

Specifications

Karoo Batch Plant

Output Capacity	30m <sup>3</sup>
Hopper	<ul style="list-style-type: none"><li>* Mounted on two solid state beam type electronic load cells with digital indicator and five segment scoreboard.</li><li>* Weighing range = 0 to 15000kg.</li><li>* Division increments of 5kg on indicator.</li><li>* Effective dry volume = 8m<sup>3</sup></li><li>* Rear mounted cement bag splitter</li><li>* Manual discharge doors.</li></ul>

Optional Extras	Extension sides to increas by volume to 11m <sup>3</sup>
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Conveyor	<ul style="list-style-type: none"><li>* Pulley centres = 12.4m</li><li>* Belt width = 750mm</li><li>* Toughing idlers = 127mm Ø x 290 at 25°.</li><li>* Belt speed = 1.8 meter per second</li><li>* Capacity = 320 ton per hour</li><li>* Full length weather cover</li><li>* Conveyor joint is fully vulcanized</li><li>Simple "take up" tension adjustmen system.</li></ul>
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Conveyor drive	<ul style="list-style-type: none"><li>* 7,5kw 380v electric motor four pol D.O.L</li><li>* Close coupled heavy shaft mounted reduction box with revers stop.</li></ul>
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Optional Extras	<ul style="list-style-type: none"><li>* HATZ Z790 diesel engine driven.</li><li>* FENNER F13:1 reduction box with three belt pully drive.</li><li>* Centrifugal clutch.</li></ul>
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Water meter	<ul style="list-style-type: none"><li>* 50mm Connection</li><li>* Electronic control with digital display.</li><li>* 50mm ball valve</li><li>* Range = 0 to 1000L</li></ul>
Optional Extras	<ul style="list-style-type: none"><li>* Mechanical batch water meter with zero lever: Range = 0 to 1000l</li></ul>

Axle	<ul style="list-style-type: none"><li>* Track width 2260mm.</li><li>* Tyres = 11.00R x 20</li><li>* Load capacity = 6500kg.</li></ul>
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Electrical installation	<ul style="list-style-type: none"><li>* Electrical control box with main isolator &amp; overload protection.</li><li>* Emergency stop button</li><li>* Conveyor start / stop button.</li></ul>
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Special features	<ul style="list-style-type: none"><li>* Specially designed water ring for efficient mixing time.</li><li>* Non-bridging &amp; free flow of material from hopper.</li><li>* Towing hitch safety chain.</li><li>* Low maintenance.</li></ul>
General	<ul style="list-style-type: none"><li>* Additional options available.<ol style="list-style-type: none"><li>1. 3000 "Piggy Back" Cement Weighing Hopper.</li><li>2. Cement Screw Conveyors with "A" frame support legs.</li><li>3. 220v Electric Water Pump self priming mounted on base frame includes suction hose &amp; non return valve.</li><li>4. Air operated Hopper &amp; Cement discharge.</li><li>5. Fully automated electronic control system to your specific requirements.</li></ol></li></ul>

Overall dimenstions	<ul style="list-style-type: none"><li>* In travelling position.<table><tr><td>o</td><td>Total length = 14100mm</td></tr><tr><td>o</td><td>Track width = 2260mm</td></tr><tr><td>o</td><td>Total width = 2300mm</td></tr><tr><td>o</td><td>Total height = 4050mm</td></tr></table></li><li>* In operating position.<table><tr><td>o</td><td>Hopper height = 3300mm</td></tr><tr><td>o</td><td>Height under discharge = 3700mm</td></tr><tr><td>o</td><td>Total width = 2300mm</td></tr><tr><td></td><td>Total height = 4600mm</td></tr><tr><td></td><td>Total length = 14000mm</td></tr></table></li></ul>	o	Total length = 14100mm	o	Track width = 2260mm	o	Total width = 2300mm	o	Total height = 4050mm	o	Hopper height = 3300mm	o	Height under discharge = 3700mm	o	Total width = 2300mm		Total height = 4600mm		Total length = 14000mm
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