

M 084



FEATURES

- Excellent entry level mobile washing unit that is highly robust yet compact and easily manoeuvrable
- Includes a feet hopper complete with reject grid, feed conveyor, washing screen and fully enclosed power unit
- The straightforward proven design ensures low maintenance, low running costs and trouble free operation

FEATURES AND BENEFITS

- 2 deck 8'x 4' (2.4m x 1.2m) side tensioned screen
- Feed hopper with reject grid
- Feed conveyor
- Washing screen
- Fully enclosed power unit
- 5 spray bars per deck
- Variable speed control belt feeder
- 100mm (4") water feed pipe
- Hydraulic coupling circuit
- Maximum mobility with fifth wheel, jacking legs, road wheels, brakes
- Manual tipping grid complete with bofar steel bars
- Wash box with 5 nozzle spray bar and wear plate
- Feed conveyor belt scraper
- Transported in 1 40" (12m) container

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

SPECIFICATIONS

MODEL OPTION	2 & 3 DECK
WORKING LENGTH	19.9m (63'2")
WORKING WIDTH	2.3m (7'10")
WORKING HEIGHT	5.5m (18'4")
GRID AREA	1.6m x 3.0m (5' 3" x 10')
APPROX. WEIGHT	8,900kg (9,81lbs)
HOPPER CAPACITY	5.3m (6.95")
HYDRAULIC SYSTEM CAPACITY	182 litres (40 gals)
DIESEL TANK CAPACITY	73 litres (16 gals)
ENGINE SIZE	37kW (50hp)

OPTIONS

- Remote control tipping grid
- Adjustable hopper door
- 3 deck rinser
- Hopper extension 300mm (12") / 500mm (20")
- Anti roll back
- Steel skirting plates
- Electric hydraulic
- Hydraulic oil cooler
- Hydraulic screen angle adjustment
- Screen walkway and access ladder
- 3rd deck (side tensioned screenbox)
- 25mm Aluback rubber lining in washbox
- Sealed pipes with bonded rubber lining
- Rubber lined discharge lips
- Polyurethane modular decks
- Catchbox
- FAD type braking axle/GLD type braking axle with handbrake



HOPPER & GRID

ADJUSTABLE ANGLE TIPPING GRID WITH INTEGRAL LOADING, WING PLATES AND SELF CLEANING GRID BARS.

GRID OPENING 1.6m x 3.0m (5' 3" x 10')

GRID APERTURE 102mm (4")

THE HOPPER MAY BE FITTED WITH A MANUALLY TIPPED REJECT GRID WHICH IS NORMALLY SET AT 100MM (4") APERTURE.



FEED CONVEYOR

CONVEYOR BELT 2 ply x 650mm (25.5") wide

DRUMS OUTSIDE DIAMETER 273mm (10.75")

DRUM CENTRES 2.8m (9.3")

MAX FEEDER CONVEYOR BELT SPEED 20m/min (65' 6") empty

DRUM SPEED VARIATION 0-24rpm



MAIN CONVEYOR

650MM (26") WIDE CONVEYOR WITH 30° ROLLER TO PREVENT SPILLAGE

CONVEYOR BELT 2 ply x 650mm (25.5") wide

DRUMS OUTSIDE DIAMETER 273mm (10.75")

DRUM CENTRES 12m (40')

DRUM SPEED Empty - 125rpm
Full - 115rpm

CONVEYOR BELT SPEED Empty - 107m/min (351ft/min)
Full - 100m/min (328 ft/min)



STANDARD POWERUNIT & HYDRAULICS

STANDARD DIESEL ENGINE Developing 41kW (55hp) at 2200rpm

HYDRAULIC TANK 182 litres (40 gals)

DIESEL TANK 73 litres (16 gals)



ROAD TRANSPORT

Wheels 7.50 x 16 x 16 ply

Lateral protection - optional extra

Lights - optional extra

Hydraulic jacking legs to decrease set-up time

5th wheel kingpin



8X4 RINSER SCREENUNIT

8' x 4' (2.4 x 1.2m) double deck, 4 bearing, free floating screen box

8' x 4' (2.4 x 1.2m) triple deck, 4 bearing, free floating screen box (Optional)

Side tension mesh

5 top deck & 5 bottom deck spray bars

Wash box complete with spray bar

100mm (4") water feed pipe

Part rinser

Working angle 18° and 24°



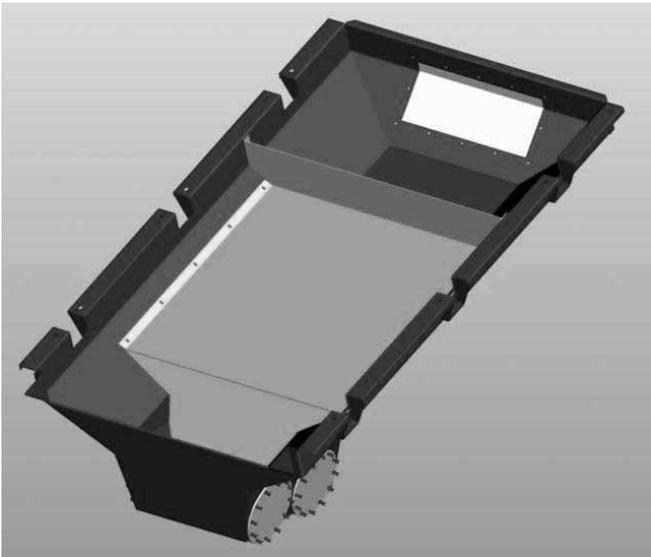
CATCH BOX

One grade or two grades of sand can be produced.

Fixed division plate

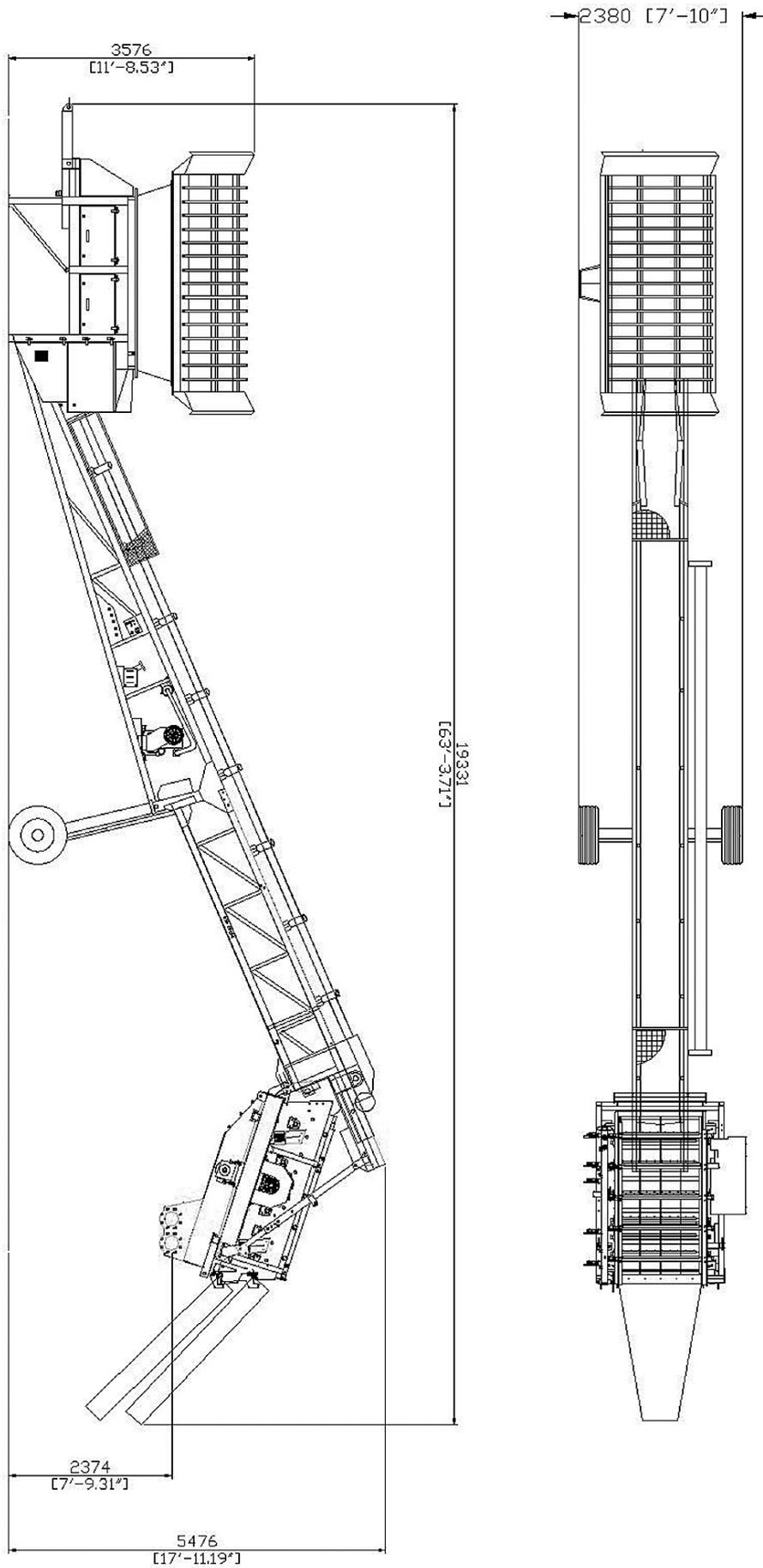
2 x 200mm (8") outlets

Single or double grade catch box with option rubber lining

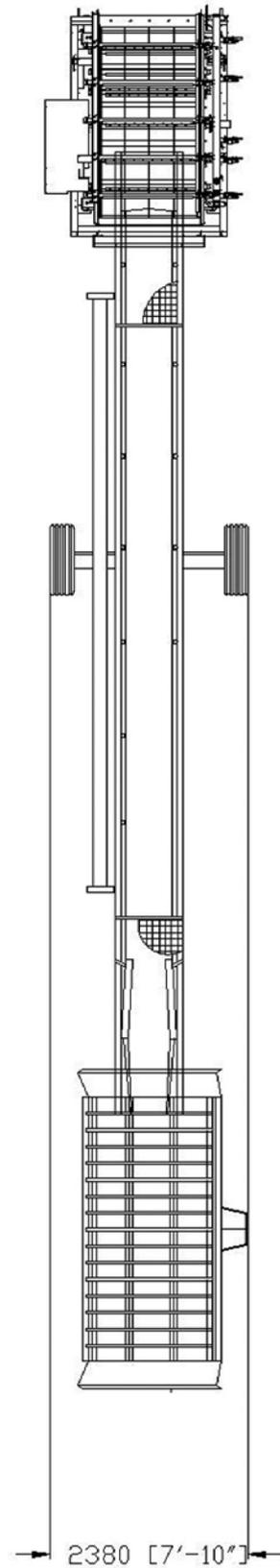
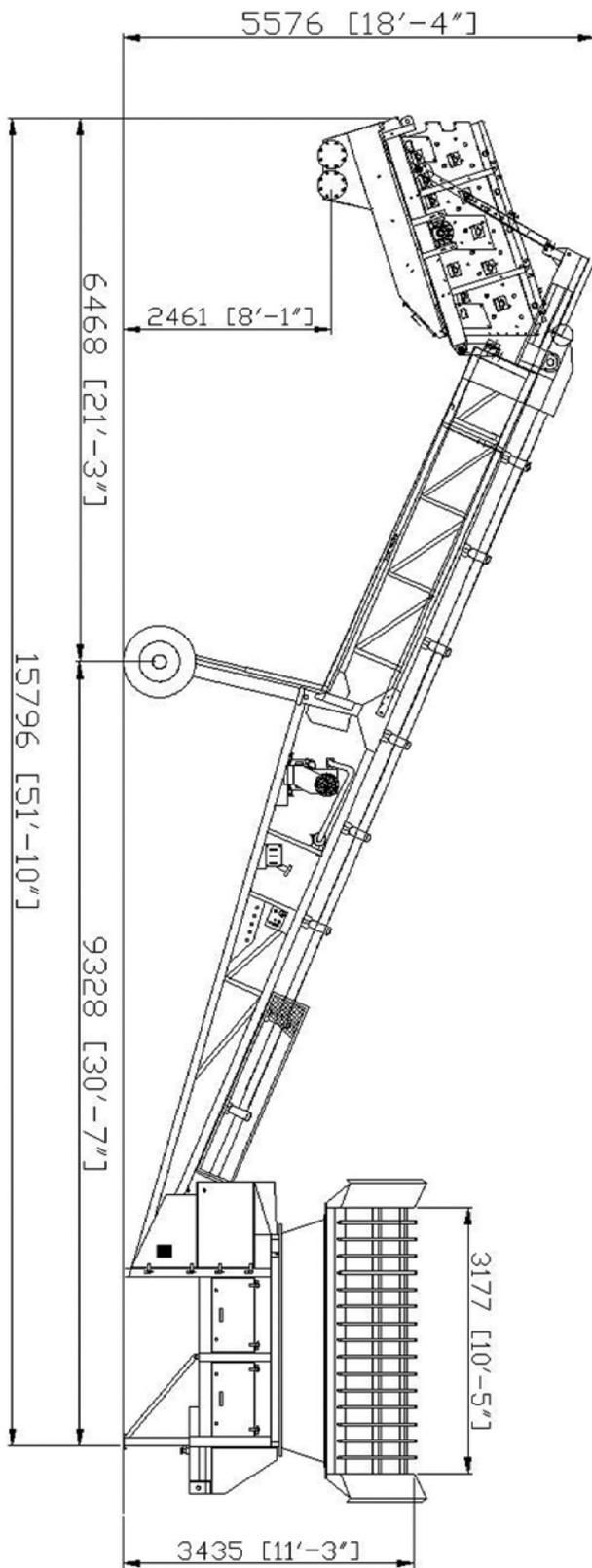


DIMENSIONS

2 DECK WORKING DIMENSIONS



3 DECK WORKING DIMENSIONS



TEREX WASHING SYSTEMS CONTACT DETAILS

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