

Komatsu America Corp Introduces the New D155AXi-8

1 April 2015 by Komatsu

Big dozer productivity meets rough-cut-to-finish-grade automated efficiency

Komatsu America Corp., a leading global heavy equipment manufacturer, today introduced the new D155AXi-8, **Komatsu's** first intelligent machine control crawler dozer in this size class, and the newest addition to the next generation of machine control and dozer technology.

"The D155AXi-8 is ideal for highway construction and large residential or commercial site-prep projects," said Jason Anetsberger, product manager-Intelligent Machine Controls, **Komatsu America Corp.** "If you're looking for something that accurately and efficiently moves massive amounts of material, look no further."

Innovative integrated intelligent

The D155AXi-8 machine control system features enhanced "intelligence" that allows automated operation from heavy dozing to fine grading. The D155AXi-8 has the ability to sense and control blade load, optimize the start of the cut and minimize track slip, achieving up to 8% greater efficiency in moving material in a start-to-finish grading test, compared to typical aftermarket machine control systems.

The lack of blade mounted sensors means there's no need for operators to climb on the blade to install/remove GNSS antennas, no coiled cables to snag and no electrical connections to worry about at the start and end of every shift.

Powered by a 354 HP **Komatsu** SAA6D140E-7, Tier 4 Final emissions certified engine, the D155AXi-8 emits 80% less nitrogen oxides (NOx) than its Tier 4 interim predecessor. This variable geometry turbocharged and after cooled, 15.24 liter diesel engine features Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR) systems and achieves fluid-neutral fuel economy.

Time-saving productivity

An automatic gearshift transmission and lock up torque converter team up to select the optimal gear range depending on jobsite conditions and load, and are designed to provide maximum operation efficiency. This electronically controlled transmission locks up the torque converter to transfer engine power directly to the transmission, eliminating horsepower loss and cutting fuel consumption by up to 10%.

The patented SIGMADOZER blade, designed to dig and roll up more soil at the blade's center, holds more material, reduces digging resistance and dozes up to 15% more soil while using less power, compared to a typical semi-u blade.

Comfortable ride

The D155AXi-8 ROPS pressurized cab has large, tall windows and superb sealing for outstanding visibility and less noise and dust inside the cab. The D155AXi-8 cab damper mounts isolate the cab from the machine frame, softening shocks and vibrations and providing unmatched operator comfort.

The D155AXi-8 and every other Komatsu Tier 4 Final machine, whether rented, leased or purchased, is covered by the Komatsu CARE program for the first three years or 2000 hours, whichever comes first. Komatsu CARE includes scheduled factory maintenance, a 50-point inspection at each service and two complimentary Komatsu Diesel Particulate Filter exchanges and DEF tank flushes in the first five years.

Komatsu America Corp. is a U.S. subsidiary of **Komatsu Ltd.**, the world's second largest manufacturer and supplier of earth-moving equipment, consisting of construction, mining and compact construction equipment. Komatsu America also serves forklift and forestry markets. Through its distributor network, Komatsu offers a state-of-the-art parts and service program to support its equipment. Komatsu has proudly provided high-quality reliable products for nearly a century. Visit the website at www.komatsuamerica.com for more information.

Source: Komatsu