

Machine Selection

Current State

Lathe 1 (4799)	•\$37,818.35
Lathe 2 (4798)	•\$25,203.31
Large Programmable Mill (4900)	•\$24,967.45
Surface Grinder (5023)	•\$11,470.94
Cylindrical Grinder Brown & Sharpe (5121)	•\$7,968.71
Cut-Off Saw (5148)	•Unavailable
Chop Saw (4890)	•\$1,672.27

Small Programmable Mill (4827)	•\$14,280.53
Cylindrical Grinder Cincinnati (5016)	•\$12,926.31
Drill Press (5114)	•\$2,546.22

Reuse

Lathe 1 (4799)	•~60% of orders require turning
Lathe 2 (4798)	•A second lathe is necessary for multiple orders
Large Programmable Mill (4900)	•~95% of orders require milling
Surface Grinder (5023)	•Required
Cylindrical Grinder Brown & Sharpe (5121)	•Required
Cut-Off Saw (5148)	•Required to cut raw material
Chop Saw (4890)	•Required to cut raw material

Recycle

Sajo Vertical CNC Mill (4710/4639)	<ul style="list-style-type: none"> • Distributes milling operations with current mill • Already owned by Dresser-Rand • Decreases milling cycle times compared to small mill
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Remove

Small Programmable Mill (4827)	<ul style="list-style-type: none"> • Underutilized, Outdated • High maintenance cost
Cylindrical Grinder-Cincinnati (5016)	<ul style="list-style-type: none"> • Underutilized, Higher maintenance cost • Not enough workload to support two cylindrical grinders
Drill Press (5114)	• Drill operations are completed on mill to reduce setup time

Phase #1