IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

Belt Sander

Description	Belt Sander
Size / Horse power	1" Belt / 1/4 HP
Power source	120 volts through plugged power cord
Uses	Sanding of wood and metal

Safety Precautions

Hazards
Abrasions
Flying debris (potential eye and face damage)
Entanglement of hair, jewelry, or clothing
Fire risk
Training

Shop Safety Fundamentals Site Specific Training

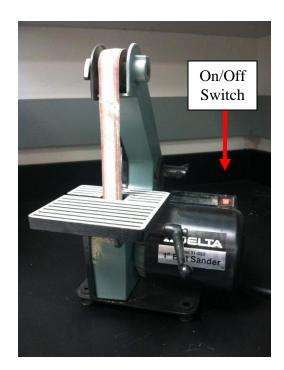
Protective Equipment

Safety Glasses

Tie back long hair

Avoid loose fitting clothing

Remove rings, watches, bracelets, and other such jewelry



Operation

Startup

- 1. Put on PPE listed above
- 2. Ensure work area is clean and free of obstacles
- 3. Ensure table is present and functions properly
- 4. Make necessary adjustments for safe operation
- 5. Inspect machine for damage or obstructions to operation
- 6. Turn on sander using power switch located on top of the switch box (A)
- 7. Begin work
- 8. Slowly press work piece against belt, avoid feeding material too quickly
- 9. Keep hands clear of sanding surfaces

Shutdown

- 1. Remove work piece
- 2. Turn off sander by using the power switch
- 3. Allow sander to stop on its own, do not leave the sander until it has come to a complete stop

Belt Table Adjustment

- 1. Loosen the locking lever (C)
- 2. Adjust table until desired angle is met
- 3. Tighten locking lever to secure table before use
- 4. Attempt to move the table to ensure it has been secured



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Installing and Tracking Abrasive Belt – Performed by Authorized Personnel Only

Tracking the Belt – Performed by Authorized Personnel Only

Maintenance

Storage	
Care	 Wipe the machine down after each use Keep exposed metal surfaces clean and rust free Make periodic inspection of the operation of the machine
Accessories	