



# JOB AID HAZARD AWARENESS INFO

## BALANCER

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

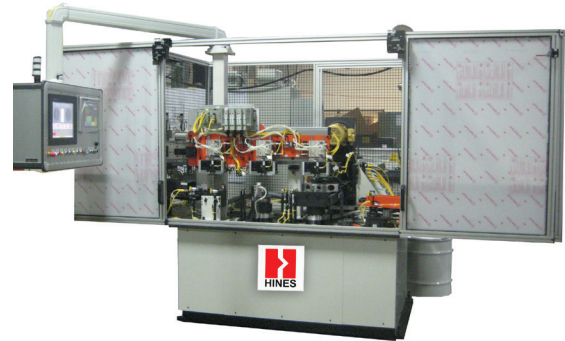


Image Courtesy of Hines Industries

### 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

This material, created by WSPS Volunteers as ancillary information, is suitable for general guidance only and is not a replacement for health and safety training, instruction, or procedures. No warranty, guarantee, or representation is made by WSPS as to the absolute correctness or sufficiency of this content. Under no circumstances shall WSPS, its affiliates, or any of its respective partners, officers, directors, employees, agents or representatives be liable for any direct, indirect, special or consequential damages, lost revenues or profits, or any other claim arising from or in connection with this material.

Content developed by WSPS Advisory Committees

375-BBJ-07-IGDO | REVISED JUNE 2017

For more information, contact  
Workplace Safety & Prevention Services

WSPS.CA 1 877 494 WSPS (9777)

CONNECT  
WITH US



 Workplace Safety  
& Prevention Services®