

# M 390



## FEATURES

- High capacity mobile washing unit that has been engineered for quick installation and ease of relocation making it ideal for applications including sand, gravel, coal and crushed stone.
- Includes a feed hopper complete with reject grid, feed conveyor, washing screen and fully enclosed power unit.
- Twin break and suspended axels
- Hydraulic jacking legs, king pin towing facility and site drawbar

## FEATURES AND BENEFITS

- Deutz air-cooled engine (71hp/53kW)
- 1 x T 150 / T 200 and 2 x T 5032 stockpiler drive facility (NOT Standard on Elect/Hyd Machines)
- 1050mm wide variable speed belt feeder (no deflector doors fitted)
- 8.0m hopper (10.5cu. yards) -14'
- 100mm remote control hydraulic tipping reject grid 4.25m (14') complete with grouser bars
- 3.7m x 1.5m (12' x 5') double deck washing screen (12' x 5' on both decks)
- Washbox complete with 5 adjustable water jets at main conveyor discharge
- Total 17 washing spray bars fitted to both decks
- Screen box reject chutes lined with replaceable steel liners
- Sand water collection hopper (single product) complete with 6m standard open troughing
- 1m (3'3") wide main belt
- Polyurethane teardrop profile belt scraper fitted at drive drum
- Skirting on main conveyor & steel water supply pipe up one side
- Twin braked and suspended axles
- Hydraulic jacking legs, King pin towing facility & site drawbar
- Guards designed to comply with Machinery Directive
- Rated @ 2 bar pressure at spray nozzles
- 2 deck machine can be transported Ro-Ro. 3 deck machine requires the screenbox to be transported separately

## SPECIFICATIONS

<b>SCREENSIZE</b>	12'x5' (3.7m x 1.5m) Top & Bottom Deck Screenbox
<b>NET ENGINE POWER</b>	53kW @ 2300rpm (71hp)
<b>OPERATING WEIGHT</b>	18000kgs* (39700lbs*) *With tipping grid
<b>TRANSPORT WIDTH</b>	2.5m (8'2")
<b>TRANSPORT LENGTH</b>	12.9m (42'4")
<b>TRANSPORT HEIGHT</b>	4.35m (14'3")
<b>WORKING WIDTH</b>	2.50m (8'2")
<b>WORKING LENGTH</b>	20.37m (66'10")
<b>WORKING HEIGHT</b>	6.25m (20'6")

## APPLICATIONS

- Sand and gravel
- Coal
- Crushed materials
- Slag
- Recycled materials
- All forms of concrete, mortar and asphalt sand
- Iron ore
- Lake and beach sand
- Silica glass



## OPTIONS

- Electric/hydraulic drive - (37kW) (No coupling facility) (not including electric control panel)
- Electric/hydraulic drive - (37kW + 18.5kW) complete with 1 x T 150 / T 200, 2 x TC 5032 stockpiler drive facility (not including electric control panel)
- Deutz Water Cooled Engine (100hp/75kW) complete with x T 150 / T 200 and 4 x stockpiler drive facility
- No grid but hopper deadplate fitted
- 4" double deck vibrating grid complete with abrasion resistant plate on wear surface of T bars top deck and mesh in bottom deck and Deutz water cooled engine (100hp/75kW)
- 20mm thick rubber lining of standard stone chute (price per deck)
- 6mm thick rubber lined sand box (single product)
- Side tensioned rubber mats top deck of screen
- End tensioned rubber mats bottom deck of screen
- End tensioned rubber mats middle deck of screen (3 deck only)
- Hydraulic tensioning (bottom deck screen mesh)
- 3-deck screen box (3.66m x 1.52m - 12' x 5') complete with spray bars & chutes (may be separate load)
- Catwalk on 1 x side of std conveyor and 2 x side of screen box with 1 set of access steps and 1 access ladder
- Catwalk 2 sides of std conveyor & 2 sides of screenbox with 2 sets of access steps
- 3.2m extension on main conveyor
- Dust covers on main belt
- Light board
- Hydraulic jacking legs at screen box end
- Twin product sand box (unlined/lined)
- Fresh water 6" in line strainer "Y" type
- Top Deck Polymodule Frame complete with Polymodules (Price dependent on aperture)
- Middle Deck Polymodule Frame complete with Polymodules (3-Deck Only) (Price dependent on aperture)
- Bottom Deck Polymodule Frame complete with Polymodules (Price dependent on aperture)



## SCREEN BOX

Adjustable screen angle

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Eighteen spray bars in total

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Top deck spray bars – 4 bars complete with 6 nozzles, 4 bars complete with 5 nozzles, both fitted with 100/80 spray nozzles – 44 off (total)

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Bottom deck spray bars – 5 bars complete with 8 nozzles, 3 bars complete with 7 nozzles, both fitted with 100/80 spray nozzles – 75 off (total)

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2 bearing high performance screenbox 3.7m x 1.5m (12' x 5') top deck (side tensioned mesh) 3 off

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3.7m x 1.5m (12' x 5') bottom deck (end tensioned)

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Access catwalks on both sides and top end of screen

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## FEEDER/HOPPER

8.0m<sup>3</sup> hopper (10.5cu yards) 14'

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1.5m (3'4") wide belt variable speed

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## MAIN CONVEYOR

1m (3'3") wide belt.

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Washbox with 5 adjustable water jets

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Hydraulically adjustable conveyor angle

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## STANDARD POWER UNIT

Deutz air cooled engine

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71hp/53kW

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Vandal proof guards

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## TIPPING GRID

Remote tipping

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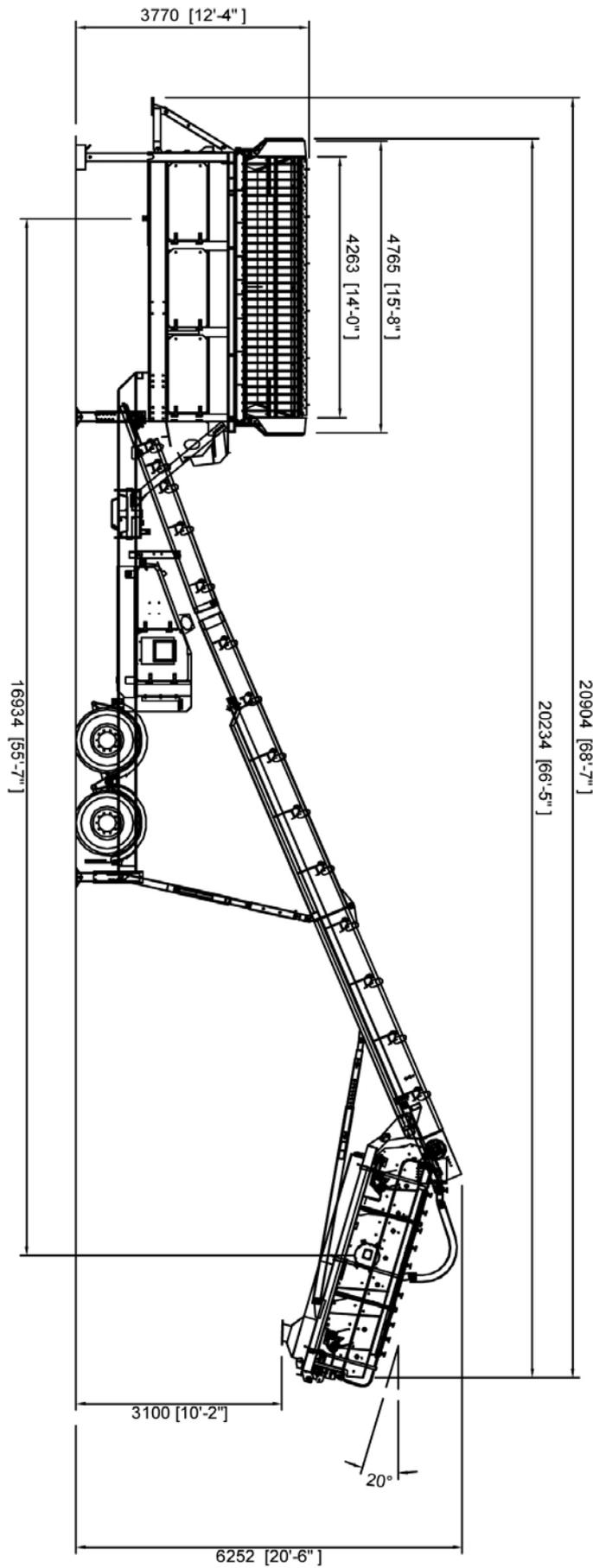
100mm (4") aperture

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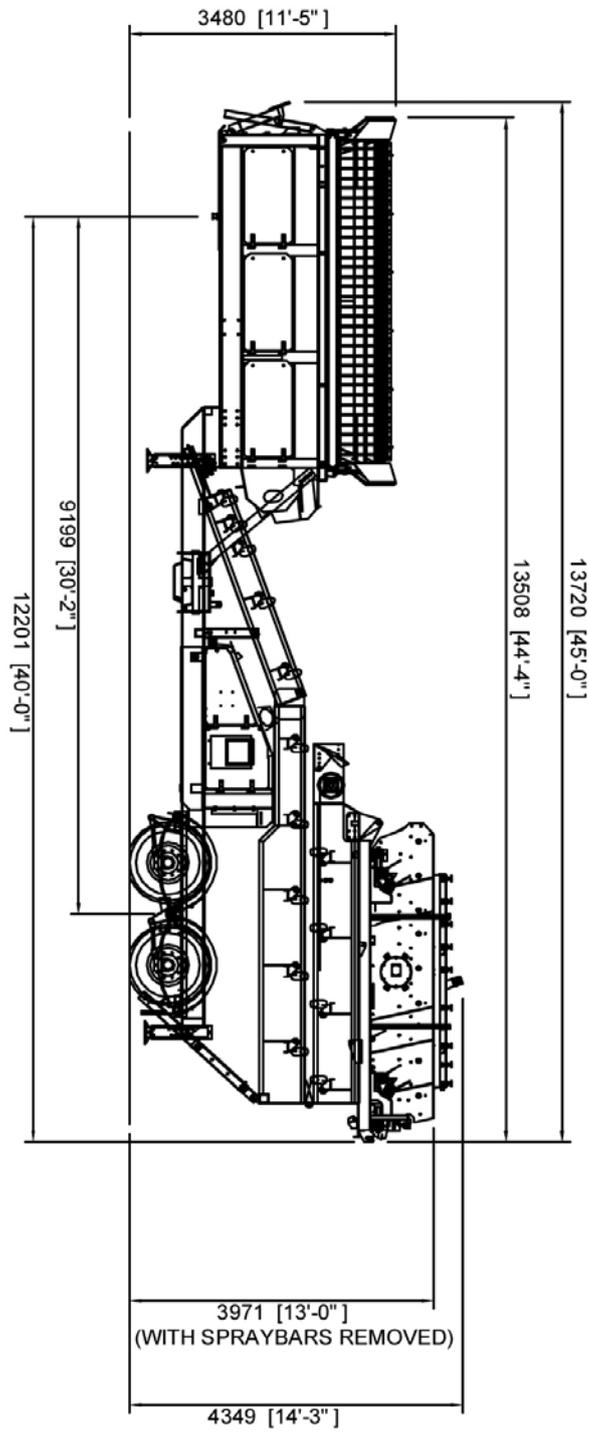


# DIMENSIONS

## M 390 WORKING DIMENSIONS



# M 390 TRANSPORT DIMENSIONS



MACHINE WIDTH

## TEREX WASHING SYSTEMS CONTACT DETAILS

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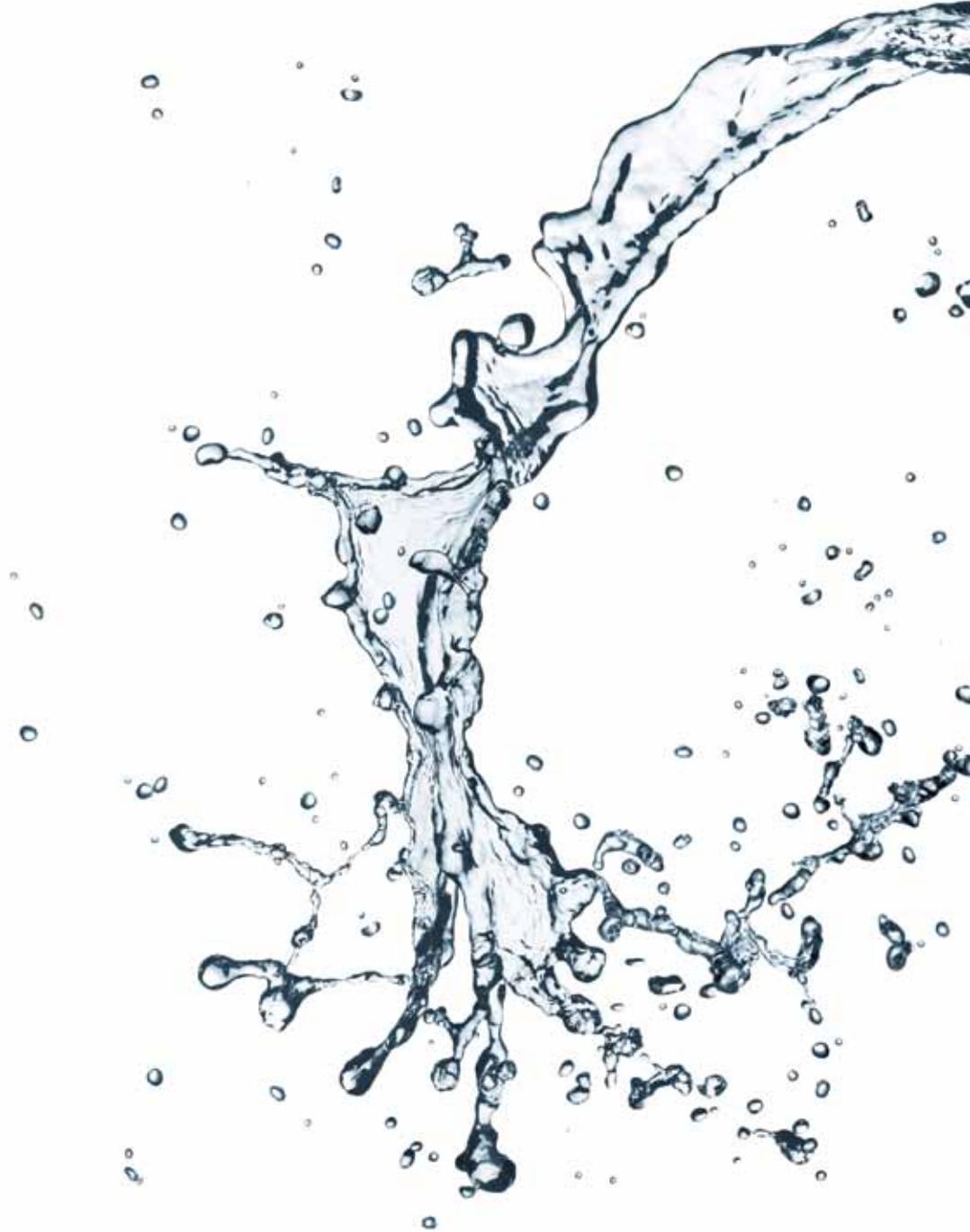
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