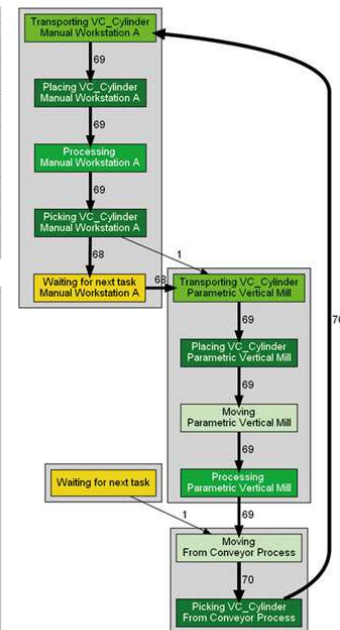
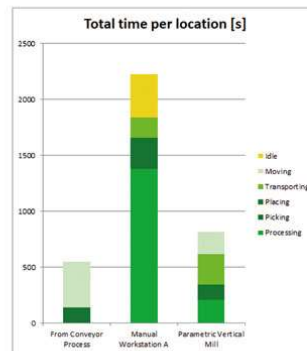


DUALIS Statistics Module

Product Information | 30.11.2022

Description	Product(s)	No	Location	Statistic State	Amount	Duration			
						Avg [s]	Min [s]	Max [s]	Total [s]
Advanced Human (Laura)									
Waiting for next task				Idle	1	7,25	7,25	7,25	7,25
Moving to From Conveyor Process		1	From Conveyor Process	Moving	70	5,86	2,43	5,91	410,22
Picking VC_Cylinder at From Conveyor Process	VC_Cylinder	1	From Conveyor Process	Picking	70	2	2	2	140
Importing VC_Cylinder at Manual Workstation A	VC_Cylinder	2	Manual Workstation A	Transporting	70	2,58	2,58	2,58	180,6
Placing VC_Cylinder at Manual Workstation A	VC_Cylinder	2	Manual Workstation A	Placing	69	2	2	2	138
Processing at Manual Workstation A	VC_Cylinder	2	Manual Workstation A	Processing	69	20	20	20	1380
Picking VC_Cylinder at Manual Workstation A	VC_Cylinder	2	Manual Workstation A	Picking	69	2	2	2	138
Importing VC_Cylinder at Parametric Vertical Mill	VC_Cylinder	3	Parametric Vertical Mill	Transporting	69	3,94	3,94	3,94	271,86
Placing VC_Cylinder at Parametric Vertical Mill	VC_Cylinder	3	Parametric Vertical Mill	Placing	69	2	2	2	138
Moving to Parametric Vertical Mill		3	Parametric Vertical Mill	Moving	69	2,89	2,89	2,89	199,41
Processing at Parametric Vertical Mill	VC_Cylinder	3	Parametric Vertical Mill	Processing	69	3	3	3	207
Waiting for next task at Manual Workstation A	VC_Cylinder	2	Manual Workstation A	Idle	68	5,72	5,72	5,74	388,98



All simulation data at the touch of a button

A 3D simulation not only generates meaningful images, but also numerous and valuable information for evaluations and statistics. The DUALIS statistics module provides you with a powerful tool to better compare and evaluate your tested scenarios based on KPIs. With just one click, you can generate a **comprehensive preconfigured Excel report** that makes it

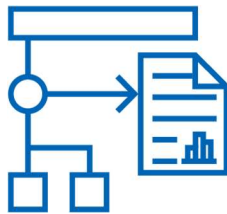
easier for you to **compare different layout variants**. The report lists all information on processes, products, resources and product transports in tabular form and visualizes it for effective evaluation. This allows you to quickly see what the **output** of your plant is and where there is **potential for optimization**.



Your advantages at a glance

- ✓ **Time-saving:** Export of all information with just one click
- ✓ **Transparent:** All information clearly arranged and sorted by categories in a comprehensive Excel file
- ✓ **Visually appealing:** Diagrams and workflows facilitate the recording of important key figures
- ✓ **Comprehensive:** Detailed report for an entire simulation run or the entire simulation duration.
- ✓ **Flexible:** Adaptation, reduction or extension of the displayed information is possible if required

What data does the simulation report provide



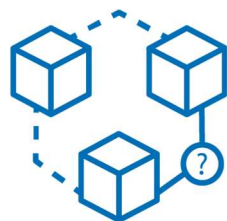
Processes

Obtain evaluations of all processes with statistical information such as utilization, cycle times, scrap and OEE key figures.



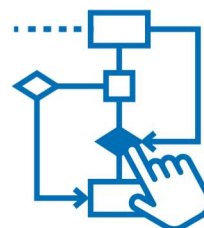
Resources

Get data such as utilization or throughput for each resource used in the layout (robots, workers and AGV). What distance does a resource travel? Do resources still have capacity? Can throughput be optimized by redistributing task packages?



Transport connections

Display all individual steps from a product perspective. How does a product move? How often is a route used? At which points does transport take too long? Which transfer processes should be relocated?



Workflow representation

In a detailed resource evaluation, the individual activities of resources are listed and visualized in a flow chart and other representations. Thus you can quickly see where your resource spends its time and what dependencies there are.



How you can reuse the data gained

- ✓ **Process optimization:**
Identification of levers to maximize output or optimize the use of resources
- ✓ **Scenario comparison:**
Simple comparison of different layout variants
- ✓ **Presentation of results:**
Perfect basis for communication when talking to your end customer

Your Contact Persons

For more information or to request a personal live demo, please contact



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