

9 NEW Machines join LiuGong's 20 machine line up, covering every major application

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LiuGong and Dressta will showcase a 20-machine line up of tough equipment designed for the world's toughest conditions. This line-up clearly demonstrates the company's capability to deliver machines for every major application; mining, quarry and aggregate, demolition, material handling, utilities, landscaping, road and highway and agriculture. The six new machines making their bauma debut have been inspired by close collaboration with customers. They include new; wheel loaders, excavators, a motor grader, a forklift and two new dozers from Dressta. These new machines clearly underline the company's commitment to listening to customers and to working with them to create value adding machines. LiuGong and Dressta certainly have a strong product story to tell but their principal communication aim at bauma is to listen. They want to use the opportunity to generate real customer feedback for their products and services today and gain insight into what customers really need for tomorrow.

The all new 909 ECR compact radius excavator

The new 909 ECR is a perfect example of LiuGong's customer centric approach. Designed in close co-operation with UK plant hire customers, this compact radius machine is new from the ground up and has been designed to fill a gap in the UK's rapidly growing rental market. Offering excellent stability, the 909ECR is a highly versatile tool carrier enabling it to use a wide variety of attachments, ranging from buckets to hammers, in road and inner-city applications.

New 950 demolition excavator

New for heavy demolition applications is LiuGong's new 950 demolition excavator. This machine is the result of extensive customer consultation and with close collaboration with partners Kocurek UK. It is a perfect example of LiuGong's ability to adapt and develop its machines to perfectly match the customer's application. Positive customer feedback focuses on the machine's improved stability and stronger 30m long reach boom which allows the 950 to punch well above its weight. The design of the attachment group also allows changing of standard equipment to high reach equipment and vice-versa in 30 minutes or less. This design of modular joint is now over 20 years in production and is well proven having been incorporated into over 700 units working in the field on 20 ton to 150-ton base machines. Greater reach and the ability to handle

heavy weight attachments ensures that the 950 gets the job done faster. Operator comfort and safety are top priority in this demolition application excavator. The cab is modified by replacing the front window screen with 5-layer laminated glass and also to the same modification, including extending, to the roof glass. The front and roof glass are then butt joined to the front screen to give unsurpassed upward vision for the operator when working his attachments. Thanks to increased visibility with the tilted cabin, a ROPS/FOPS certified cab and standard rearview camera, the operator can focus on the job with confidence.

New 848H wheel loader with ergo transmission

Versatility is a key demand for customers operating in Waste and Recycling applications. The 848H with new Ergo transmission delivers multi-tool flexibility with maximum power, minimum emissions and a safe and comfortable operator environment. The new Cummins QSB6.7 combined with a wet axle and a 5-speed transmission, with a lock-up clutch torque converter as standard, complies with Stage 4 regulations without compromising on power. Advanced load sensing hydraulics and auto shift transmission ensure rapid cycle times. Productivity is further enhanced by LiuGong's quick coupler which enables fast and easy swapping of attachments.

New stage V 856H wheel loader

With a new Stage V engine, the 856H brings LiuGong's performance capability to more customers in material handling and aggregate preparation. As well as complying with the latest EU Emissions regulations, customer clinics also highlighted load and carry and V cycle speeds as crucial to the success of machines in this segment. With the New 856H, LiuGong have delivered an emissions compliant machine which moves more – for less. Carrying and V cycle speeds are consistently high owing to the 856H's Stage V engine, wet axle, 5-speed transmission and standard lock-up clutch torque converter.

Ergonomically designed joystick further enhances the operator comfort and increases total productivity. Silicone oil shock absorbers improve the ride quality over the roughest terrain and help prevent material spillage

New 890H wheel loader for european market

It's a tough world and the 890H lives up to LiuGong's promise of "Tough Equipment." For customer applications which require heavy lifting the 890H delivers more power for less consumption. The Cummins Stage 4 engine is designed to develop more power at low speed, maximizing torque output. The power shift

transmission and advanced load sensing hydraulics combine to deliver superior breakout force with speed and agility. Efficiency is improved further by the Intelligent Power Cut Off function, which improves braking and supports the hydraulics in reducing fuel consumption. The 890H also features driver safety and comfort improvements including enhanced dust filtration which significantly improves the cab environment.

New 4180D motor grader

The new 4180D motor grader is a completely new machine and is the embodiment of LiuGong's design DNA. The UK based industrial design team worked in close cooperation with customers and operators to rethink the traditional grader. The resulting machine boasts best-in-class 324° panoramic visibility owing to a unique 5 post cab with a single C-pillar, a completely new cab interior which sets the benchmark for comfort and efficiency. New impact resistant materials have also been introduced to provide better weight distribution and increase recyclability. In addition, access for routine maintenance has also been improved to reduce downtime.

New 2016A-T electric forklift

LiuGong's new 2016A-T forklift, uses advanced electrics to create the benchmark for efficiency, performance and operator comfort. In customer clinics, operators asked for a machine which would help them improve their day-to-day working. LiuGong delivered with a machine which gives the operator 15% more working space. Access for routine maintenance has also been improved via a 90° opening hood, which saves the operator valuable time. The powertrain has reliability "built in" through the use of high quality, proven components.

New stage V TD-15 dozer

For Dressta, customer collaboration is also engrained in the company's product DNA.

The new TD-15 and TD-25 crawler dozers are a perfect example of listening in action. The UK industrial design team along with R&D conducted exhaustive customer research into the operator's world before designing these new machines. The TD-15 is a completely new machine which benefits from a Stage V compliant powertrain and has been designed to offer maximum versatility through the widest choice of frame structures and blades. New load sensing steering provides more precise blade and ripper control and reduces fuel consumption up to 10%. The TD-15 also benefits from a new cab design which greatly improves operator comfort, safety and visibility with 30% more glass and the inclusion of rear-view cameras. Access for

routine maintenance has been made easier to ensure the uptime and efficiency of the machine.

New TD-25 dozer

The voice of the customer is clearly apparent in the new TD-25. As with the TD-15, this is a completely new machine in which visibility and safety have been greatly improved with 30% more glass in the cab and the inclusion of rear cameras. A new Bogie undercarriage design delivers a unique comfort for operator, especially on extreme rocky application and still delivers the best in class drawbar pull and productivity. The operator environment has been radically improved within the pressurized cab. Special attention has been focused on the operational ergonomics to improve efficiency and reduce fatigue. Improvements in the suspension and hydraulics further improve the operator experience by reducing noise and vibration.

Dressta dozers from 78 to 536HP, combine a durability, enhanced operator environment and proven technology giving unrivalled productivity in all dozing and ripping applications.

Source: LiuGong