

Two Stage Manufacturing Process

Replications: 1

Replication 1

Start Time: 0.00 Stop Time: 100,000.00 Time Units: Hours

Entity**Time**

VA Time	Average	Half Width	Minimum	Maximum
Job	7.7315	0.053564716	5.0001	25.7960
NVA Time	Average	Half Width	Minimum	Maximum
Job	0	0.000000000	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Job	4.1854	0.377655751	0	64.4966
Transfer Time	Average	Half Width	Minimum	Maximum
Job	0	0.000000000	0	0
Other Time	Average	Half Width	Minimum	Maximum
Job	0	0.000000000	0	0
Total Time	Average	Half Width	Minimum	Maximum
Job	11.9169	0.408600983	5.0022	83.1039

Other

Number In	Value			
Job	12,398			
Number Out	Value			
Job	12,395			
WIP	Average	Half Width	Minimum	Maximum
Job	1.4772	0.063059006	0	11.0000

Process**Time per Entity**

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Process**Time per Entity**

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Assembly	4.0178	0.020654178	2.0001	5.9997
Painting	3.0000	0.000000000	3.0000	3.0000
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Assembly	3.4915	0.313103147	0	36.4457
Painting	0.07339410	0.004165698	0	2.3814
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Assembly	7.5093	0.322662763	2.0022	41.2674
Painting	3.0734	0.004165698	3.0000	5.3814

Accumulated Time

Accum VA Time	Value
Assembly	58,651.52
Painting	37,185.00
Accum Wait Time	Value
Assembly	50,969.12
Painting	909.72

Other

Number In	Value
Assembly	14,601
Painting	12,395
Number Out	Value
Assembly	14,598
Painting	12,395

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Queue**Time**

Waiting Time	Average	Half Width	Minimum	Maximum
Assembly.Queue	3.4914	0.313103147	0	36.4457
Painting.Queue	0.07339410	0.004165698	0	2.3814

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Assembly.Queue	0.5097	0.049047676	0	9.0000
Painting.Queue	0.00909720	0.000574499	0	1.0000

Resource**Usage**

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Assembly Station	0.5865	0.011941215	0	1.0000
Paint Shop	0.3719	0.006397294	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Assembly Station	0.5865	0.011941215	0	1.0000
Paint Shop	0.3719	0.006397294	0	1.0000

Number Scheduled	Average	Half Width	Minimum	Maximum
Assembly Station	1.0000	(Insufficient)	1.0000	1.0000
Paint Shop	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Assembly Station	0.5865
Paint Shop	0.3719

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Resource**Usage**

Total Number Seized	Value
Assembly Station	14,599.00
Paint Shop	12,395.00

System**Other**

Number Out	Value
System	12,395

User Specified**Tally**

Interval	Average	Half Width	Minimum	Maximum
Flow time	11.9169	0.408600983	5.0022	83.1039