

Connecting to sustainable action with reconditioned rod solutions

LAS VEGAS, NEVADA, USA, May 3, 2023 /EINPresswire.com/ -- Investments in eco-efficiency are being made across a multiplicity of different industries, all designed at connecting to the current climate of sustainability. In the quest to ultimately save humans from themselves, re-use and recondition are the buzzwords driving the making of everything, from computers to cars. Whilst the auto sector is not commonly regarded as expressing the epoch of environmental conservation, car component re-cycling and remanufacturing is in fact a hallmark of the industry.

Engine parts are high cost in raw material usage as well as monetary valuation, resulting in a firm repair rather replace ethos. Recent scientific study into the flow on effect of auto component remanufacturing on broader sustainability confirms its success. To quantify, "the environmental benefits brought by remanufacturing a core part instead of producing a new one: remanufactured ICEs carry on an environmental burden that is [22%-33% the environmental burden associated](#) with the manufacturing of new ICEs."



KBP 750-NC/ Con-Rod Boring Machine



Con-rod and Cap End Face Grinder DM100

MachTrade is a key name metal machining provider for auto industry businesses everywhere.

The company's comprehensive online portal extends remote sales and servicing on a wide range of high performance engine rebuilding machinery. MachTrade assists its customers to participate in conserving primary resources, reducing the amount of energy their workflow processes consume, and ultimately scaling their operations for maximum profit.

Why bore a connecting rod?

Engine connecting rods are vital components of internal combustion engines. Their chief responsibility is in transmuting the energy released in the combustion process from piston to crankshaft. In modern cars, connecting rods need to adhere to strict standards in order to elicit efficient engine performance. They are constructed from materials required to be both robust and lightweight.

The repair of connecting rods also assumes a special significance when working on classic cars, where there is often a preference towards repair over replacement in order to preserve the vehicle's vintage integrity. In both classic and modern vehicles, regular exposure to extreme levels of tension, leads to connecting rods requiring special attention.

Poor maintenance, operational misuse such as insufficient lubrication, over-speeding, underuse or deterioration over prolonged time periods, can all result in rods and rod bearings that require reconditioning with a [connecting rod boring machine](#). A highly specialized and high piece of machinery, connecting rod borings machines are in fact often fairly simple to operate. They are used to enlarge a hole that has already been drilled. In doing so they provide the necessary increase in tolerances, accuracy and finish quality, that is required in effective connecting rod repair. The best value versions have energy efficient design with low maintenance requirements and a long operational lifespan. MachTrade's custom range of connecting rod boring machines draws from the model successes of its POLEKS and SJMC representative brands, to offer high performance machinery solutions that have been road tested for quality and longevity.

Trading with the titans of machining

MachTrade LLC is a leading supplier of high precision metal working machinery, engine remanufacturing and industrial washing equipment. In partnership with industry leading manufacturers, POLEKS, SJMC and MU-Teks, MachTrade is a customer service oriented remote



Boring machine for boring shafts and connecting rod bushings SJMC T8210D/T8216

access sales, service, installation and repair firm with 10 years of experience in meeting The company is staffed by a dedicated team of automotive and engine remanufacturing experts who funnel extensive auto industry experience into the quality control of all product deliveries, as well as trusted maintenance and repair services.

Conceived on the concept of providing long-term sales, advice and servicing that caters to each customer's unique business requirements, every MachTrade purchase is accompanied by a one to three year warranty. Its on-site service and repair teams provide ongoing support to businesses to ensure their machinery is maintained to perform at its highest revenue generating potential. MachTrade further maintains its customer focus with favorable post-warranty maintenance rates, a dynamic online best offer price function and continued access to advice and support.

The future of cars is evolving towards a greener future with an even greater impetus towards remanufacturing the precious car parts already in circulation. Whether your business is involved in the restoration of classic vehicles, or in the remanufacturing of a more modern fleet of engines, connect with a company that cares about delivering quality products solutions and finessed service solutions with MachTrade.

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