A balancer is a machine that holds and spins a driveshaft while the operator performs the necessary steps to balance it. Most models display a readout informing operators how much weight to add or subtract from the shaft to allow the shaft rotation to be more centred. Certain types of balancers are also capable of other functions, such as pressing, welding and straightening.

**Hazards Involved/Arise**

- Flying debris
- Shaft coming loose from machine
- In-running nip points/entanglement hazards as shaft spins
- Manual handling of drive shafts and machine components
- Pinch points from closing guarding

**People Affected**

- Operators (primarily shop workers)
- Others working nearby
- Maintenance personnel

**Existing Controls**

- Installation and preventive maintenance by competent personnel
- Defective equipment locked/tagged out
- Risk assessment
- Safeguarded as per CSA Z432: Safeguarding of Machinery
- Training regarding safe operation, hazards, and required Personal Protective Equipment (PPE)
- Emergency stop
- Equipment cleanliness
- Not wearing loose clothing/ accessories

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