

SCAIP Pipelayers



FEATURES

Anti-Two Block

Sets a minimum distance between the top block and the hook block, preventing collisions between them.



Hydraulic Winches

The same kit used for the winch conversion of Caterpillar, Komatsu and Fiat pipelayers is used on this machine.



Boom Kick-Out System

This system will ensure you will never bend another boom.



Hydrostatic System

State-of-the-art hydrostatic system insures safety and reliability and is especially efficient when working on steep grades.



Engine CAT® Tier3 or Tier4 Final

All SPX-Series pipelayers are built with Caterpillar engines. U.S. EPA Tier 4 Final/ EU Stage IV or U.S. EPA Tier 3/EU Stage IIIA equivalent.



*The Right Product &
Service **Every Time***

SCAIP Pipelayer Specs and Models



Closed Cabin (Optional)

External Lights ATP Status



Variable Track Gauge

Removable Track and Transportable in Containers

SPX-260

SPX-460

SPX-670

SPX-960



Max lifting capacity
26t / 57,320 lb

Operating weight
20t / 44,092 lb

Net flywheel power
202 hp / 151 kW

Speed travel
9 km/h / 5.6 mi/h



Max lifting capacity
46t / 101,412 lb

Operating weight
31.2t / 68,784 lb

Net flywheel power
250 hp / 184 kW

Speed travel
8.7 km/h / 5.4 mi/h



Max lifting capacity
66t / 145,500 lb

Operating weight
41.5t / 91,492 lb

Net flywheel power
350 hp / 261 kW

Speed travel
8.3 km/h / 5.8 mi/h



Max lifting capacity
97t / 213,848 lb

Operating weight
63t / 138,891 lb

Net flywheel power
202 hp / 151 kW

Speed travel
9 km/h / 5.6 mi/h



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SPX Pipelayer Specifications

TIER 5 FINAL ENGINE - All SPX-Series pipelayers are built with Caterpillar engines. U.S. EPA Tier 4 Final/EU Stage V.

HYDROSTATIC SYSTEM - State-of-the-art hydrostatic system insures safety and reliability and is especially efficient when working on steep grades.

HYDRAULIC KIT WINCH - The same kit used in the winch conversion of Caterpillar, Komatsu and Fiat pipelayers is used on this machine.

SAFETY - Safety has always been a big focus for us. Some of the safety features are our new ATP-Plus anti-tipping system, electronic boom kick-out, anti-two block and free fall.

ROPS/FOPS - The ROPS/FOPS is designed in such a way to allow the operator a clear view of the top of the boom and the load.

COUNTERWEIGHT RACK - New design which makes the counterweight system easy to assemble and disassemble.

HYDRAULIC SYSTEM OPTIONS

ELECTRONIC OVER HYDRAULIC

ANTI-TIPPING SYSTEM - Prevents tipping by calculating the maximum load that can be lifted.

FREEFALL SYSTEM - When the button is engaged, the load free-falls and then immediately stops when the button is released.

BOOM KICK-OUT SYSTEM - This system will ensure you will never bend another boom.

ANTI-TWO BLOCK - Sets a minimum distance between the top block and the hook block, preventing collisions between them.

HYDRAULIC OVER HYDRAULIC - FREEFALL SYSTEM, BOOM KICK-OUT SYSTEM AND ANTI-TWO BLOCK

STATE OF THE ART CABIN

STANDARD DISPLAY

CONTROL - With only 2 joysticks, the operator can operate both winches, increase/decrease the engine's throttle, and control the machine's travel.

TRANSMISSION PILOT LEVERS - There are 2 extra pilot levers for the transmission, which can assist the operator in making precise maneuvers, such as turning in a steep hill or making pinpoint movements to couple the pipes.

CLOSED CABIN

AIR CONDITIONING AVAILABLE - Heating and cooling system.

VISIO DISPLAY

LCD 7" DISPLAY - It displays relevant information in a beautiful, easy to read, graphical interface. It can also be adjusted for day or night viewing.

ANTI-TIPPING SYSTEM ATP-Plus

ATP PLUS - The new electronic panel ATP-LAS can monitor different lifting operation to guarantee better side and horizontal stability of the pipe layer. The ATP system controls side stability of the machine by means of a load and momentum limiter. Sensors and angle meters have been provided on the winch unit of the tractor, thus avoiding running of electrical cables along the lift boom for enhanced reliability and safety. The electronic control unit shows the lifted load and the overhang on the display fitted in the control dashboard. The ATP system is equipped with a limit switch for both the lift boom and the anti-two-block. The LAS system monitors the machine tilting and warns the operator whenever dangerous gradients are close when traveling both up- and downhill. The system is provided with a bypass key which overrides safety devices and is used during boom and wire rope installation. It also features two buttons which are used to reset the anti-two-block position and the boom length whenever the boom is replaced.

ASSEMBLY & TRANSPORT

All SPX Pipelayer are developed to be disassemble easier and fast. All set of blocks are able to be disassemble from the boom without remove the roopes and positioned on the machine in a dedicated site. Quick Disconnected Counterweight System (QD-CS) to give the possibility to disassembly in a short time all counterweight pack.