# Mps State diagrams

## base station

Alte Version nach Pasternak

mps\_type=1 ; output1[0]:=0; output[3]:=0;

if(input1[0]<>0) weiter

{

schalte entsprechend BaseProduktNummer input1[1] den Ausgang

seite:=input1[2];

output[3]:=2;

}

Nach Delay entsprechender Ausgang zurücknehmen.

Nach Delay output1[3]:=3; //Process

MotorON auf entsprechende Seite

if(Werkstück links oder rechts)

{

Motor OFF

output1[0]=13;

output1[3]=5;

}

if(Werkstück links und rechts weg)

{

output[3]:=6

output[3]:=5

}

If retrieved

{

output[

}

@startuml

'@rescale 0.8

'Skinparam handwritten true

[\*] -> Idle

note left of Idle: (prepare BaseX/Side)

state SlideX {

Idle --> Extracting:RBPrepBaseX

Extracting --> Retracting:bXExtracted

Extracting:outputX:=true

Retracting:outputX:=false

}

state Band {

Retracting --> Running:bXRetracted

Running --> BaseReady:partAtOut

Running:motorToOut:=true

BaseReady:motorToOut:=false

BaseReady-->Idle:NOT partAtOut

}

note right of BaseReady:BaseReady

@enduml

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## Ring Station

## Cap station

## Delivery Station

@startuml

'@rescale 0.6

[\*] --> Idle

note left of Idle: (deliver Line X)

state SeparatorX {

Extracting:sepX:=true

Retracting:sepX:=false

Idle --> Extracting:RBPrepDSX

}

state Band {

Running --> Delivered:partAtOut

Running:motorToOut:=true

Delivered:motorToOut:=false

Extracting --> Running:sepXExtracted

Delivered-->Retracting

Retracting --> Idle:bXRetracted

}

note right of Delivered:Delivered

@enduml

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