

Balance Jig

The Trilift® Balance Jig has been designed to assist with the safe installation and removal of the GE electric drive motor armatures, drive axles and similar components from heavy earthmoving and mining vehicles.

The Trilift® Balance Jig is designed for use with an overhead or mobile crane during component installation and/or removal. A Girder Clamp with locking screw provides adjustable positioning to establish a balance point.

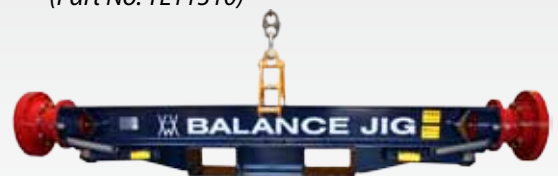
The design incorporates a removable Counterweight to allow the flexibility of handling one or two armatures for reduced turn-around times.



Options



Balance Jig with Counterweight
(Part No. TL11300)



Balance Jig without Counterweight
(Part No. TL11310)

Easily attached Counterweight



It only takes a few minutes to attach and detach the Counterweight (Part No. HW75327) from the Balance Jig.

Convenient adjustable handle



The handle comes standard with current Balance Jigs however it can also be retrofitted to earlier model Balance Jigs and Armature Jigs with Counterweights.

Retrofit Handle Kit
(Part No. HW75332)

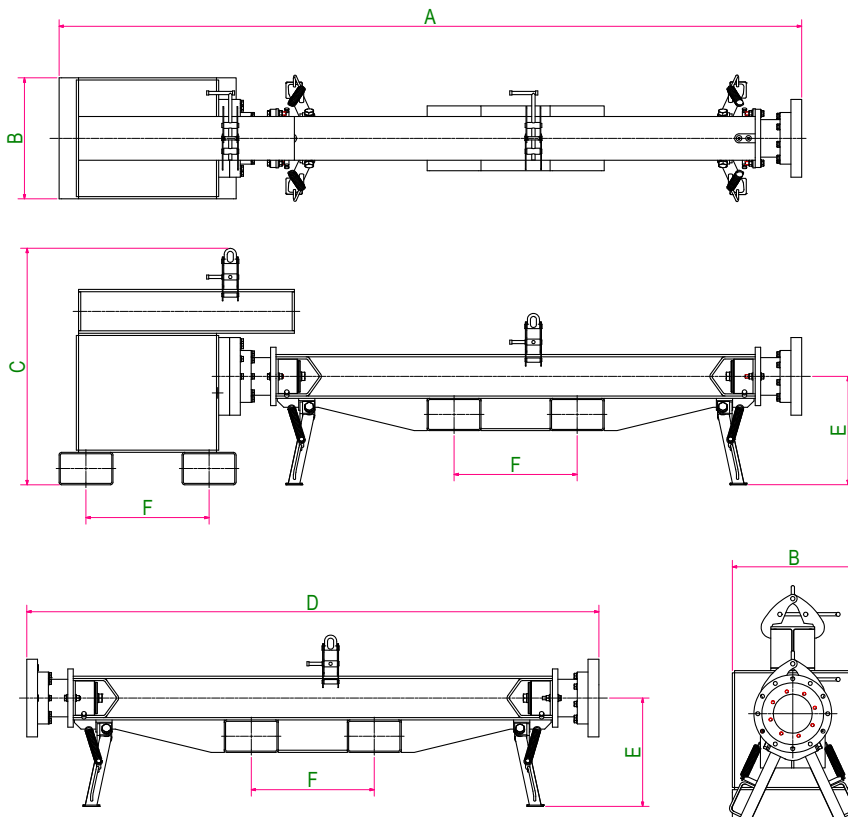
Features and Benefits

- Rotating flange adapters for bolting an armature to the Balance Jig
- Girder Clamp with locking screw to establish a lift balance point
- Retractable legs for jig support when resting on the floor
- Optional Counterweight for handling one armature
- Adjustable Counterweight handle to improve manoeuvrability and control

Specifications

The Trilift® Balance Jig is compliant with the following standards:

- AS 3990:1993 Mechanical equipment-steelwork.
- AS/NZS 1554.1:2011 Structural Steel Welding.
- AS/NZS 1418.1:2002 Cranes, hoists and winches.
- AS/NZS 1594 Hot rolled steel flat products.
- AS/NZS 3679 Structural Steel.
- AS/NZS 1252 High strength steel bolts with associated nuts and washers for structural engineering.



Key Operating Data

Working Load Limit - 2 armatures	6172lbs	2,800kg
Working Load Limit - Counterweight	3086lbs	1,400kg
Tare Balance Jig	705lbs	320kg
Tare Counterweight	3219lbs	1460kg

Key Dimensions

A Overall length	138in	3510mm
B Overall width	23in	630mm
C Overall height	42in	1055mm
D Balance jig beam length	104in	2650mm
E Beam to ground clearance height	20in	502mm
F Tine pocket width	22in	570mm
Tine pocket size	6X10in	150X250mm