

Drilling Process model

Replications: 5 Time Units: Minutes

Key Performance Indicators

System	Average
Number Out	94

Values Across All Replications

Drilling Process model

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Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	6.6252	0.11	6.4796	6.7029	2.9615	11.2040
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	4.5000	0.00	4.5000	4.5000	4.5000	4.5000
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	3.9454	1.84	2.4534	6.0970	0.00	23.7362
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	0.00	0.00	0.00	0.00	0.00	0.00
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	0.00	0.00	0.00	0.00	0.00	0.00
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	15.0706	1.87	13.5888	17.2812	7.8986	37.4491

Other

Number In	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	98.0000	21.00	76.0000	114.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	94.4000	18.88	75.0000	108.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Parts	3.0544	0.94	2.2271	3.8650	0.00	10.0000

Values Across All Replications

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Drilling Process.Queue	2.9922	1.66	1.7400	5.0261	0.00	23.7362
Washing.Queue	0.9595	0.41	0.5728	1.2900	0.00	9.4795

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Drilling Process.Queue	0.6405	0.45	0.3045	1.1587	0.00	7.0000
Washing.Queue	0.2012	0.12	0.0907	0.2972	0.00	3.0000

Values Across All Replications

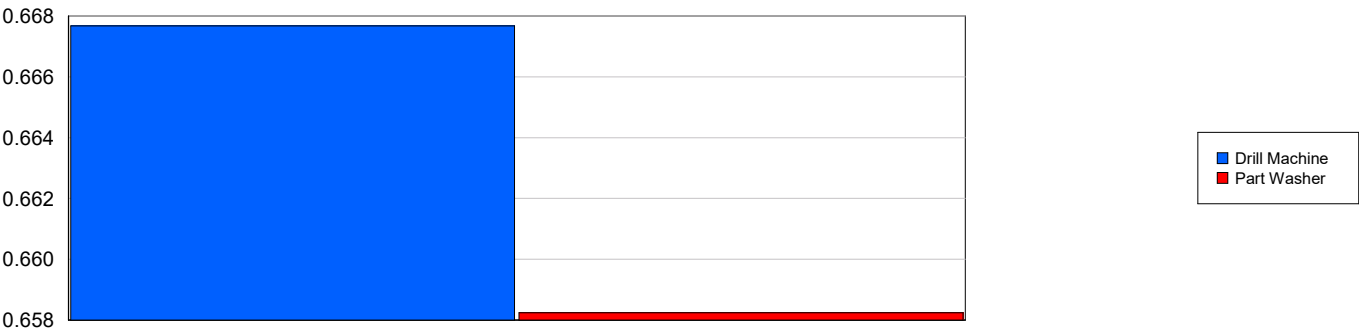
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Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Drill Machine	0.6677	0.13	0.5321	0.7860	0.00	1.0000
Part Washer	0.6582	0.13	0.5222	0.7402	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Drill Machine	0.6677	0.13	0.5321	0.7860	0.00	1.0000
Part Washer	0.6582	0.13	0.5222	0.7402	0.00	1.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Drill Machine	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Part Washer	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Drill Machine	0.6677	0.13	0.5321	0.7860		
Part Washer	0.6582	0.13	0.5222	0.7402		



Values Across All Replications

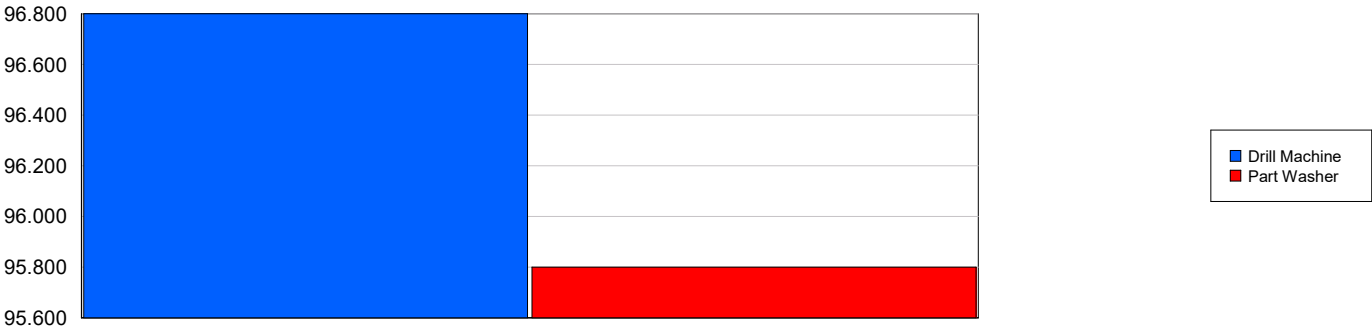
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Resource

Usage

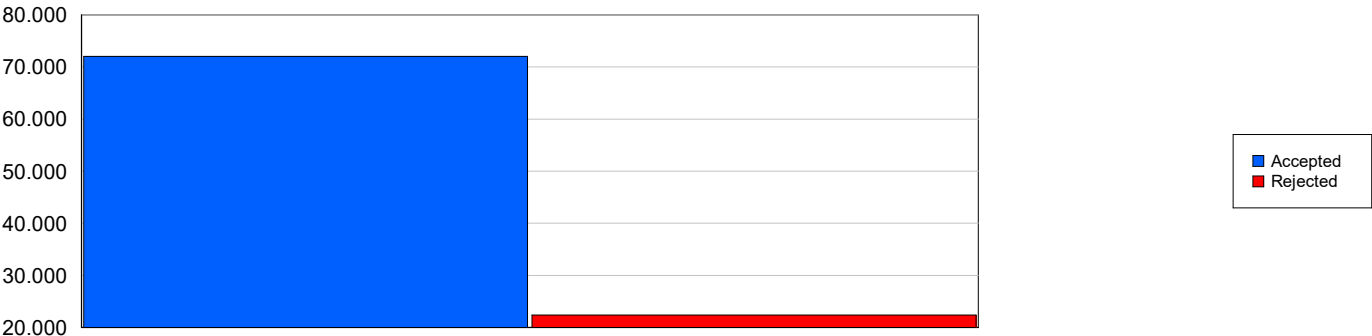
Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Drill Machine	96.8000	19.50	76.0000	111.00
Part Washer	95.8000	18.82	76.0000	109.00



User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
Accepted	72.0000	14.74	56.0000	83.0000
Rejected	22.4000	6.43	18.0000	31.0000



Usage

None	Average	Half Width	Minimum Average	Maximum Average
None	0.00	0.00	0.00	0.00