

SAFE USE & BASIC OPERATION GUIDE

EXC003-12ECO

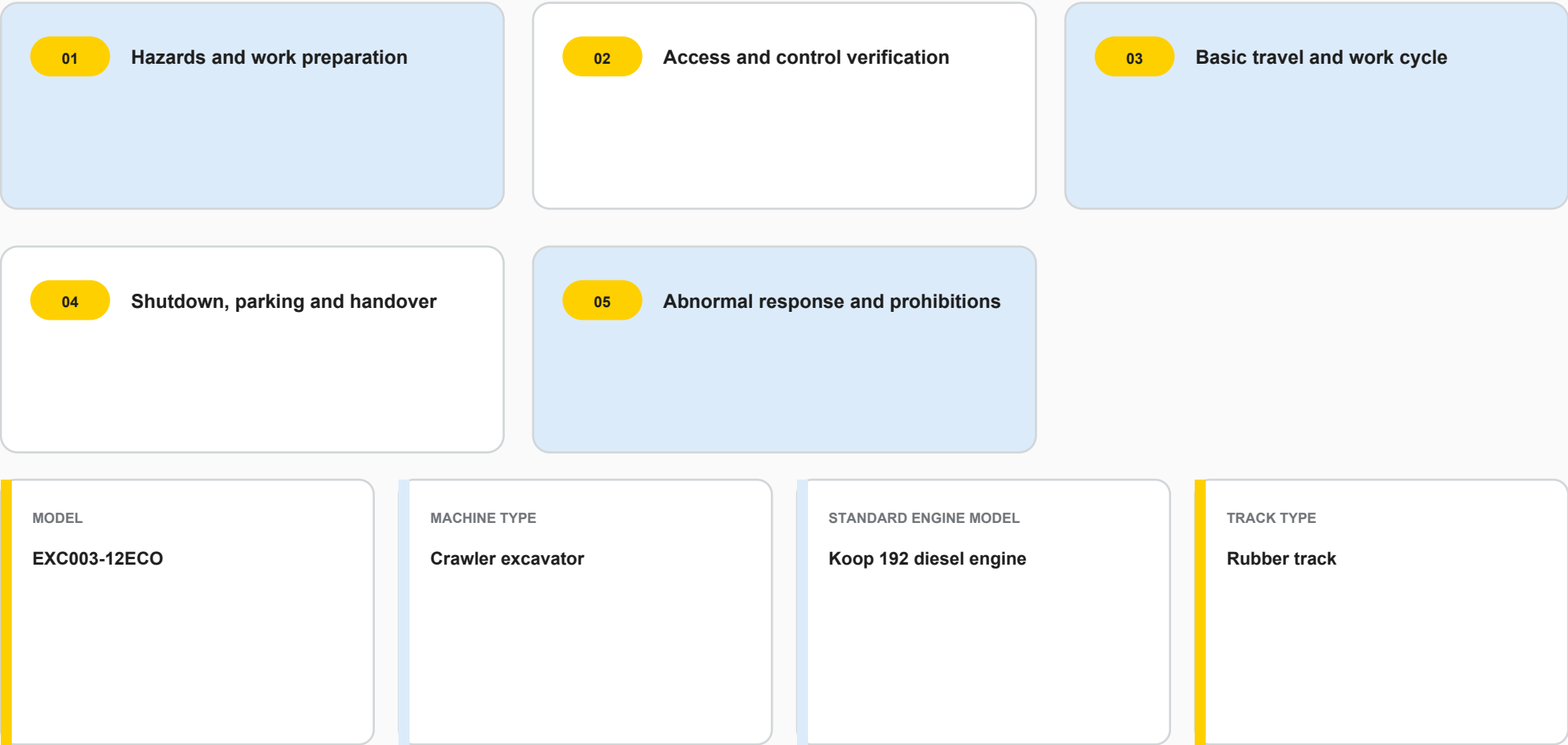
EXC25KBX121

Work preparation, hazard control, basic operation and safe parking

PRODUCT

Crawler Excavator







SWING & BLIND ZONES

Keep everyone outside the counterweight, equipment and attachment envelope. Stop and use a qualified spotter when vision is blocked.

ROLLOVER & GROUND

Soft edges, trenches, slopes and high loads reduce stability. Verify ground support and boundaries before work.

PRESSURE & HEAT

Never use a hand to find a hydraulic leak. Allow engine, exhaust, cooling and hydraulic areas to cool and depressurize before approach.

TRAVEL & BRAKING

Crawler travel, steering and swing create crush zones. Confirm upperstructure orientation and travel response first.

GO CONDITION

Trained operator, machine identity, work area, weather and visibility, exclusion zone, supplied instructions and site authorization are confirmed.

01

Use three-point contact

Face the machine and use designated steps and handholds. Never use controls as handholds or jump down.

02

Verify the control area

Read machine labels and supplied instructions for start, travel, swing, work equipment and shutdown. Isolate if labels are unclear.

03

Complete the pre-start check

Check surroundings, work equipment, tracks or tires, visible leakage, guards, warnings and the exclusion zone.

04

Make a low-risk function check

In a clear level area verify control response, travel direction, steering, braking and work-equipment motion. Stop at any uncertainty.

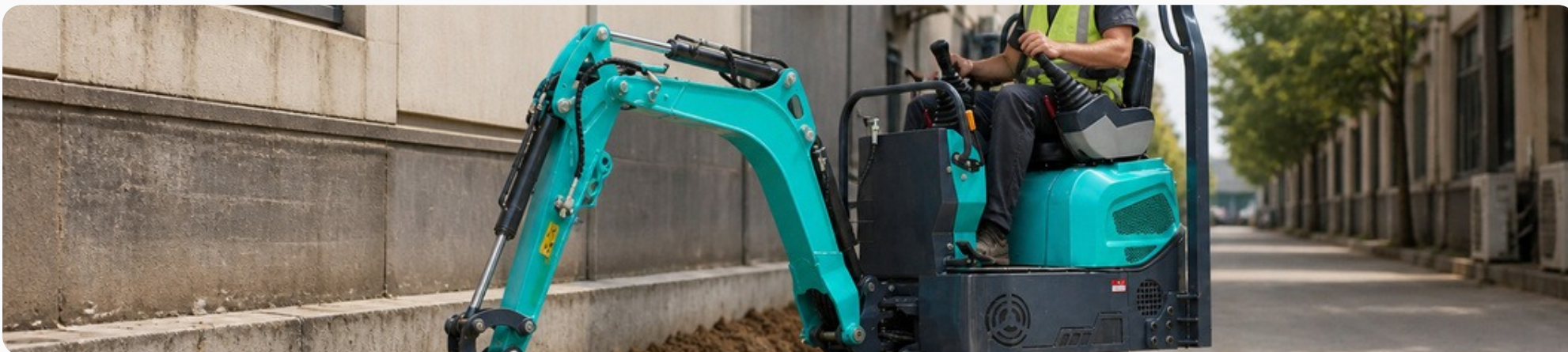


DO NOT START

A person is in the hazard zone, a control is unclear, a warning device is faulty, leakage is visible, braking/steering is abnormal, or equipment cannot lower reliably.

CONFIGURATION DIFFERENCE

Operate only installed, clearly labelled controls. Do not try a feature that is absent or unverified.



01

Confirm orientation and response

Identify upperstructure-to-track orientation and confirm travel response over a short distance in a clear area.

02

Travel low

Keep the bucket close to the ground with necessary clearance. Steer slowly and avoid edges, soft ground and people.

03

Align for work

Stabilize the undercarriage before swing or extension. Never lift people or pass a bucket over anyone.

04

Use a controlled cycle

Dig, lift, swing, dump and recover smoothly. Stop for unusual resistance or an unidentified object.

NORMAL SHUTDOWN, PARKING & HANDOVER

LEAVE A CLEAR, STABLE, VERIFIABLE STATE

01**Leave the active load**

Stop digging or loading and confirm everyone is outside the swing and equipment envelope.

02**Choose the parking place**

Use firm, level ground away from edges and traffic. Do not park across an unstable slope.

03**Lower equipment**

Lower the bucket and blade or stabilizers where fitted to remove suspended-load and drop hazards.

04**Shut down normally**

Use the machine-labelled shutdown, isolate the start source and wait for every part to stop.

05**Prevent movement**

Apply the machine-specified parking brake, wheel restraint or fitted measures. Do not rely on work equipment as long-term support.

06**Complete handover**

Record abnormalities, damage, fuel/energy state and unfinished work. Keep an isolated machine clearly tagged.

STOP IMMEDIATELY

- Abnormal noise, impact, binding, smoke, odor, overheating or uncontrolled motion.
- Hydraulic leakage, hose blister, fuel leakage or an unclear warning lamp/alarm.
- Abnormal braking, steering, travel, swing or work-equipment response.
- A person enters the hazard zone, visibility is lost, ground collapses, an edge becomes unstable, or an underground/overhead hazard is found.

AFTER STOPPING

- Lower or stabilize equipment, isolate the start source and depressurize under the machine instructions.
- Set an exclusion area and out-of-service tag; record location, symptom and conditions.
- Seek urgent professional medical help for fluid injection, fuel contact or any personal injury.

01 NO ENTRY BELOW RAISED EQUIPMENT

02 NO HAND CHECK FOR PRESSURE LEAKS

03 NO BYPASS OF INTERLOCKS, GUARDS OR WARNINGS

04 NO PEOPLE IN OR BELOW THE BUCKET

05 NO GUESSED LOAD, GRADE, SPEED OR PRESSURE LIMIT

06 NO UNAPPROVED WELDING, DRILLING OR CRITICAL SUBSTITUTION