Hitachi ZX48U-5 – 4.9 t Mini Excavator

Diesel short-tail mini excavator with operator cab and dozer blade (operating weight approx. 4,916 kg per Hitachi Australia).

PRE-START CHECKS

- Walk around: leaks, damaged hoses, cracked welds, loose/missing pins, bucket and quick-hitch locking.
- Check engine oil, coolant, hydraulic oil and fuel levels; check the fuel water separator per the manual.
- Tracks: tension and condition; no debris packed in the undercarriage.
- Cab/ROPS undamaged; seat belt works; windows, mirrors, wipers, lights, horn and travel alarm operate.
- Check the pilot control shut-off lever locks out the controls when raised (LOCK position).
- Site: Before You Dig Australia (byda.com.au), overhead powerlines, trench edges, slopes, exclusion zone set up.

HOW TO OPERATE – BASIC STEPS

1. Enter/exit using handholds and steps (three points of contact) with the pilot control shut-off lever in LOCK.
2. Fasten the seat belt. Start the engine with the lever in LOCK; check warning lights; warm up as per the manual.
3. Move the pilot control shut-off lever to UNLOCK and test each function slowly in a clear area. Confirm the lever pattern before digging.
4. Check blade position before travel – if the blade is behind you the travel levers are reversed. Travel slowly with the bucket low.
5. Work with the blade down for stability, dig over the front/rear rather than the side where possible; avoid sudden swings.
6. Park on firm level ground, lower bucket and blade to the ground, move lever to LOCK, idle down, stop engine, remove key.

KEY HAZARDS

- Crush/strike injuries within the swing radius – keep people clear; use a spotter where visibility is limited.
- Rollover on slopes, near trench edges or soft ground.
- Contact with buried services or overhead powerlines.
- Trench collapse; falling objects.
- Lifting suspended loads only if the machine is configured and rated for it (lift chart, hose burst valves, safe-load indicator as required) and by a competent operator.
- High-pressure hydraulic oil, hot engine parts, diesel exhaust, noise.

REQUIRED PPE

- Hi-vis, safety boots, hard hat as required by site, safety glasses, hearing protection; seat belt worn at all times.

REFUELLING / POWER / CHARGING

- **Diesel only.** Engine stopped, no smoking/ignition sources, do not overfill, clean spills. Return with fuel at the level supplied.

STORAGE & RETURN

- Return with attachment and blade lowered, tracks and bucket cleaned of mud.
- Transport only on a trailer/truck rated for the machine weight; lower attachment, engage lock, restrain with rated chains at tie-down points.
- Return with all accessories supplied. Report any damage, fault or near-miss at return – do not attempt repairs.

MANUFACTURER MANUAL & SDS

- **Manual:** Hitachi ZX48U-5 Operator's Manual: Manual available on request.
- **Manual:** Manufacturer product information: hitachicm.com.au – Excavators
- **SDS:** No SDS applies to the equipment itself. SDS for fuels/oils: from your fuel supplier, or available on request from Foothills Hire.

Licence / competency: No WA high-risk work licence is required for an excavator, but the operator must be trained and competent (e.g. nationally recognised excavator unit or VOC) and follow site rules.

EMERGENCY: call 000 (Police/Fire/Ambulance) • Poisons Information 13 11 26 • Breakdown or help: see the Contact page at foothillshire.com.au • Site first aider / supervisor: _____

IMPORTANT – READ BEFORE USE. This sheet is a summary only and does not replace the manufacturer's operator manual. The hirer must read, understand and follow the manufacturer's manual and all warning labels before use, and must ensure every operator is trained, competent and – where required – licensed for this equipment and task, as required by the Work Health and Safety Act 2020 (WA) and the Work Health and Safety (General) Regulations 2022 (WA). Do not use equipment that is damaged, untagged or out of inspection date – stop and contact Foothills Hire. Foothills Hire is a business name held by Foothills Industries Group Pty Ltd, ABN 38 688 848 302.