# Material Configuration for Production

This section describes different material configurations and related possibilities when using the Production Manager, the Receipt from Production Flow or the Production Flow.

## Material configuration

### Material configuration 1

- Input Bin location: Can Be Lined UP **FALSE**
- Input Bin location: Direct Consumption of Goods **FALSE**
- Production Line: Production Manager Type **NONE**
- Production Order: ItemLine: Has to be Lined Up **FALSE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | Y | - | N | - | Y | - |
| Produce | N | - | Y | Material locked on production line, Receipt from Production document generated | Y | Material locked on production line, Receipt from Production document generated |
| Enter quantity to consume | N | - | N | - | Y | Used, rest, waste quantities can be set |
| Stop production | N | Error - missing configuration Production Manager Type | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated | Y | No locking, stock consumed from production line, stock not used for production is put away to rest location, Issue for Production document generated |

### Material configuration 2

- Input Bin location: Can Be Lined UP **FALSE**
- Input Bin location: Direct Consumption of Goods **FALSE**
- Production Line: Production Manager Type **SPL_CONS_LOCK**
- Production Order: ItemLine: Has to be Lined Up **FALSE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | Y | - | N | - | Y | - |

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Produce | N | - | Y | Material locked on production line, Receipt from Production document generated | Y | Material locked on production line, Receipt from Production document generated |
| Enter quantity to consume | N | - | Y | - | Y | Used, rest, waste quantities can be set |
| Stop production | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated |

## Material configuration 3

- Input Bin location: Can Be Lined UP **FALSE**
- Input Bin location: Direct Consumption of Goods **FALSE**
- Production Line: Production Manager Type **MPL_CONS_INPUT**
- Production Order: ItemLine: Has to be Lined Up **FALSE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | Y | - | N | - | Y | - |
| Produce | N | - | Y | Material locked on production line, Receipt from Production document generated | Y | Material locked on production line, Receipt from Production document generated |
| Enter quantity to consume | N | - | Y | - | Y | Used, rest, waste quantities can be set |
| Stop production | Y | No locking, stock consuming from input location, Issue for Production document generated | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated | Y | No locking, stock consuming from production line, stock not used for production is put away to rest location, Issue for Production document generated |

## Material configuration 4

- Input Bin location: Can Be Lined UP **TRUE**
- Input Bin location: Direct Consumption of Goods **FALSE**
- Production Line: Production Manager Type **NOT NEEDED**
- Production Order: ItemLine: Has to be Lined Up **TRUE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | Y | Assign tank | N | - | Y | - |
| Produce | N | - | Y | Material locked on lined-up location, Receipt from Production document generated | Y | Material locked on lined-up location, Receipt from Production document generated |
| Enter quantity to consume | N | - | N | Not needed | Y | - |
| Stop production | N | No locking, stock consuming from lined-up location | N | - | Y | No locking, stock won't be consume from lined-up location |

## Material configuration 5

- Input Bin location: Can Be Lined UP **TRUE**
- Input Bin location: Direct Consumption of Goods **TRUE**
- Production Line: Production Manager Type **NOT NEEDED**
- Production Order: ItemLine: Has to be Lined Up **TRUE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | Y | Assign tank | N | - | Y | - |
| Produce | N | - | Y | No material locking, Receipt from Production document generated, Issue for Production document generated | Y | No material locking, Receipt from Production document generated, Issue for Production document generated from lined-up location |
| Enter quantity to consume | N | - | N | Not needed | N | Not needed |
| Stop production | N | Production order closed | N | - | Y | Production order closed |

## Material configuration 6

- Input Bin location: Can Be Lined UP **FALSE**
- Input Bin location: Direct Consumption of Goods **FALSE**
- Production Line: Production Manager Type **NOT NEEDED**
- Production Order: ItemLine: Has to be Lined Up **TRUE**

| Production step possible (Y) not possible (N) | Production Manager | | Receipt from Production Flow | | Production Flow | |
|---|---|---|---|---|---|---|
| | Y/N | Comment | Y/N | Comment | Y/N | Comment |
| Start Production Order | N | Production order cannot be started, it needs a location that can be lined up | N | - | N | No possible location to be lined up for the item |
| Produce | N | - | Y | - | N | - |
| Enter quantity to consume | N | - | N | - | N | - |
| Stop production | N | - | N | - | N | - |

# Workflows

## Working with Production Flow



## Working with Production Manager and Receipt from Production Flow