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## **DRESSTA TD-20M LA BULLDOZER TAILORED TO HANDLE DIFFERENT TYPES OF WASTES**

**January 22-23, 2015** – All DRESSTA branded machines are produced in the Liugong Dressta Machinery Co. Ltd., factory located in Poland. Crawler dozers are mostly used in landfills to prepare the site, build access roads and then spread and compact refuse. They rip ground cover and compact it over the refuse. They operate under all weather conditions and are suitable for all methods of waste disposal.

DRESSTA TD-20M LA Extra landfill crawler dozer featuring an excellent waste compaction capability optional large blades w/ trash rack and multi-shank ripper. It is driven by reliable Cummins engine that meets EU Stage IIIA emission regulations and develops 179 kW (240 HP) flywheel horsepower.

The landfill machine is equipped with turbine type precleaners. The cleaner spins the air entering to the engine intake system and use centrifugal force to eliminate contaminants from the air, thus prolonging the life of the normal filters, improving fuel economy and extending engine life.

The cooling module consists of a charge air cooler (CAC), engine coolant radiator, powertrain oil cooler and hydraulic oil fan drive cooler. The aluminum design of the cooling module aids durability, allows higher heat transfer and has superior corrosion resistance. Cooling module louvered doors are hinged and equipped with quick disconnect latches and pins instead of mounted bolts. This solution allows fast and easy access to cleaning the cooling module as well enhancing the radiator cooling ability. Perforated hood and engine side doors provide better ventilation of the engine compartment and better overall cooling of the engine. Angle iron deflector bars are welded below the engine side sheets to protect them against damage and protect engine access doors against any penetrating rods and other stiff metal pieces.

The standard TD-20M LA bulldozer is equipped with a hydraulically driven fan and a self-cleaning of the cooling module is effectuated by reversing the fan rotation and airflow. Two modes of operation are available: automatic or manual. The reverse airflow enables cleaning of the cooling module and improves cooling when the ambient temperature is lower than inside. At low ambient temperatures, the hydraulic drive reduces the fan speed, resulting in reduced power, lower fuel consumption and a decreased noise level.

The operator's cab in our landfill machine is specially designed to provide the utmost safety and operating comfort as well as to contribute to increased productivity. The 6-sided spacious cab is sound suppressed and protected with 2-post ROPS. The cab is isolation mounted to provide a comfortable operating environment for the operator. An air-suspension seat with a safety belt offers full adjustment and provides substantial reduction of vibrations. The large cab windows and sloped hood provide an excellent view of the mounted equipment and an all-

around viewing area. Harsh operating conditions in landfill areas require additional protection, therefore, the cab can optionally be equipped with screens of the windows and cab lights to protect against damage.

Ergonomically designed joysticks for motion and mounted equipment control are easy and comfortable to operate and offer excellent precision. The operator may use the preset forward and backward travel speed selection for increased performance. The automatic downshift function reduces the gear, if an increased load is detected, for better productivity.

The sealed operator's cab is equipped with an A/C and air recirculation system. The recirculated air inside the cab is filtered with the internal filter, located behind the operator's seat. The outside air is filtered with the external filter, installed below the rear cab window. Cleaned air passes through the A/C and is cooled or heated as required. Overpressure inside the cab prevents outside airborne contaminants from entering.

Semi-U or Full-U blades, equipped with a trash rack, thanks to their large capacities (14.1 & 17.15 cu. m.), are the most common blades used on landfill crawler dozers. The trash rack has a steel plate in the center to prevent rods, wires, etc. from entering into the radiator area. Working with the heavy Full-U trash rack blade, in the case of the TD-20M LA, requires the use of an additional counterweight, which will ensure the appropriate balance of the machine. In addition, Dressta offers the TD-20M LGP LA landfill dozer with the Low Ground Pressure undercarriage and 864 mm wide track shoes. This model is equipped with a straight blade with a trash rack (13.0 cu. m. capacity).

Dressta landfill dozers are equipped with track shoes with center clean-out holes cut in a circular shape. The holes reduce the packing of materials between the sprocket and the track chain bushings which cause accelerated wear of the track components.

Extensive guarding helps protect the critical machine components, especially the undercarriage, from being damaged by debris in harsh waste handling environments. Minimizing build-up helps prevent component damage. Track roller guards are necessary to keep refuse, brush, etc. out of the rollers and track chain. Sprockets are protected with sprocket rock guards to prevent landfill material from entering between sprocket teeth and track chain bushings. Final drives are to be equipped with bolted final drive seal guards. Striker bars prevent debris from riding up the track and damaging the fenders. Front striker bars, depending upon the tractor size can be either bar type (STD) or bridge type (LT, LGP). Rear striker bars can be attached to either a ripper frame, if the tractor is so equipped, or to a landfill counterweight box. The standard bolted guard protects the fuel tank and the hydraulic reservoir against damage caused by wires, penetrating rods, sharp materials or other stiff metal pieces which are often found in landfills.

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Dressta machines are known for their legendary power, performance, and productivity. Customer satisfaction has always been a top priority. Through a well-established worldwide distribution network, Dressta provides its customers not only with legendary machines but also with world-class customer care.

The Dressta parts network includes four main parts distribution centers: in Poland, Russia, Singapore and the U.S.A. Dressta has a streamlined, efficient and responsive technical service organization structure that reacts expediently and professionally to technical and product support issues from our customers and distributors.

Headquartered in Stalowa Wola, Poland, Dressta is the sales, marketing and aftersales & service division of LiuGong Dressta Machinery Sp. z o.o., Stalowa Wola, Poland.

**To learn more about Dressta, visit: [www.dressta.com.pl](http://www.dressta.com.pl)**