

Glass Handlers

Used Glazing Machine Hawaii - Dresssta Construction Equipment has grown to be considered a world leader within the heavy construction, oil and gas and mining industries. Designers in Stalowa Wola Poland produce a network of equipment from this facility. The factory began in 1937 as a supplier of military equipment and grew to become a leading manufacturer in Central Europe for construction equipment called HSW or Huta Stalowa Wola. Company History Dresssta equipment has evolved over the years to exceed customer expectations and environmental legislation. Many well-known companies have been among its' licensors such as International Harvester, Jones Cranes, Coles Cranes and Stetter GmbH. In 2012, LiuGong Machinery acquired the company and the name became LiuGong Dresssta Machinery. Manufacturing and efficiency were greatly increased by this acquisition. Operations have been expanded into Asia & Pacific, Europe, North America, the Middle East & Africa and Latin America with superior technical support. LiuGong has expanded to three hundred and eighty dealers, eleven thousand global employees, twenty-four manufacturing plants and two thousand six hundred and fifty sales outlets. There are ten parts depots and ten regional offices offering extensive service and marketing support worldwide. The company has companies situated in Russia, Europe, Brazil, Singapore, Dubai, Poland, India, South Africa, Australia and the USA. Dresssta's Precision Machines The company's success is based on manufacturing a variety of machines that undergo rigorous testing to meet specific high standards while offering excellent technical support and competitively priced equipment. Dresssta specializes in crawl dozers, pipelayers, belt shifters and crawler loaders. The Cummins engines supply power to the Dresssta dozers and meet EU emissions requirements. To minimize overheating issues, a Direct Drive powertrain is available for humid working environments. The efficient heating and air conditioning systems in the cabins keep the operators comfortable and safe while working in intense environments. Cabs offer further safety by being sealed to allow operators to work in a quieter environment which increases safety and productivity. The hydraulics have been implemented to allow the operator to maintain control with precise joystick engineering to facilitate precise and predictable clamp positioning during radial and parallel operations. Equipment Customization The Dresssta line has customizable features with a particular engineering team to create efficient designs, modifications and attachment performance for a variety of applications. There are many special feature packages offered for different models. Arctic Package The Arctic Package is a Special Feature Request that completely enables any Dresssta machine to maintain optimum performance during challenging climate situations. Some of the main components of the Arctic Package include: • Cab Heating • Engine Pre-Heating System • Oil Heaters • Arctic Cabs • Fuel Heating • Steering Levers equipped for heavier gloves • Extra lights for blizzard applications • Reinforced blades, ripper shanks and push arms for dozers Application Customization Stockpile The stockpile compaction feature package has been created for Dresssta's crawler dozer series to manage job situations that include sloped locations that are often unstable. The Dresssta SFR equipment features a heavy-duty steel drum complete with a winch line attachment and brackets connected to the drum. The line is prevented from touching the slope face thanks to the tensioning system. A precision line guide and cleaning system are in place. Fire Tractor Dozers The Dresssta fire tractor dozers are an excellent defense in forest fire work in terms of prevention, containment and cleaning up forest fires. These fire dozers are commonly employed in difficult work environments such as working with falling trees, dirt, airborne sand and heavy ash. Firefighting crews use these machines for removing combustible debris, clearing fire lines and making paths. There is fire suppression available made with an onboard control unit, nozzles and external sensors. The machine and operator are protected by a complete forestry cab kit complete with steel mesh screens, guards, metallic fire curtains and sweeps to prevent damage from falling trees. The electrical components inside the tractor are protected by fire-resistant sheeting, while heavy-duty guards protect hoses and hydraulic cylinders. Fire plows, bush blades and winches are some of the other pieces of equipment used to combat

fires. Overheating is prevented by the direct-drive powertrain and cooling modules charge the radiator, powertrain and air. Belt Shifting Mining applications rely on conveyor belts to move minerals and debris from the seam to a variety of reprocessing locations. The Dresssta model SB-85 is useful for realigning and repositioning conveyor belts. This model can be used to shift railway tracks with a belt width up to 2500mm or is equally useful in confined spaces. Its high ground clearance keeps it mobile along difficult terrain. Dozer Line Tough environments are no match for Dresssta's efficient and reliable dozer lineup. From steel production to power generation, coal handling applications and 24/7 operations, these machines have specific coal blades, shock-absorbing undercarriages and excellent stability for uneven job sites. Downtime is considerably reduced and productivity greatly increased thanks to customizable blade and ripper options, track shoes, precision steering and phenomenal traction. There is a turbine type precleaner apparatus that prolongs filter efficiency by removing coal dust from the air, contributing to greater engine lifespan and economy. Tested to successfully operate for more than 4000 coal hours applications in a year, it is easy to see why Dresssta continues to be a global leader. Construction & Material Handling Construction sites require quality equipment for safety, productivity and meeting timelines. There is the ideal Dresssta machine available to complete your loading, ripping, lifting, construction and dozing jobs. Forestry Forestry applications include SFRs for specific modifications to meet the demands of this challenging environment. Popular SFRs include:

- Winches
- Cyclonic Air Filtration
- Protective Guarding
- Fire Suppression System
- Auxiliary Hydraulics
- High-Capacity Fuel Tanks
- Reversible Cooling Fan

This variety of specialty forestry attachments make many jobs much easier, safer and more productive. There are many different Dresssta machines available for a variety of applications from pushing logs to loading and transport and cutting and towing jobs. Foundry Maintaining operator safety while working in intensely hot conditions is vital. Special Feature Requests for this lineup include:

- Special air-cleaning system to filter debris and dust prior to reaching operator cab
- Double-glazing hinge windshield to maintain safety when working with hot slag and similar items

Dresssta Wheel Loader Feature Benefits There are a variety of Dresssta Wheel Loaders benefits for helping the machine handle extreme temperatures and environments including mounted wheel chains, reinforced cabs with ROPS, insulated hoses for extra heat protection, chopper and Padfoot wheel configurations, reinforced attachments and buckets capable of handling hot items, Z-bar linkage and self-cleaning track shoes to stop the undercarriage from clogging. Landscaping The landscaping wheel loaders and compact crawler dozers can push, lift, transport and dig sod and plants with simplicity. Two-speed steering monitors front and back track power to provide maximum maneuverability. Popular attachments include:

- Drills
- Hammers
- Multipurpose buckets (with or without teeth)
- Backhoe attachments

Reinforced Blades & More Mining & Quarry Working within harsh tropical heat or sub-zero locations is simplified with efficient and reliable Dresssta machines. Numerous open-pit mining jobs such as building and maintaining roads, ripping materials, removing overburden, stockpile management and much more can be completed with the Dresssta line. There are a variety of Dresssta dozers and wheel loader features to complete quarry resources and extraction including lubrication, telematics and pay-scale systems, high tip buckets, automatic greasing and blog or slab forks. Pipe Laying Pipe laying applications are completed easily and efficiently with secure stability and low ground pressure. There are hydraulically retracted and extended counterweights available to maintain smooth operations. There are steel booms with strongbox section design to provide extra support along with steel hooks made from the highest strength to ensure utmost safety. Ship Trimming Dresssta dozers simplify ship trimming operations as they are lowered into the ship to square the hatch off and trim the bulk in order for wharf grabs to enjoy maximum productivity. There are specialty two-way blades that are capable of simultaneously pulling and pushing items making these machines ideal for agricultural, grain and fertilizer jobs. Ship trimming Special Feature Request (SFR) items include a reversible fan, fire suppression, a spark arrest muffler, special craning and lifting points, self-cleaning track shoes and a cyclonic air cleaner. There are ring sprockets that have been designed to allow even wear and tear over track bushings. This design allows for simple replacement without having to take the track frames apart in order to access. A patented seal assembly with the Lubricated Track System stops bushing and pin wear. The dozer's split master link dramatically lessons chain installation and removal time. Tire Manipulator The tire manipulator simplifies tire handling within the wheel loader models. The tire manipulator greatly enhances all aspects of tire changing, installation and manipulation on heavy equipment. Maintain an efficient operation with precise control and superior design. Potential frame stress is dissipated with the widely spaced lower and upper hinge pins that greatly increase the equipment's safety and value.