



DrumBlaster™ Specifications & Features

Structural Platform and Components:

- 1) Custom fabricated structural steel & sheet metal base finished/galvanized with a protective zinc coating which prevents corrosion and wear.
- 2) The DrumBlaster™ telescopic mast and adjustable boom facilitates the cleaning of multiple mixer drum configurations.
- 3) Platform frame provides ground level cabinet for easy access and protection of major system components, (electric motor, water pump, hydraulics etc.,)
- 4) DrumBlaster™ footprint approximately 1.192 W x 2.029 L x 3.033 H in lower position and 3.650 H in total up position. Boom length approximately 8.300 meters.
- 5) DrumBlaster™ weight approximately 1500 kg.

Equipment & Operations:

- 1) 25 HP (18.5kW) 415 volt, 32 amp, three phase, 50 Hz electric motor
- 2) Vector AC Inverter (VFD).
- 3) Automation components - Encoder for Boom in/out, Encoder for tower up/down, inclinometer for tilt function.
- 4) 140 lpm, centrifugal water pump operating at a maximum 300 psi.
- 5) Custom hydraulic manifold assembly.
- 6) Stainless steel rotating nozzle assembly designed for cleaning both front and back of mixer truck blades
- 7) Water proof enclosed operator terminal featuring controls for up/down, forward/reverse, tilt angle adjustment, water on/off and emergency shut off.
- 8) (OPTIONAL) DrumBlaster™ web based Fleet Management System to enable management of the cleaning process on a daily basis including, truck identification, time of day and actual cleaning time. Includes driver FOB and FOB Reader mounted on the system control panel.
 - a. Note: Cost of the Fleet Management System (FMS) £450.00 + VAT

Safety Features:

- 1) System control panel with local emergency stop button and operational controls.
- 2) **DRUM DOES NOT ROTATE WHILST CLEANING IS IN PROGRESS**
- 3) **CLEANS BOTH SIDES OF HOPPER AND A-FRAME**
- 4) Operator platform features polycarbonate shield, checker plate surrounding and metal roof for operator protection.
- 5) Stair assembly complete with hand rails.
- 6) Ground level cabinet for easy access and protection of major system components,
- 7) Operator Safety & Maintenance Manual
- 8) Driver/operator training

Training:

Initial training for drivers one day to be discussed due to location. Please ensure that the power and water requirements are set up and ready for the install/Commissioning/training for the DrumBlaster technician as extra costs maybe incurred if delayed.

It is recommended that a key site operator or yardman be familiar with the operation of the machine and maintenance manual to ensure the machine is running efficiently. He can then undertake further training should drivers be shifted from site to site. Training documentation can be obtained from your sales contact.

Warranty:

DrumBlaster™ warrants all goods are conveyed with good title and are delivered free of any liens or encumbrance unknown to DrumBlaster™

DrumBlaster™ warrants its equipment against defects in material under normal use and service, and which shall not have been subject to misuse, negligence or accident, for a period of 12 (twelve) months from startup date.

DrumBlaster™ shall not be liable for consequential, punitive, or liquidated damages or injuries of any kind, or for expenses, losses or delays incidental to any failure.

Any warranty obligation of DrumBlaster™ is voided in the event that BUYER either misuses the goods or fails to properly maintain and service them.

Warranty covers parts delivered to site. Labor not included.

Site Requirements:

- Water Volume – Minimum 140 lpm
- Header Tank – 1000lts minimum gravity feed
- Water Hose Diameter – 2 “ (from header tank to system water pump).
- **Water Quality** - the DrumBlaster™ is able to use fresh or recycled plant water with particles less than 1 mm (1 mm = 1000 microns or 18 Mesh)
- Power – 415v 32 amp 3 phase
- Pad suitable to support unit weight of approx. 1700kg.
- Left angled bump stop to be supplied by DrumBlaster™

Note: *The less contamination in the water, the longer life pump parts will have. DrumBlaster suggests that you use the last stage of your water settling process if you are using recycled water. We recommend the installation of a suitable filtration system where there is a risk of larger particles being present in recycled water.*

If you have any questions, please contact me on 07503216305 or by e-mail, andy@adctrucks.co.uk