Exemplo Fabrica de Autopecas

Replications: 20   Time Units: Hours

Key Performance Indicators

System

	Average
Number Out	56

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Entity

Time

VA Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Peca	8.9097	0,05	8.7703	9.1179	6.3880	11.3587

NVA Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Peca	0.00	0,00	0.00	0.00	0.00	0.00

Wait Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Peca	11.7177	0,17	10.9393	12.2149	7.6166	28.0767

Transfer Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Peca	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
Peca	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
Peca	1.8443	0,02	1.7358	1.9262	1.3310	3.1027

Other

Number In

	Average	Half Width	Minimum Average	Maximum Average
Peca	1004.85	19,99	940.00	1120.00

Number Out

	Average	Half Width	Minimum Average	Maximum Average
Peca	977.70	20,01	911.00	1087.00

WIP

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Peca	25.4840	0,35	24.4903	27.3545	0.00	50.0000

Category Overview

Values Across All Replications

Exemplo Fabrica de Autopecas

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Criar o Lote de 10 pecas.Queue	0.2612	0,01	0.2317	0.2838	0.00	1.5689
Furar.Queue	0.1553	0,00	0.1500	0.1618	0.00	0.5241
Montar Palet.Queue	0.3575	0,01	0.3264	0.3790	0.00	1.7380
Realizar Tratamento Termico.Queue	0.00295110	0,00	0.00	0.00767198	0.00	0.1714
Resfriar.Queue	0.00045986	0,00	0.00	0.00151145	0.00	0.1220
Retificar.Queue	0.00412760	0,00	0.00306692	0.00532663	0.00	0.08897690
Retirar o Palet.Queue	0.00	0,00	0.00	0.00	0.00	0.00

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Criar o Lote de 10 pecas.Queue	4.4973	0,04	4.3873	4.7139	0.00	10.0000
Furar.Queue	2.6342	0,07	2.4004	3.0104	0.00	16.0000
Montar Palet.Queue	6.0360	0,08	5.7239	6.2810	0.00	15.0000
Processo do Torno.Queue	0.00	0,00	0.00	0.00	0.00	0.00
Realizar Tratamento Termico.Queue	0.00515379	0,00	0.00	0.01473019	0.00	1.0000
Resfriar.Queue	0.00078253	0,00	0.00	0.00256946	0.00	1.0000
Retificar.Queue	0.07148047	0,01	0.05201496	0.0967	0.00	5.0000
Retirar o Palet.Queue	0.00	0,00	0.00	0.00	0.00	0.00

Values Across All Replications

Exemplo Fabrica de Autopecas

Replications: 20   Time Units: Hours

Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira1	0.07453039	0,00	0.06784939	0.08140758	0.00	1.0000
Forno	0.5250	0,01	0.4988	0.5882	0.00	1.0000
Furadeira	0.5629	0,01	0.5199	0.6223	0.00	1.0000
Operador	0.5629	0,01	0.5199	0.6223	0.00	1.0000
Refrigerador	0.3964	0,01	0.3680	0.4333	0.00	1.0000
Retifica	0.2887	0,01	0.2724	0.3158	0.00	1.0000
Torno	0.00	0,00	0.00	0.00	0.00	0.00

Number Busy

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira1	0.07453039	0,00	0.06784939	0.08140758	0.00	1.0000
Forno	0.5250	0,01	0.4988	0.5882	0.00	1.0000
Furadeira	0.5629	0,01	0.5199	0.6223	0.00	1.0000
Operador	0.5629	0,01	0.5199	0.6223	0.00	1.0000
Refrigerador	0.3964	0,01	0.3680	0.4333	0.00	1.0000
Retifica	0.2887	0,01	0.2724	0.3158	0.00	1.0000
Torno	0.00	0,00	0.00	0.00	0.00	0.00

Number Scheduled

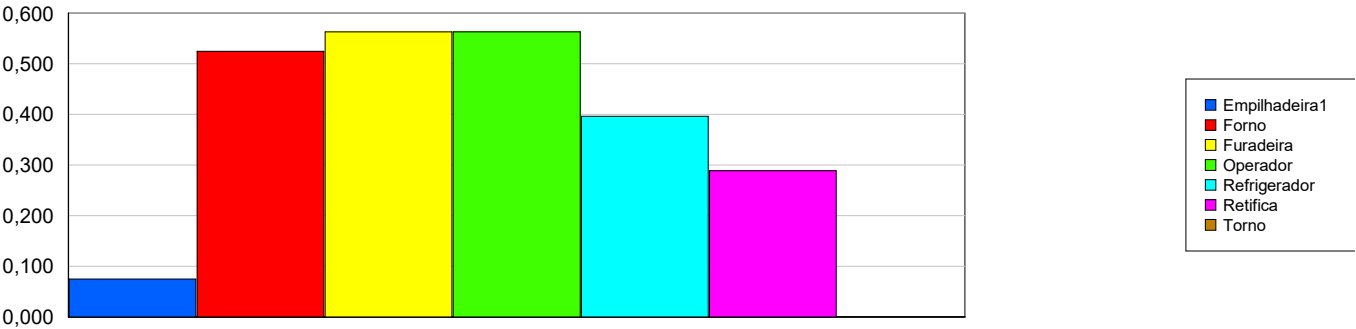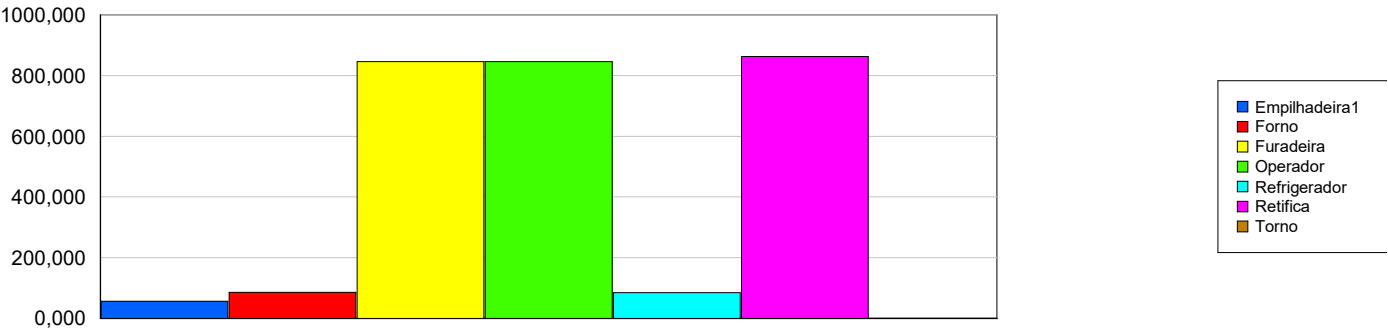|	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Empilhadeira1	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Forno	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Furadeira	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Operador	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Refrigerador	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Retifica	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Torno	1.0000	0,00	1.0000	1.0000	1.0000	1.0000

Exemplo Fabrica de Autopecas

Replications: **20**   Time Units: **Hours**

Resource

Usage

Scheduled Utilization

	Average	Half Width	Minimum Average	Maximum Average
Empilhadeira1	0.07453039	0,00	0.06784939	0.08140758
Forno	0.5250	0,01	0.4988	0.5882
Furadeira	0.5629	0,01	0.5199	0.6223
Operador	0.5629	0,01	0.5199	0.6223
Refrigerador	0.3964	0,01	0.3680	0.4333
Retifica	0.2887	0,01	0.2724	0.3158
Torno	0.00	0,00	0.00	0.00

Total Number Seized

	Average	Half Width	Minimum Average	Maximum Average
Empilhadeira1	55.9000	1,14	52.0000	62.0000
Forno	85.8000	1,74	80.0000	96.0000
Furadeira	846.10	17,40	790.00	943.00
Operador	846.10	17,40	790.00	943.00
Refrigerador	85.2000	1,72	80.0000	95.0000
Retifica	863.15	17,13	808.00	962.00
Torno	0.00	0,00	0.00	0.00

Exemplo Fabrica de Autopecas

Replications: 20   Time Units: Hours

User Specified

Tally

Between	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
gravar tempo entre lotes	0.5801	0,01	0.5189	0.6189	0.2118	1.5639
Registro de intervalo de retirada de palet da Empilhadeira	0.8659	0,02	0.7762	0.9255	0.4157	2.2430

Interval	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Grava tempo de Processo	1.8443	0,02	1.7358	1.9262	1.3310	3.1027

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
Conta acionamento da empilhadeira	55.8000	1,14	52.0000	62.0000