

## Specification

### IN TRANSIT

Length of Machine	-	63' - 11" (19.487m)
Width of Machine	-	9' - 10" (3.0m)
Height of Machine	-	13' - 5" (4.0962m)

### WHEN ERECTED

Length of Machine	-	70' - 11" (21.621m)
Width of Machine	-	9' - 10" (3.0m)
Height of Machine	-	44' - 4" (13.51m)

Weight of Machine total:	78,892 lbs (35,860 Kgs)
Weight on Rear Tri-Axles:	54,780 lbs (24,900 Kgs)
Weight on Front Pin:	24,112 lbs (10,960 Kgs)



Powered by a Caterpillar Olympian GEH175

Innovation Productivity Pioneering Quality

## RAPIDMIX 400 C

Innovation Productivity Pioneering Quality



INDUSTRIAL EQUIPMENT INCORPORATED  
Concrete, Aggregate, and Material Handling Equipment  
*Concrete Solutions with Rock Solid Results*

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## RAPIDMIX 400 C

Rapid International Ltd. is a long established company manufacturing products for the concrete, construction and environmental industries.

The RAPIDMIX 400 C is a continuous mixing plant which has been designed to be totally mobile and completely self-contained with its own power source.



### INCREASED PROFITS AND PRODUCTIVITY

- The Rapidmix 400 C mixes up to 400 tons per hour depending on application
- Feed rates are fully adjustable for the aggregate, cement and water systems

### EASILY TRANSPORTED FROM JOB TO JOB

- The hydraulic system changes the plant from travel mode to fully operational within 2-3 hours

### MINIMAL SET-UP REQUIRED

- The Rapidmix 400 C is mobile, completely self-contained with its own power source



### SUITABLE FOR MANY DIFFERENT PROJECTS

- Mixing roller compacted concrete
- Environmental soil contamination applications
- Soil stabilisation
- Mine back fill
- Bentinite land fill sealing
- Road Sub base
- Dam construction and many other applications...



Continuous pugmill mixer

## Innovation Productivity Pioneering Quality



### CONTINUOUS PUGMILL MIXER

- Mixing tools rotate on twin synchronised horizontal shafts causing a progressive motion of material mix and constant agitation
- Strategically placed spray bars provide consistent material hydration
- All mixing tools are manufactured using "chill cast" hard wearing steel
- Mixing chamber is lined with high wear resistant rubber lining
- Top and sides of the pugmill mixer can be opened to provide full maintenance access
- A conveyor is used as the mixer floor, thus allowing easy cleanout

### CONTROL PANEL

- Incorporating the most up-to-date technology
- Control panel allows the operator to store, edit and retrieve up to 30 recipes for the proportioning of different materials
- Displays the speed of the in feeds during manual operation
- Displays the current production during manual/automatic operation



### VERTICAL CEMENT SILO

- Capable of storing 55 US tons (50 tonnes)  
(Capacity based on material being 1500 kg/m<sup>3</sup> (93.64 lbs/ft<sup>3</sup>))
- A slide shut off plate is supplied to isolate the silo outlet for maintenance to the variable speed rotary valve
- A unique fold-up ladder is incorporated in the Silo design, complete with safety hoops



### OUTLOADING CONVEYOR

- Length - 11.4m (37ft) and width of 800mm
- Mixed material can be held in hopper to eliminate segregation of mixed material and enable trucks to move in and out when in continuous mode
- Includes polyurethane blade pre-cleaner mounted on the face of the head drum



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