory	Linearize As Delay	State Storage Class
Memory	off	off	off	Auto
Memory3	off	off	off	Auto

Tabella 12. Outport Block Properties

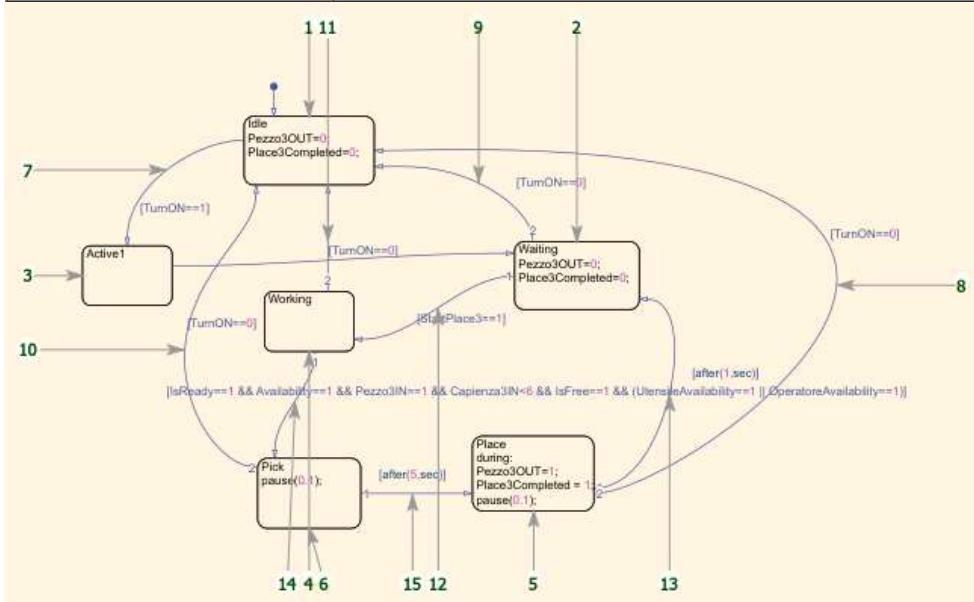
Name	Port	Storage Class	Icon Display	Lock Scale	Unit	Var Size Sig	Signal Type	Ensure Outport Is Virtual	Source Of Initial Output Value	Output When Disabled	Must Resolve To Signal Object	Output When Unconnected	Output When Unconnected Value	Vector Params As 1DFor Out When Unconnected	Used By Blk
Out1	1	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Scope6

Name	Port	Storage Class	Icon Display	Lock Scale	Unit	Var Size Sig	Signal Type	Ensure Outport Is Virtual	Source Of Initial Output Value	Output When Disabled	Must Resolve To Signal Object	Output When Unconnected	Output When Unconnected Value	Vector Params As 1DFor Out When Unconnected	Used By Blk
Out10	10	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out11	11	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Memory6 , Scope4 , Memory , Memory3
Out2	2	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction , Memory2 , Scope3
Out3	3	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction , SFunction , SFunction
Out4	4	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction , Memory5 , Scope5
Out5	5	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out6	6	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Memory1 , Display3
Out7	7	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out8	8	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Memory4 , Display4
Out9	9	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Memory7 , Display5

Chart - Chart

Chart		simulink_model_complete /Chart
States		Idle Waiting Active1 Working Place Pick
Transitions		DefaultTransition24 [TurnON==1] [TurnON==0] [TurnON==0] [TurnON==0] [TurnON==0] Transition27 [StartPlace3==1] [after(1,sec)] [IsReady==1 && Availability==1 && Pezzo3IN==1 && Capienza3IN<6 && IsFree==1 && (UtensileAvailability==1 OperatoreAvailability==1)] [after(5,sec)]

Chart	simulink_model_complete/Chart
Data	IsReady UtensileAvailability IsFree OperatoreAvailability Availability Pezzo3IN Capienza3IN StartPlace3 Pezzo3OUT Place3Completed TurnON



- (1) [Idle](#)
- (2) [Waiting](#)
- (3) [Active1](#)
- (4) [Working](#)
- (5) [Place](#)
- (6) [Pick](#)
- (7) [\[TurnON==1\]](#)
- (8) [\[TurnON==0\]](#)
- (9) [\[TurnON==0\]](#)
- (10) [\[TurnON==0\]](#)
- (11) [\[TurnON==0\]](#)
- (12) [\[StartPlace3==1\]](#)
- (13) [\[after\(1.sec\)\]](#)
- (14) [\[IsReady==1 && Availability==1 && Pezzo3IN==1 && Capienza3IN<6 && IsFree==1 && \(UtensileAvailability==1 || OperatoreAvailability==1\)\]](#)
- (15) [\[after\(5.sec\)\]](#)

Stateflow Hierarchy

1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
- 1.4. [Chart5](#)
- 1.5. [Chart3](#)
- 1.6. [Chart2](#)
- 1.7. [Chart1](#)
- 1.8. [Chart](#)

1.8.1. Data: [IsReady](#), [UtensileAvailability](#), [IsFree](#), [OperatoreAvailability](#), [Availability](#), [Pezzo3IN](#), [Capienza3IN](#), [StartPlace3](#), [Pezzo3OUT](#), [Place3Completed](#), [TurnON](#)

1.8.2. Transition: [\[TurnON==1\]](#), [\[TurnON==0\]](#), [\[TurnON==0\]](#), [\[TurnON==0\]](#), [\[TurnON==0\]](#), [Transition27](#), [DefaultTransition24](#), [\[after\(1.sec\)\]](#), [\[after\(5.sec\)\]](#), [\[StartPlace3==1\]](#), [\[IsReady==1 && Availability==1 && Pezzo3IN==1 && Capienza3IN<6 &&](#)

IsFree==1 && (UtensileAvailability==1 || OperatoreAvailability==1)]

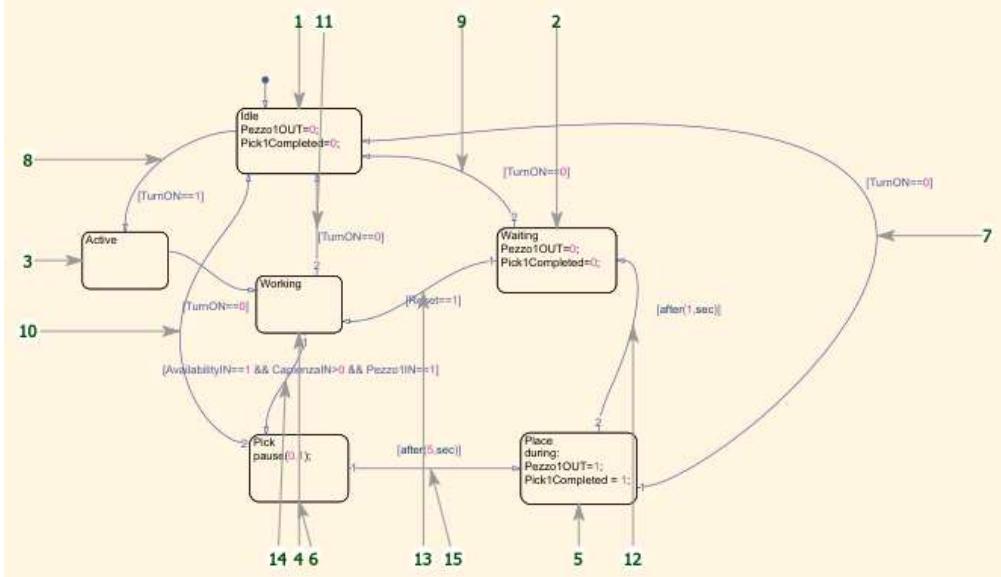
- 1.8.3. [Active](#)
- 1.8.4. [Place](#)
- 1.8.5. [Working](#)
- 1.8.6. [Idle](#)
- 1.8.7. [Pick](#)
- 1.8.8. [Waiting](#)
- 1.9. [Chart10](#)
- 1.10. [Chart4](#)
- 1.11. [Chart9](#)

OR State	simulink_model_complete/Chart/Idle
Label	Idle Pezzo3OUT=0; Place3Completed=0;
OR State	simulink_model_complete/Chart/Waiting
Label	Waiting Pezzo3OUT=0; Place3Completed=0;
OR State	simulink_model_complete/Chart/Active1
Label	Active1
OR State	simulink_model_complete/Chart/Working
Label	Working
OR State	simulink_model_complete/Chart/Place
Label	Place during: Pezzo3OUT=1; Place3Completed = 1; pause(0.1);
OR State	simulink_model_complete/Chart/Pick
Label	Pick pause(0.1);

Chart - Chart1

Chart	simulink_model_complete/Chart1
States	Idle Waiting Active Working Place Pick
Transitions	DefaultTransition6 [TurnON==0] [TurnON==1] [TurnON==0] [TurnON==0] [TurnON==0] Transition29 [after(1,sec)] [Reset==1] [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1] [after(5,sec)]

Chart	simulink_model_complete/Chart1
Data	AvailabilityIN CapienzaIN Pezzo1IN Pezzo1OUT Pick1Completed Reset TurnON



- (1) [Idle](#)
- (2) [Waiting](#)
- (3) [Active](#)
- (4) [Working](#)
- (5) [Place](#)
- (6) [Pick](#)
- (7) [\[TurnON==0\]](#)
- (8) [\[TurnON==1\]](#)
- (9) [\[TurnON==0\]](#)
- (10) [\[TurnON==0\]](#)
- (11) [\[TurnON==0\]](#)
- (12) [\[after\(1,sec\)\]](#)
- (13) [\[Reset==1\]](#)
- (14) [\[AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1\]](#)
- (15) [\[after\(5,sec\)\]](#)

Stateflow Hierarchy

1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
- 1.4. [Chart5](#)
- 1.5. [Chart3](#)
- 1.6. [Chart2](#)
- 1.7. [Chart1](#)

1.7.1. Data: [AvailabilityIN](#), [CapienzaIN](#), [Pezzo1IN](#), [Pezzo1OUT](#), [Pick1Completed](#), [Reset](#), [TurnON](#)

1.7.2. Transition: DefaultTransition6, [TurnON==0], Transition29, [TurnON==1], [TurnON==0], [after(1,sec)], [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1], [Reset==1], [TurnON==0], [TurnON==0], [after(5,sec)]

- 1.7.3. [Idle](#)
- 1.7.4. [Active](#)
- 1.7.5. [Pick](#)
- 1.7.6. [Place](#)
- 1.7.7. [Working](#)
- 1.7.8. [Waiting](#)

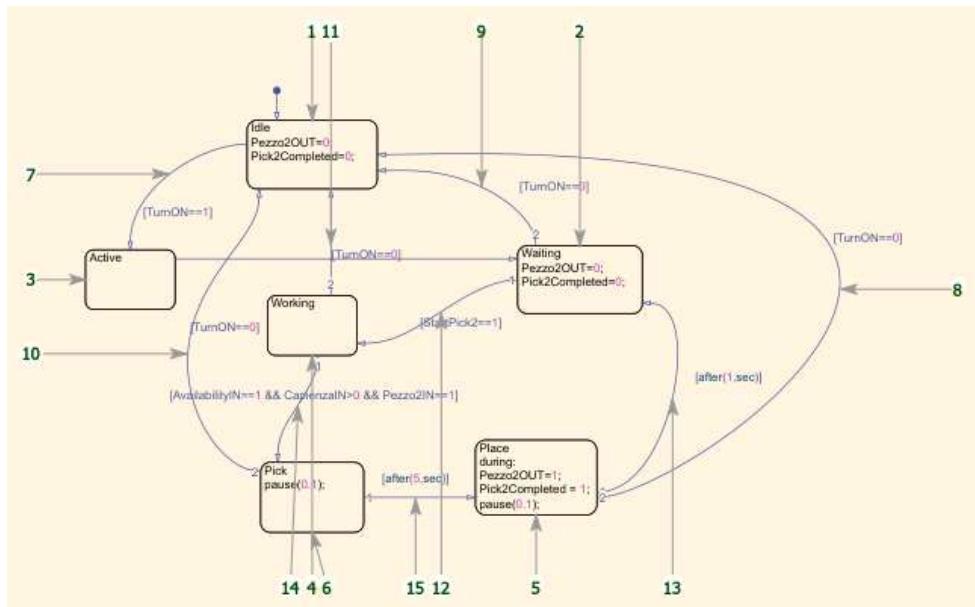
1.8. [Chart10](#)

- 1.9. [Chart4](#)
- 1.10. [Chart9](#)
- 1.11. [Chart](#)

OR State	simulink_model_complete/Chart1/Idle
Label	Idle Pezzo1OUT=0; Pick1Completed=0;
OR State	simulink_model_complete/Chart1/Waiting
Label	Waiting Pezzo1OUT=0; Pick1Completed=0;
OR State	simulink_model_complete/Chart1/Active
Label	Active
OR State	simulink_model_complete/Chart1/Working
Label	Working
OR State	simulink_model_complete/Chart1/Place
Label	Place during: Pezzo1OUT=1; Pick1Completed = 1;
OR State	simulink_model_complete/Chart1/Pick
Label	Pick pause(0.1);

Chart - Chart2

Chart	simulink_model_complete/Chart2
States	Idle Waiting Active Working Place Pick
Transitions	DefaultTransition51 [TurnON==1] [TurnON==0] [TurnON==0] [TurnON==0] [TurnON==0] Transition54 [StartPick2==1] [after(1,sec)] [AvailabilityIN==1 && CapienzaIN>0 && Pezzo2IN==1] [after(5,sec)]
Data	AvailabilityIN CapienzaIN Pezzo2IN Pezzo2OUT StartPick2 Pick2Completed TurnON



- (1) Idle
 - (2) Waiting
 - (3) Active
 - (4) Working
 - (5) Place
 - (6) Pick
 - (7) [TurnON==1]
 - (8) [TurnON==0]
 - (9) [TurnON==0]
 - (10) [TurnON==0]
 - (11) [TurnON==0]
 - (12) [StartPick2==1]
 - (13) [after(1,sec)]
 - (14) [AvailabilityIN==1 && CapienzaIN>0 && Pezzo2IN==1]
 - (15) [after(5,sec)]

Stateflow Hierarchy

- ## 1. simulink model complete

- 1.1. [Chart8](#)
 - 1.2. [Chart7](#)
 - 1.3. [Chart6](#)
 - 1.4. [Chart5](#)
 - 1.5. [Chart3](#)

1.6.1. Data: AvailabilityIN, CapienzaIN, Pezzo2IN, Pezzo2OUT, StartPick2, Pick2Completed, TurnON

162 Transition: [TurnON==0], [TurnON==0], Transition54, [after(1.sec)], DefaultTransition51, [TurnON==0]

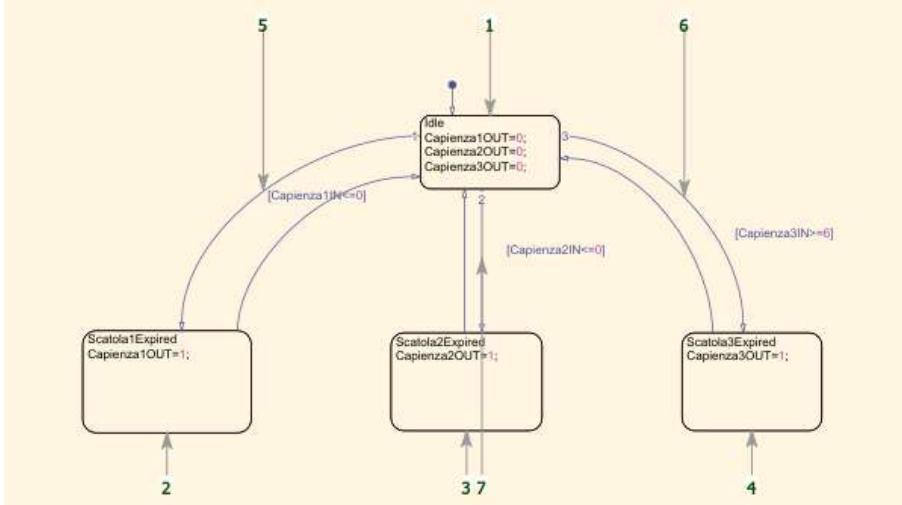
- 1.6.
 - 1.6.3. [Idle](#)
 - 1.6.4. [Active](#)
 - 1.6.5. [Waiting](#)
 - 1.6.6. [Working](#)
 - 1.6.7. [Place](#)
 - 1.6.8. [Pick](#)
 - 1.7. [Chart10](#)
 - 1.8. [Chart4](#)
 - 1.9. [Chart9](#)
 - 1.10. [Chart](#)
 - 1.11. [Chart1](#)

OR State	simulink_model_complete/Chart2/Idle
Label	Idle Pezzo2OUT=0; Pick2Completed=0;

OR State	simulink_model_complete/Chart2/Waiting
Label	Waiting Pezzo2OUT=0; Pick2Completed=0;
OR State	simulink_model_complete/Chart2/Active
Label	Active
OR State	simulink_model_complete/Chart2/Working
Label	Working
OR State	simulink_model_complete/Chart2/Place
Label	Place during: Pezzo2OUT=1; Pick2Completed = 1; pause(0.1);
OR State	simulink_model_complete/Chart2/Pick
Label	Pick pause(0.1);

Chart - Chart3

Chart	simulink_model_complete/Chart3
States	<u>Idle</u> <u>Scatola1Expired</u> <u>Scatola2Expired</u> <u>Scatola3Expired</u>
Transitions	DefaultTransition8 [Capienza1IN<=0] [Capienza3IN>=6] Transition17 Transition15 Transition16 [Capienza2IN<=0]
Data	<u>Capienza1IN</u> <u>Capienza2IN</u> <u>Capienza3IN</u> <u>Capienza1OUT</u> <u>Capienza2OUT</u> <u>Capienza3OUT</u>



- (1) [Idle](#)
- (2) [Scatola1Expired](#)
- (3) [Scatola2Expired](#)
- (4) [Scatola3Expired](#)

- (5) [Capienza1IN<=0]
- (6) [Capienza3IN>=6]
- (7) [Capienza2IN<=0]

Stateflow Hierarchy

1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
- 1.4. [Chart5](#)
- [Chart3](#)

1.5.1. Data: [Capienza1IN](#), [Capienza2IN](#), [Capienza3IN](#), [Capienza1OUT](#), [Capienza2OUT](#), [Capienza3OUT](#)

- 1.5.2. Transition: [Capienza1IN<=0], DefaultTransition8, Transition16, [Capienza2IN<=0], [Capienza3IN>=6], Transition15, Transition17
- 1.5.3. [Scatola1Expired](#)
- 1.5.4. [Scatola2Expired](#)
- 1.5.5. [Scatola3Expired](#)
- 1.5.6. [Idle](#)
- 1.6. [Chart10](#)
- 1.7. [Chart4](#)
- 1.8. [Chart9](#)
- 1.9. [Chart](#)
- 1.10. [Chart1](#)
- 1.11. [Chart2](#)

OR State	simulink_model_complete/Chart3/Idle
Label	Idle Capienza1OUT=0; Capienza2OUT=0; Capienza3OUT=0;
OR State	simulink_model_complete/Chart3/Scatola1Expired
Label	Scatola1Expired Capienza1OUT=1;
OR State	simulink_model_complete/Chart3/Scatola2Expired
Label	Scatola2Expired Capienza2OUT=1;
OR State	simulink_model_complete/Chart3/Scatola3Expired
Label	Scatola3Expired Capienza3OUT=1;

System - [simulink_model_complete/Subsystem2](#)

Indice

- [Chart - Chart5](#)
- [Chart - Chart6](#)
- [Chart - Chart7](#)
- [Chart - Chart8](#)

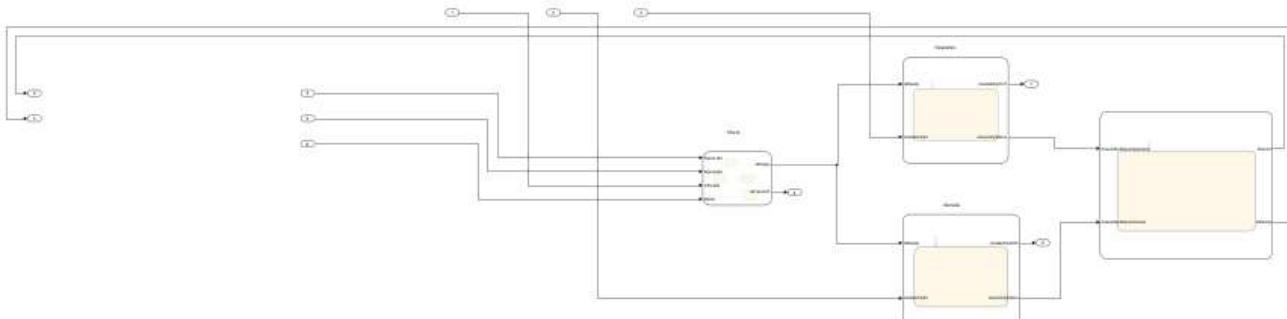


Tabella 13. Chart Block Properties

Name	Chart
Chart5	Chart5
Chart6	Chart6
Chart7	Chart7
Chart8	Chart8

Tabella 14. Import Block Properties

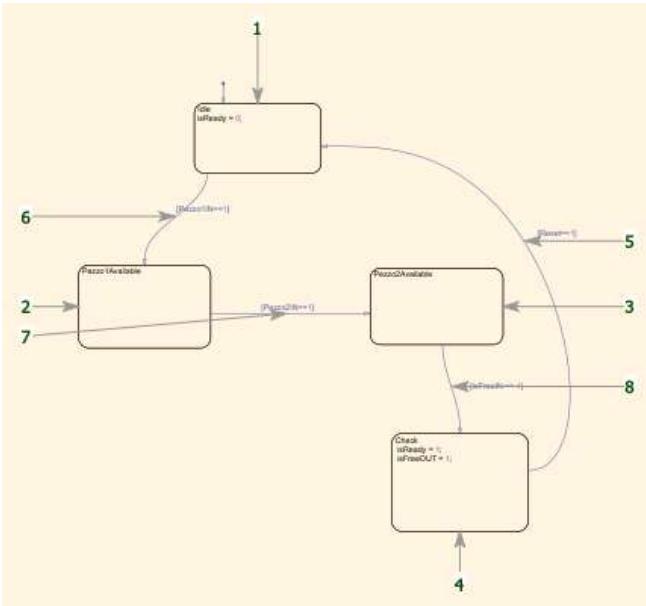
Name	Port	Defined In Blk
In1	1	Constant2
In2	2	Constant2
In3	3	Constant11
In4	4	SFunction
In5	5	SFunction
In6	6	Memory3

Tabella 15. Outport Block Properties

Name	Port	Storage Class	Icon Display	Lock Scale	Unit	Var Size Sig	Signal Type	Ensure Outport Is Virtual	Source Of Initial Output Value	Output When Disabled	Must Resolve To Signal Object	Output When Unconnected	Output When Unconnected Value	Vector Params As 1DFor Out When Unconnected	Used By Blk
Out1	1	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Scope7
Out2	2	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out3	3	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	SFunction
Out4	4	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Scope8
Out5	5	Auto	Port number	off	inherit	Inherit	auto	off	Dialog	held	off	off	0	off	Scope9

Chart - Chart5

Chart	simulink_model_complete/Chart5
States	Idle Pezzo1Available Pezzo2Available Check
Transitions	DefaultTransition6 [Reset==1] [Pezzo1IN==1] [Pezzo2IN==1] [isFreeIN == 1]
Data	isReady isFreeOUT Pezzo1IN Pezzo2IN isFreeIN Reset



- (1) [Idle](#)
- (2) [Pezzo1Available](#)
- (3) [Pezzo2Available](#)
- (4) [Check](#)
- (5) [\[Reset==1\]](#)
- (6) [\[Pezzo1IN==1\]](#)
- (7) [\[Pezzo2IN==1\]](#)
- (8) [\[isFreeIN == 1\]](#)

Stateflow Hierarchy

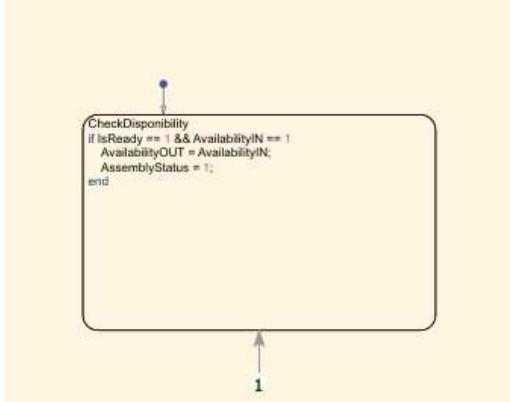
1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
- 1.2. [Chart7](#)
- 1.3. [Chart6](#)
- 1.4. [Chart5](#)
 - 1.4.1. Data: [isReady](#), [isFreeOUT](#), [Pezzo1IN](#), [Pezzo2IN](#), [isFreeIN](#), [Reset](#)
 - 1.4.2. Transition: [\[Pezzo2IN==1\]](#), [\[isFreeIN == 1\]](#), [DefaultTransition6](#), [\[Reset==1\]](#), [\[Pezzo1IN==1\]](#)
 - 1.4.3. [Pezzo1Available](#)
 - 1.4.4. [Pezzo2Available](#)
 - 1.4.5. [Idle](#)
 - 1.4.6. [Check](#)
- 1.5. [Chart10](#)
- 1.6. [Chart4](#)
- 1.7. [Chart9](#)
- 1.8. [Chart](#)
- 1.9. [Chart1](#)
- 1.10. [Chart2](#)
- 1.11. [Chart3](#)

OR State	simulink_model_complete/Chart5/Idle
Label	Idle isReady = 0;
OR State	simulink_model_complete/Chart5/Pezzo1Available
Label	Pezzo1Available
OR State	simulink_model_complete/Chart5/Pezzo2Available
Label	Pezzo2Available
OR State	simulink_model_complete/Chart5/Check
Label	Check isReady = 1; isFreeOUT = 1;

Chart - Chart6

Chart	simulink_model_complete/Chart6
States	CheckDisponibility
Transitions	DefaultTransition6
Data	AvailabilityOUT AssemblyStatus IsReady AvailabilityIN



(1) [CheckDisponibility](#)

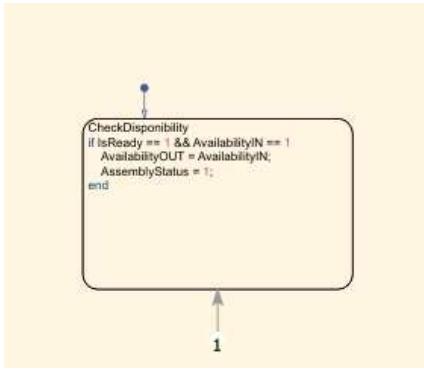
Stateflow Hierarchy

1. [simulink_model_complete](#)
 - 1.1. [Chart8](#)
 - 1.2. [Chart7](#)
[Chart6](#)
 - 1.3.
 - 1.3.1. Data: [AvailabilityOUT](#), [AssemblyStatus](#), [IsReady](#), [AvailabilityIN](#)
 - 1.3.2. Transition: DefaultTransition6
 - 1.3.3. [CheckDisponibility](#)
 - 1.4. [Chart10](#)
 - 1.5. [Chart4](#)
 - 1.6. [Chart9](#)
 - 1.7. [Chart](#)
 - 1.8. [Chart1](#)
 - 1.9. [Chart2](#)
 - 1.10. [Chart3](#)
 - 1.11. [Chart5](#)

OR State	simulink_model_complete/Chart6/CheckDisponibility
Label	CheckDisponibility if IsReady == 1 && AvailabilityIN == 1 AvailabilityOUT = AvailabilityIN; AssemblyStatus = 1; end

Chart - Chart7

Chart	simulink_model_complete/Chart7
States	CheckDisponibility
Transitions	DefaultTransition6
Data	IsReady AvailabilityIN AvailabilityOUT AssemblyStatus

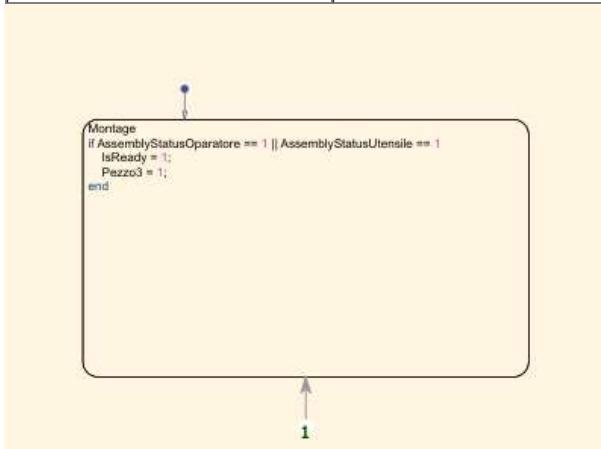
(1) [CheckDisponibility](#)**Stateflow Hierarchy**1. [simulink_model_complete](#)

- 1.1. [Chart8](#)
[Chart7](#)
- 1.2. 1.2.1. Data: [IsReady](#), [AvailabilityIN](#), [AvailabilityOUT](#), [AssemblyStatus](#)
1.2.2. Transition: DefaultTransition6
1.2.3. [CheckDisponibility](#)
- 1.3. [Chart10](#)
- 1.4. [Chart4](#)
- 1.5. [Chart9](#)
- 1.6. [Chart](#)
- 1.7. [Chart1](#)
- 1.8. [Chart2](#)
- 1.9. [Chart3](#)
- 1.10. [Chart5](#)
- 1.11. [Chart6](#)

OR State	simulink_model_complete/Chart7/CheckDisponibility
Label	<pre> CheckDisponibility if IsReady == 1 && AvailabilityIN == 1 AvailabilityOUT = AvailabilityIN; AssemblyStatus = 1; end </pre>

Chart - Chart8

Chart	simulink_model_complete/Chart8
States	Montage
Transitions	DefaultTransition6
Data	Pezzo3 IsReady AssemblyStatusOparatore AssemblyStatusUtensile

(1) [Montage](#)

Stateflow Hierarchy1. [simulink_model_complete](#)[Chart8](#)

- 1.1. 1.1.1. Data: [Pezzo3](#), [IsReady](#), [AssemblyStatusOparatore](#), [AssemblyStatusUtensile](#)
- 1.1.2. Transition: DefaultTransition6
- 1.1.3. [Montage](#)
- 1.2. [Chart10](#)
- 1.3. [Chart4](#)
- 1.4. [Chart9](#)
- 1.5. [Chart](#)
- 1.6. [Chart1](#)
- 1.7. [Chart2](#)
- 1.8. [Chart3](#)
- 1.9. [Chart5](#)
- 1.10. [Chart6](#)
- 1.11. [Chart7](#)

OR State	simulink_model_complete/Chart8/Montage
Label	<pre> Montage if AssemblyStatusOparatore == 1 AssemblyStatusUtensile == 1 IsReady = 1; Pezzo3 = 1; end </pre>

Appendix**Tabella 16. Block Type Count**

BlockType	Count	Block Names
Import	30	In1 , In10 , In2 , In3 , In4 , In5 , In6 , In7 , In8 , In9 , In1 , In10 , In11 , In12 , In13 , In14 , In2 , In3 , In4 , In5 , In6 , In7 , In8 , In9 , In1 , In2 , In3 , In4 , In5 , In6
Outport	24	Out1 , Out2 , Out3 , Out4 , Out5 , Out6 , Out7 , Out8 , Out1 , Out10 , Out11 , Out2 , Out3 , Out4 , Out5 , Out6 , Out7 , Out8 , Out9 , Out1 , Out2 , Out3 , Out4 , Out5
LampBlock	16	Lamp1 , Lamp10 , Lamp11 , Lamp12 , Lamp13 , Lamp14 , Lamp15 , Lamp16 , Lamp2 , Lamp3 , Lamp4 , Lamp5 , Lamp6 , Lamp7 , Lamp8 , Lamp9
Chart	11	Chart10 , Chart4 , Chart9 , Chart , Chart1 , Chart2 , Chart3 , Chart5 , Chart6 , Chart7 , Chart8
Scope	10	Scope, Scope1, Scope2, Scope3, Scope4, Scope5, Scope6, Scope7, Scope8, Scope9
Memory	8	Memory1 , Memory2 , Memory4 , Memory5 , Memory6 , Memory7 , Memory , Memory3
SliderSwitchBlock	7	Slider Switch , Slider Switch11 , Slider Switch12 , Slider Switch13 , Slider Switch5 , Slider Switch7 , Slider Switch9
Constant	7	Constant1 , Constant10 , Constant11 , Constant12 , Constant2 , Constant3 , Constant4
SubSystem	3	Subsystem , Subsystem1 , Subsystem2
Display	3	Display3 , Display4 , Display5

Tabella 17. Count:[simulink_model_complete](#)

Count	Count	Objects

Count	Count	Objects
Transition	80	DefaultTransition6, [CapienzaIN==1], Transition30, [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], [Place3Completed==1], [Reset==1], DefaultTransition2, [CapienzaIN==1], Transition12, [Pick1Completed==1], [Reset==1], [Pick1Completed==1], [Reset==1], DefaultTransition10, [CapienzaIN==1], Transition29, [Pick2Completed==1], [Reset==1], [Pick2Completed==1], [Reset==1], [Pick2Completed==1], [Reset==1], [Pick2Completed==1], DefaultTransition24, [TurnON==1], [TurnON==0], [TurnON==0], [TurnON==0], [TurnON==0], Transition27, [StartPlace3==1], [after(1,sec)], [IsReady==1 && Availability==1 && Pezzo3IN==1 && Capienza3IN<6 && IsFree==1 && (UtensileAvailability==1 OperatoreAvailability==1)], [after(5,sec)], DefaultTransition6, [TurnON==0], [TurnON==1], [TurnON==0], [TurnON==0], [TurnON==0], Transition29, [after(1,sec)], [Reset==1], [AvailabilityIN==1 && CapienzaIN>0 && Pezzo1IN==1], [after(5,sec)], DefaultTransition51, [TurnON==1], [TurnON==0], [TurnON==0], [TurnON==0], [TurnON==0], Transition54, [StartPick2==1], [after(1,sec)], [AvailabilityIN==1 && CapienzaIN>0 && Pezzo2IN==1], [after(5,sec)], DefaultTransition8, [Capienza1IN<=0], [Capienza3IN>=6], Transition17, Transition15, Transition16, [Capienza2IN<=0], DefaultTransition6, [Reset==1], [Pezzo1IN==1], [Pezzo2IN==1], [isFreeIN == 1], DefaultTransition6, DefaultTransition6, DefaultTransition6
Data	69	AvailabilityIN , CapienzaIN , Place3Completed , Reset , AvailabilityOUT , CapienzaOUT , AvailabilityIN , CapienzaOUT , Pezzo1 , AvailabilityOUT , CapienzaIN , Pick1Completed , Reset , AvailabilityIN , CapienzaIN , Pick2Completed , Reset , AvailabilityOUT , CapienzaOUT , Pezzo2 , IsReady , UtensileAvailability , IsFree , OperatoreAvailability , Availability , Pezzo3IN , Capienza3IN , StartPlace3 , Pezzo3OUT , Place3Completed , TurnON , AvailabilityIN , CapienzaIN , Pezzo1IN , Pezzo1OUT , Pick1Completed , Reset , TurnON , AvailabilityIN , CapienzaIN , Pezzo2IN , Pezzo2OUT , StartPick2 , Pick2Completed , TurnON , Capienza1IN , Capienza2IN , Capienza3IN , Capienza1OUT , Capienza2OUT , Capienza3OUT , isReady , isFreeOUT , Pezzo1IN , Pezzo2IN , isFreeIN , Reset , AvailabilityOUT , AssemblyStatus , IsReady , AvailabilityIN , IsReady , AvailabilityIN , AvailabilityOUT , AssemblyStatus , Pezzo3 , IsReady , AssemblyStatusOparatore , AssemblyStatusUtensile
State	58	Idle , Capienza6 , Capienza5 , Waiting4 , Capienza4 , Waiting3 , Capienza3 , Waiting2 , Capienza2 , Waiting , Capienza1 , Waiting1 , Capienza0 , Idle , Capienza2 , Waiting , Capienza1 , Waiting1 , Capienza0 , Idle , Capienza4 , Waiting3 , Capienza3 , Waiting2 , Capienza2 , Waiting , Capienza1 , Waiting1 , Capienza0 , Idle , Waiting , Active1 , Working , Place , Pick , Idle , Waiting , Active , Working , Place , Pick , Idle , Scatola1Expired , Scatola2Expired , Scatola3Expired , Idle , Pezzo1Available , Pezzo2Available , Check , CheckDisponibility , CheckDisponibility , Montage
Chart	11	Chart10 , Chart4 , Chart9 , Chart , Chart1 , Chart2 , Chart3 , Chart5 , Chart6 , Chart7 , Chart8
Target	1	sfun
Machine	1	simulink_model_complete

Tabella 18. Data Properties

Name	Parent	Data Type
AssemblyStatus	Chart6	Inherit: Same as Simulink
AssemblyStatus	Chart7	Inherit: Same as Simulink
AssemblyStatusOparatore	Chart8	Inherit: Same as Simulink
AssemblyStatusUtensile	Chart8	Inherit: Same as Simulink
Availability	Chart	Inherit: Same as Simulink
AvailabilityIN	Chart10	Inherit: Same as Simulink
AvailabilityIN	Chart4	Inherit: Same as Simulink
AvailabilityIN	Chart9	Inherit: Same as Simulink
AvailabilityIN	Chart1	Inherit: Same as Simulink
AvailabilityIN	Chart2	Inherit: Same as Simulink
AvailabilityIN	Chart6	Inherit: Same as Simulink
AvailabilityIN	Chart7	Inherit: Same as Simulink
AvailabilityOUT	Chart10	Inherit: Same as Simulink

Name	Parent	Data Type
AvailabilityOUT	Chart4	Inherit: Same as Simulink
AvailabilityOUT	Chart9	Inherit: Same as Simulink
AvailabilityOUT	Chart6	Inherit: Same as Simulink
AvailabilityOUT	Chart7	Inherit: Same as Simulink
Capienza1IN	Chart3	Inherit: Same as Simulink
Capienza1OUT	Chart3	Inherit: Same as Simulink
Capienza2IN	Chart3	Inherit: Same as Simulink
Capienza2OUT	Chart3	Inherit: Same as Simulink
Capienza3IN	Chart	Inherit: Same as Simulink
Capienza3IN	Chart3	Inherit: Same as Simulink
Capienza3OUT	Chart3	Inherit: Same as Simulink
CapienzaIN	Chart10	Inherit: Same as Simulink
CapienzaIN	Chart4	Inherit: Same as Simulink
CapienzaIN	Chart9	Inherit: Same as Simulink
CapienzaIN	Chart1	Inherit: Same as Simulink
CapienzaIN	Chart2	Inherit: Same as Simulink
CapienzaOUT	Chart10	Inherit: Same as Simulink
CapienzaOUT	Chart4	Inherit: Same as Simulink
CapienzaOUT	Chart9	Inherit: Same as Simulink
IsFree	Chart	Inherit: Same as Simulink
isFreeIN	Chart5	Inherit: Same as Simulink
isFreeOUT	Chart5	Inherit: Same as Simulink
IsReady	Chart	Inherit: Same as Simulink
isReady	Chart5	Inherit: Same as Simulink
IsReady	Chart6	Inherit: Same as Simulink
IsReady	Chart7	Inherit: Same as Simulink
IsReady	Chart8	Inherit: Same as Simulink
OperatoreAvailability	Chart	Inherit: Same as Simulink
Pezzo1	Chart4	Inherit: Same as Simulink
Pezzo1IN	Chart1	Inherit: Same as Simulink
Pezzo1IN	Chart5	Inherit: Same as Simulink
Pezzo1OUT	Chart1	Inherit: Same as Simulink
Pezzo2	Chart9	Inherit: Same as Simulink
Pezzo2IN	Chart2	Inherit: Same as Simulink
Pezzo2IN	Chart5	Inherit: Same as Simulink
Pezzo2OUT	Chart2	Inherit: Same as Simulink
Pezzo3	Chart8	Inherit: Same as Simulink
Pezzo3IN	Chart	Inherit: Same as Simulink
Pezzo3OUT	Chart	Inherit: Same as Simulink
Pick1Completed	Chart4	Inherit: Same as Simulink
Pick1Completed	Chart1	Inherit: Same as Simulink
Pick2Completed	Chart9	Inherit: Same as Simulink
Pick2Completed	Chart2	Inherit: Same as Simulink
Place3Completed	Chart10	Inherit: Same as Simulink
Place3Completed	Chart	Inherit: Same as Simulink
Reset	Chart10	Inherit: Same as Simulink
Reset	Chart4	Inherit: Same as Simulink
Reset	Chart9	Inherit: Same as Simulink
Reset	Chart1	Inherit: Same as Simulink
Reset	Chart5	Inherit: Same as Simulink
StartPick2	Chart2	Inherit: Same as Simulink
StartPlace3	Chart	Inherit: Same as Simulink
TurnON	Chart	Inherit: Same as Simulink
TurnON	Chart1	Inherit: Same as Simulink
TurnON	Chart2	Inherit: Same as Simulink
UtensileAvailability	Chart	Inherit: Same as Simulink
Target	simulink_model_complete/sfun	
Description	Default Simulink S-Function Target.	