

## Equipment Specification sheet

<b>Unit Number</b>	<b>STM08</b>
<b>Model</b>	<b>Mercedes ACTROS 6x6 Off Road Cab Chassis 33T GVM -15.5T Carrying Capacity</b>
<b>Year of Manufacture</b>	<b>2010</b>
<b>Current Service Hour Meter Reading</b>	<b>13599 (New Engine Fitted 2019 at 10345 hr)</b>
<b>Current Odometer</b>	<b>159,752km</b>
<b>Description</b>	<b>Aggregate stemming truck. (Refer to spec sheets below)</b>
<b>Support and services available</b>	<b>Operations manual Parts list Hydraulic Schematic 4PS Mobile App &amp; Tablet</b>
<b>Purchase Pricing</b>	<b>?k + GST</b>



## STM MODEL STEMMING TRUCK

SPECIFICATION	
<b>Cab Chassis</b>	Mercedes 3341A
<b>Type</b>	6x6 Off Road
<b>Body</b>	STM
<b>GVM – Carrying Capacity</b>	33T GVM 15.5T Carrying Capacity
<b>SMU Hours</b>	15680 (New Engine Fitted 2019)
<b>Odometer</b>	159,752km
<b>Payload &amp; Safety Controls</b>	<p>Actual hopper volume is as follows:</p> <p>10m<sup>3</sup> Stemming Material (Water Line) 12m<sup>3</sup> Stemming Material (Heaped 20 deg Approx.) 1,000L Water Hydraulic Oil Diesel Fuel</p>
<b>Dust Suppression</b>	<p>Fitted as Standard</p> <p>Efficiency of our system reduces ambient respirable dust concentrations of a minimum 87%. Target 100%.</p> <p>StemSafe trucks are fitted standard with dust suppression utilising a water spraying system to suppress dust arising from the conveyor &amp; transfer points.</p> <p>This is a patented system not available from anyone else.</p>
<b>Delivery System</b>	<p>Reclaim Conveyor Transfer Conveyor Delivery Conveyor</p> <ul style="list-style-type: none"> <li>- Slewable Conveyor 5m</li> <li>- Slewable 0 to 210 Deg</li> <li>- Elevation -10 Deg to +30 Deg. Approx.</li> </ul>

	<ul style="list-style-type: none"> <li>- Slewable Chute</li> <li>- Slewable 0 – 110 Deg</li> <li>- Reach 0 – 1.2m</li> </ul> <p>- Fully automatic and calibrated with accuracy to +/- 0.01 linear metres in hole. Approx. Max Discharge rate. 51 M3 P/Hr.</p>
<p><b>Operation</b></p>	<p>In Cabin Multifunction Control Monitor (GUI)</p> <p>The control system provides the following functionality:</p> <ul style="list-style-type: none"> <li>• Product gate raise and lowering</li> <li>• Transfer conveyor activation/de-activation for testing</li> <li>• Reclaim conveyor activation/de-activation for testing</li> <li>• Discharge conveyor activation/de-activation for testing</li> <li>• Wash down mode for activating the water pump for cleaning the machine</li> <li>• Discharge conveyor slew left/right and luff up/down</li> <li>• Configurable water pump settings for auto mode dispense</li> <li>• Configurable hole depth and diameter</li> <li>• Automatic dispensing and shutoff when hole depth/diameter (volume)</li> <li>• Hopper vibrator</li> </ul> <p><b>Configuration of:</b></p> <ul style="list-style-type: none"> <li>• Test tube diameter</li> <li>• Dispense rate with gate fully open</li> <li>• Dispense rate with gate half open</li> <li>• Vibrator run time duration</li> <li>• Start-up alarm run time duration</li> <li>• Auto mode selection – timed</li> <li>• Re-claim conveyor speed</li> </ul> <p><b>Production data recording of:</b></p> <ul style="list-style-type: none"> <li>• Volume dispensed</li> </ul> <p>Lifetime data recording of:</p> <ul style="list-style-type: none"> <li>• Total aggregate dispensed</li> </ul>
<p><b>Additional Fire Equipment</b></p>	<p>1 x 9kg extinguisher near fuel point 1 x 2.5kg extinguisher in Cabin</p>
<p><b>Additional Safety Equipment</b></p>	<p>Emergency Stops x 5 Battery Isolators Starter Isolator</p>

	UHF Radio

**The details and information supplied within this Specifications Document are strictly confidential and may not be passed onto any third party without written approval from STEMSAFE.**

