

STE PRECISION · ALL-ELECTRIC · THE FIRST LINE, AND THE ONE THE OTHERS GREW FROM

PRECISION, QUIET, AND NO AIR ON BOARD.

STE Precision is the all-electric Steady Eddie: an electric drive on every control and nothing else to carry. It is the fit for light, fine controls, for work indoors and near people, and for sites that do not want compressed air anywhere near them.



STE PRECISION ON AN EXCAVATOR'S JOYSTICKS. BUILT FOR THE CAB WITH FINE CONTROLS

AI PLANS.	RULES GOVERN.	HUMANS AUTHORIZE.	SAFETY HAS VETO.
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STEADY EDDIE · A DIVISION OF
SUSTAINABLE INFRASTRUCTURE GROUP LTD. (SIG)
ENQUIRIES@STEADYEDDIE.CA

A REMOVABLE OPERATOR FOR THE MACHINES YOU ALREADY OWN
EVERY STATEMENT IN THIS DOCUMENT IS PUBLISHED ON STEADYEDDIE.CA
FIGURES FOR A PARTICULAR MACHINE ARE GIVEN ON ENQUIRY

EVERY CONTROL, DRIVEN ELECTRICALLY.

THE SYSTEM

Each control gets an electric drive sized for it, in the same pods, on the same platform and the same dock as the hybrid. What the electric line gives up is brute force on the heaviest levers. What it keeps is precision, quiet, and a unit with no air to supply, dry or maintain.

The unit lifts in and out of the dock the same way, calibrates to the cab the same way, and answers to the same rules, the same person and the same safety system. Only the drive is different.

WHAT IT DRIVES

- Joysticks and light control levers
- Dials, selectors and switches
- Light pedals and travel controls
- Implement controls on light and compact machines



AN EXCAVATOR'S OPERATOR STATION, THE WIDE VIEW. THE DOCK IS FITTED ONCE, MECHANICALLY

WHAT IT CHANGES ON YOUR MACHINE. NOTHING.

THE MACHINE STAYS STOCK

Not the electronics.

Never onto the machine's CAN bus, never into its ECU, never its firmware. Nothing is cut, no harness tapped, no controller flashed. The only wire is a fused power feed.

Not the controls themselves.

Eddie runs the machine through the same joysticks, levers, pedals, dials and switches your operators use. The machine gets the inputs it was built to get.

Not the day you sell it.

The unit lifts out and the dock comes off. The machine is standard. Its fault codes stay its own, and no diagnostic path runs through us.

Your machine does not have to be modern.

Eddie works the controls, not the wiring, so a machine with no CAN bus, no ECU and no firmware is handled the same way as new iron. If a person can work the controls, the electric line can work them.

HOW A FIT GOES.

FIT ONCE · CALIBRATE DAILY

01

Fit.

You fit it, following our instructions, into points the manufacturer already provided. The control units pin on, and come off again.

02

Tell it the machine.

You select the machine type in the software. Eddie never puts more force on a control than that kind of machine should see.

03

Calibrate.

Eddie learns where neutral sits, where the limits are, how much travel there is before the machine answers.

04

Every day.

Worn, sloppy controls are the normal condition, and no two are alike. Eddie calibrates every day it works, not once at commissioning.

THE FIRST FIT TAKES DAYS AND HAPPENS ONCE. AFTER THAT THE UNIT GOES IN AND OUT OF THE DOCK.

THE FOUR QUESTIONS BUYERS ASK FIRST.

STRAIGHT ANSWERS

What does it do to my machine?

Nothing. Nothing is cut, no harness is tapped, no controller is flashed and no OEM software is touched. The only wire is a fused power feed.

How long is my machine down?

The first fit takes days and happens once. After that the unit goes in and out of the dock.

Who diagnoses it at six in the morning?

Your machine's systems are untouched. Its fault codes stay its own, and no diagnostic path for the machine runs through us.

What happens when I sell the machine?

The unit lifts out and the dock comes off. The machine is standard.

ON WARRANTY, CONFORMITY AND LIABILITY: THAT NOTHING IS CUT, TAPPED OR FLASHED IS AN ENGINEERING PROPERTY WE CAN SHOW YOU ON THE MACHINE. IT IS NOT A LEGAL OPINION; THE REST IS A QUESTION FOR YOUR COUNSEL.

WHY THIS LINE, AND NOT THE HYBRID.

CHOOSE THE ELECTRIC LINE ON PURPOSE

The hybrid is the model we recommend unless the cab or the site says otherwise. These are the three things a site says that point to STE Precision.

INDOORS AND NEAR PEOPLE

Quiet, clean, and nothing venting.

A shop floor, a plant, a barn, a yard where people work beside the machine. An electric drive makes no noise worth mentioning and vents nothing.

LIGHT, PRECISE CONTROLS

Fine, repeatable movement.

Compact excavators, skid steers, telehandlers and the light end of the fleet reward a drive that is exact rather than strong.

SITES WITHOUT AIR

No compressor, no lines, no drying.

Where there is no compressed air on site and no wish to bring it, the electric line asks for nothing but a fused power feed from the machine.

Not sure it is the electric line you need?

Most fleets are not, and that is why the hybrid exists. Tell us the machine, the ground and the crew and we will say which model fits, and why. What the electric line gives up is brute force on the heaviest levers, so a cab with big levers and pedals belongs to the hybrid or to the pneumatic line.

THE THREE MODELS, SIDE BY SIDE.

ONE DOCK, ONE SEAT, ONE SET OF RULES

MODEL	WHAT MOVES THE CONTROLS	BUILT FOR	WHAT YOUR MACHINE SUPPLIES	WHERE IT STANDS
STE Precision	Electric drives throughout	Fine controls, quiet work, sites with no air	A fused power feed	The first line, offered where a cab or a site calls for electric throughout
STE Integrate	Electric where it turns, air where it pushes	Mixed fleets, mixed cabs, the everyday choice	A fused power feed	The system we build today, on twelve machines of our own
STE Air	Compressed air throughout, carried on the unit	Heavy controls, hard weather, crews that run air	A fused power feed	Its own line, offered where a cab or a site calls for air throughout

SAME DOCK. SAME SEAT. SAME RED RELEASE ON EVERY ACTUATOR. SAME RULES. THE MODEL IS THE LAST DECISION, AND THE EASIEST ONE, BECAUSE WHICHEVER YOU CHOOSE, YOUR MACHINE STAYS YOUR MACHINE.

THE LIGHT END OF THE YARD.

WHERE THE ELECTRIC LINE IS AT HOME

The machines where fine control matters more than force. Name yours and we will tell you what fitting it involves.



JOHN DEERE 60G MINI EXCAVATOR



CATERPILLAR 236 SKID STEER

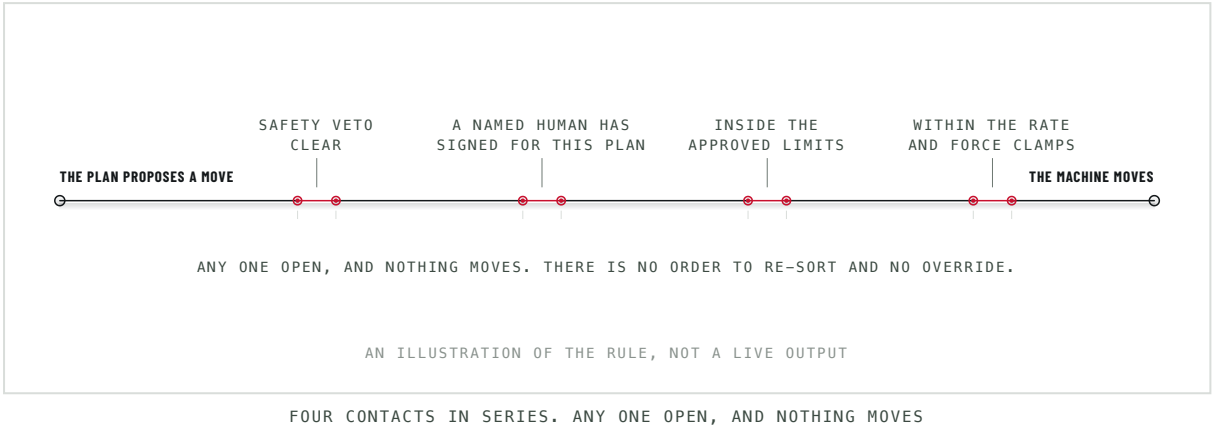


JCB 550-170 TELEHANDLER

HOW A MOVE IS ADMITTED.

ONE MOVE NEEDS FOUR YESSES

A move happens only when the safety system is clear, a named person has signed for this plan, the move is inside the limits that person approved, and the rate and force clamps are satisfied. All four, every time, or the machine does not move.



THREE WAYS TO TAKE CONTROL AWAY.

EACH ONE WORKS WITHOUT THE OTHER TWO

Pull the pilot lockout lever.

The machine's own, fitted by the manufacturer. Eddie raises and lowers it exactly as an operator does.

Pull the red manual release.

On any actuator: one hand, no tool and no power. It separates that actuator from the control it drives.

Cut the power to the drives.

Which the safety system does on its own veto. Each of the three works without the other two.



A RED RELEASE ON EVERY ACTUATOR

A PERSON STARTS THE MACHINE EVERY SESSION AND CLEARS IT FOR OPERATION BEFORE EDDIE ENGAGES THE CONTROLS. STE PRECISION'S SAFETY FUNCTIONS ARE DESIGNED AGAINST THE ARCHITECTURE OF ISO 13849 AND BUILT TOWARD ISO 17757, FOR AUTONOMOUS EARTH-MOVING MACHINERY. WE CLAIM NO CERTIFICATION AND NO PERFORMANCE LEVEL; THE RELEASES ARE YOURS TO TRY AT OUR OWN TEST FACILITY IN ALBERTA.

WHAT TO SEND US

- Make, model and year, and the cab trim if you know it
- Photographs of the operator station: the seat, both consoles, the floor, the pedals and each control close up
- What the machine does all day, and where: the task, the site, the shift
- Whether that machine is holding up the job, or waiting on something else
- Whether the public ever comes within reach of it

You get back which family your machine belongs to, the first step, and what we still need to learn. From a person, within one working day. No deposit, no payment, no price.

THE PROGRAMS THAT CAN HELP PAY

Governments fund what a buyer does when they put automation on a machine they already own. They lend against it, they let you write it off faster, they pay for the training, and in a few places they share the cost. Our buyer's guide, [Setting up the Alberta programs for a Steady Eddie purchase](#), maps every door an Alberta buyer can knock on and the order to knock, with each program's own terms quoted from its page and the day we read it. Ask us which door is yours before a quotation is signed.

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NAME YOUR MACHINE AND WE WILL TELL YOU WHERE IT STANDS.

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DIMENSIONS, WEIGHTS AND ANY OTHER FIGURE FOR A PARTICULAR MACHINE ARE GIVEN ON ENQUIRY