



PRODUCT RANGE

WASHING SYSTEMS



WORKS FOR YOU.™

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Welcome

Terex Washing Systems offer an extensive product portfolio to work in many applications supporting customers in the washing minerals industry.

Terex Washing Systems offer the complete support package for your mineral washing needs. Supported by a global dealer network, dedicated engineering, sales and application teams. Terex Washing Systems products have excellent reliability, are easy to transport, operate and provide fast onsite installation.

Customer Support & Maintenance

CUSTOMER SUPPORT

We work with our customers to understand their equipment needs to select the product most suited to their business requirements. Terex Washing System's customer support incorporates a range of services including, parts, technical support, warranty and financial services.

PARTS

We stock a full range of genuine Terex Washing Systems parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time to our customers. Using genuine Terex Washing Systems parts gives optimum performance and reliability for your washing equipment.

TECHNICAL SUPPORT

Terex Washing Systems provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure that our customers are supported throughout the life cycle of their machine. From the initial commissioning of the products, our regular maintenance reviews and on-going operational support.

WARRANTY

Terex Washing Systems warrants its new equipment to be free of defects in material or manufacture for a specified period, from the date the equipment is first used. Model specific warranty details are available from Terex Washing Systems or your local dealer.

TEREX FINANCIAL SERVICES

Terex Financial Services can help meet your equipment needs by managing your financial requirements through a variety of customised financing solutions. For more information please contact:

North America

Jeff Storner
Email: jeff.storner@terex.com
Tel: +1 502 736 5235

Europe/Rest of World

Neil Carmichael
Email: neil.carmichael@terex.com
Tel: +44 127 650 5649

To find out more about the Terex Washing product range and our customers support visit our website at www.terexwashing.com



Water Treatment & Management

Offering a complete tailored solution for water treatment and management, Terex Washing Systems provides a complete range of filter presses, flocculent dosing systems and thickening tanks. The flocc dosing systems are fully automated to control and adjust the flocculent according to the amount of suspended solids contained in the water. This automation is essential for the efficient control of the system when the specification of the sludge changes during the day in terms of rates of solid particulates.

The filter press takes this treated sludge and dehydrates it, recovering up to 90% of the water, into dry panels of pressed sludge which can be easily handled, moved and disposed of. The filter presses use high pressure technology to ensure optimum performance and only the highest quality components are used. Again, the system is fully automated through a dedicated Programmable Logic Control System (PLCs).

CONTROL & AUTOMATION

For some material washplants, simplicity is key and in these cases we provide basic 'relay-logic' control panels to control and protect the main components such as motors, pumps and valves. However when more advanced plants are required, Terex Washing Systems offers fully automated solutions using PLCs and Human Machine Interfaces (HMIs). All software and hardware is developed in-house by our electrical systems team using strict design, develop and test procedures to ensure systems are developed in line with all relevant safety standards and exceed customers' expectations in terms of ease of use and performance.

Fully integrated radio control and remote telemetry systems are also available to further simplify and enhance the operation of the plant and provide the customer with real-time data such as operational status, active alarms and tonnage per hour

LABORATORY TESTING

Terex Washing Systems offer full in-house sample analysis and testing of proposed products. This process allows us to specify the correct screening media apertures to ensure the customer achieves the desired product size. Sieve analysis is extensively used as a powerful quality control and acceptance tool. The gradation data is used to calculate relationships between various aggregates or aggregate blends, to predict trends during production and to check compliance with such blends.

We also test for many other factors including correct specification of flocculent type, oil / water separation etc. For further details or to discuss requirements please contact your Terex Washing Systems representative

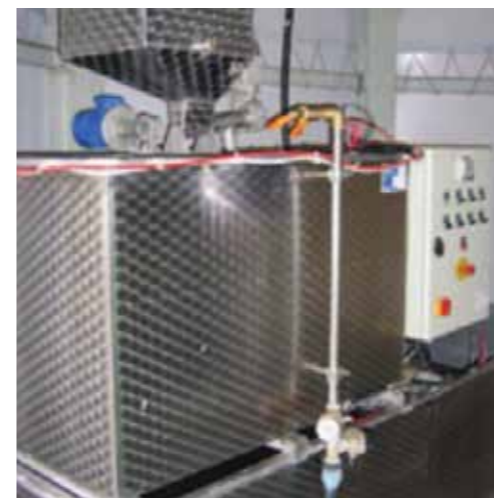
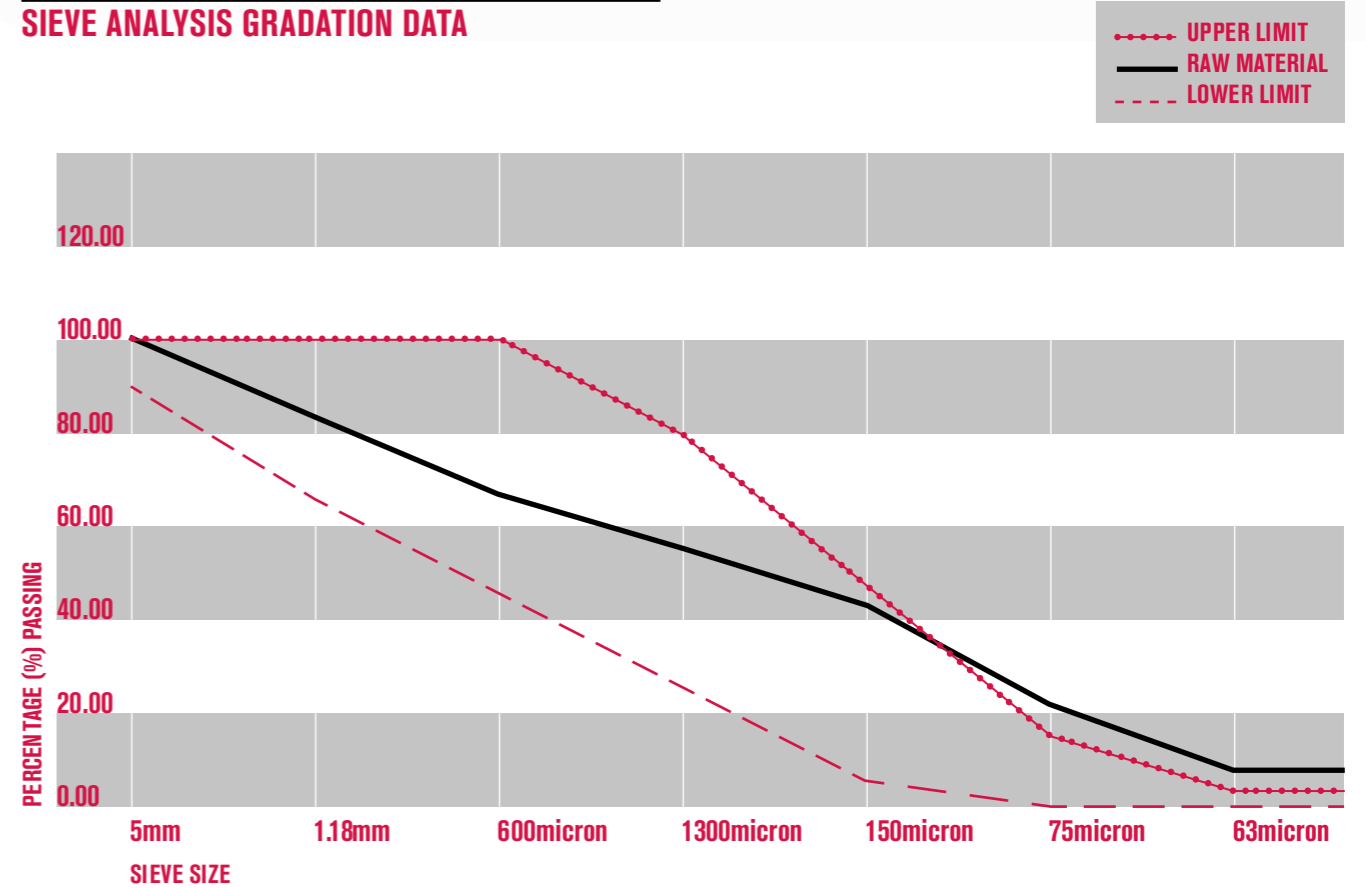
TRAINING & SUPPORT

Terex Washing Systems offers fully tailored and bespoke training packages for both dealers and customers alike. This training covers all aspects of our machinery, including basic operational data, correct sizing of screens, pumps, cyclones and full sales and application training

From left to right:
Automated flocculent dosing unit
Sieve Sample Analyser
Central control panel for typical large wash spread



SIEVE ANALYSIS GRADATION DATA



M 084 Rinser

The M 084 Rinser is an excellent entry level mobile screening unit that is highly robust yet compact and easily manoeuvrable.

The M 084 Rinser includes a feed 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.

OPTIONS

- Manual or radio control tipping bofor steel bars
- Hopper extension 300mm (12") / 500mm (20")
- Adjustable hopper door
- Anti roll back
- Steel skirting plates
- Drip tray and spraybar
- 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
- Screening version

FEATURES & BENEFITS

- 2 deck 8'x 4' (1.2m x 2.4m) 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

M 084

| | |
|---|----------------------|
| Output Potential: up to 150 tph (165 US tph)* | |
| WEIGHT (EST) | 6,820kgs (15,000lbs) |
| TRANSPORT WIDTH | 2.5m (8'3") |
| TRANSPORT LENGTH | 16.6m (54'6") |
| TRANSPORT HEIGHT | 4m (13'2") |
| WORKING WIDTH | 2.5m (8'3") |
| WORKING LENGTH | 16.75m (55'3") |
| WORKING HEIGHT | 5.94m (19'7") |



M 390 Rinser

The M 390 Rinser is a 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. The M 390 Rinser includes a feed hopper complete with reject grid, feed conveyor, washing screen and fully enclosed power unit.

FEATURES & BENEFITS

- Quick set up time – typically under 30 minutes
- Feed hopper with reject grid
- Remote control tipping grid
- Hydraulic screen angle adjustment
- Variable speed belt feeder
- 17 spray bars in total between 2 decks
- Twin braked and suspended axles
- Fully enclosed power unit
- Polyurethane teardrop profile belt scraper fitted at drive drum

OPTIONS

- 2 deck vibrating grid with abrasion resistant plate on wear surface
- Vibrating grid discharge chute
- Crusher feed chute
- 3 deck 3.7m x 1.5m (12' x 5') end tension middle and bottom deck
- Sealed pipes complete with bonded rubber lining
- Rubber lined discharge lip
- Polyurethane modular decks 12' x 5' catchbox

M 390

Output Potential: up to 200 tph (220 US tph)*

WEIGHT (EST) 17,500kgs (38,500lbs)

TRANSPORT WIDTH 2.5m (8'2")

TRANSPORT LENGTH 12.9m (42'4")

TRANSPORT HEIGHT 4.35m (14'3")

WORKING WIDTH 2.50m (8' 2")

WORKING LENGTH 20.37m (66'10")

WORKING HEIGHT 6.25m (20' 6")



M 1700 Rinser

The M 1700 Rinser is a mid-sized track mobile washing screen complete with on board side conveyors for 3 or 4 way splitting of material in applications such as coal, crushed stone, recycled materials, iron ore, sand and gravel.

The M 1700 Rinser can work independently or as part of an entire wash plant, making it one of the most flexible machines on the market.

FEATURES & BENEFITS

- Quick set-up – time typically under 30 minutes
- Capable of producing up to 4 end products
- Angle adjustable tipping grid with radio control
- Integrated high capacity variable speed belt feeder
- Grease filled 2 bearing rinser box
- Rinser screenbox complete with 6 spray bars per deck
- Hydraulic screen angle adjustment
- Hydraulic screen tensioning
- Screen walkway and access ladder
- Patented fully mounted hydraulic folding auxiliary stockpile conveyor (3 deck)
- On board hydraulically folding conveyors with excellent stockpiling capacity
- Engine protection shutdown system

OPTIONS

- 2 or 3 deck
- 12ft 2 deck vibrating grid
- Vibrating grid discharge chute
- Crusher feed chute
- Anti-roll back on main conveyor
- Extended re-circulation oversize auxiliary conveyor
- Dual power
- Quick release wedge screen tensioning system for top and middle deck
- Bonded rubber wearplate in washbox
- Sealed pipes with bonded rubber lining
- 14' x 5' single or twin grade catchboxes
- Rubber screens
- Wheel or track mobile

- Roll-in bogie prepared
- Roll-in bogie equipped
- Radio control tracks
- Prepared TUV chassis
- Auto lubrication system
- Screening version

M 1700 RINSER Output Potential: up to 250 tph (275 US tph)*

| | TRACK (2 DECK) | WHEEL (2 DECK) | TRACK (3 DECK) | WHEEL (3 DECK) |
|------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| WEIGHT (EST) | 27,000 kgs (59,525lbs) | 24,700kgs (54,340 lbs) | 29,400 kgs (64,815lbs) | 34,450 kgs (75,812lbs) |
| TRANSPORT WIDTH | 3m (9'9") | 3m (9'9") | 3m (9'9") | 3m (9'9") |
| TRANSPORT LENGTH | 16.6m (54'5") | 16.6m (54'5") | 16.32m (53'6") | 16.32 (53'6") |
| TRANSPORT HEIGHT | 3.33m (10'11") | 3.33m (10'11") | 3.42m (11'2") | 3.85m (12'8") |
| WORKING WIDTH | 17.23m (56'10") | 17.23m (56'10") | 17.45m (57'3") | 17.45m (57'3") |
| WORKING LENGTH | 17.3m (56'6") | 17.3 (56'6") | 16.61m (54'6") | 16.61m (54'6") |
| WORKING HEIGHT | 5.84m (19'2") | 5.84m (19'2") | 5.84m (19'2") | 5.84m (19'2") |



M 1400 Rinser

The M 1400 Rinser is a fully mobile washing screen designed for small to medium sized operators and contractors for 3 way splitting of material. Ideally suited to applications including coal, crushed stone, recycled materials, iron ore, sand and gravel, it can work independently or as part of an entire wash plant, making it one of the most flexible machines on the market.

FEATURES & BENEFITS

- Radio controlled tipping grid
- Integrated high capacity variable speed belt feeder
- Grease filled patented 4 bearing, 2 deck rinser box
- 5 spray bars per deck
- Split bottom deck to produce 1 or 2 grades of sand
- Slurry catchbox
- Hydraulic screen angle adjustment
- Hydraulic screen tensioning as standard
- Screen walkway and access ladder
- Hydraulic folding conveyors
- Engine protection shutdown system

M 1400 RINSER Output potential: up to 200 tph (220 us tph)*

| | TRACK | WHEEL |
|------------------|----------------------------|----------------------------|
| WEIGHT (EST) | 27,600 kgs (60,840 lbs) | 24,170 kgs (52,280 lbs) |
| TRANSPORT WIDTH | 2.75M (9') | 2.75M (9') |
| TRANSPORT LENGTH | 14.45M (47'4") | 16.2M (53'2") |
| TRANSPORT HEIGHT | 3.2M (10'6") | 3.9M (12'8") |
| WORKING WIDTH | 16.21M (53'2") | 16.21M (53'2") |
| WORKING LENGTH | 16.2M (53'2") | 17.33M (56'10") |
| WORKING HEIGHT | 5.07M (16'6") | 5.3M (17'5") |

OPTIONS

- Crusher feed chute
- Anti-roll back on main conveyor
- Vibrating grid
- Vibrating grid discharge chute
- Dual power
- Quick release wedge screen tensioning system
- 25mm Aluback wearplate in washbox
- Sealed pipes with bonded rubber lining
- 11'x 5' single or twin grade catchbox
- Wheel or track mobile
- Roll-in bogie prepared
- Roll-in bogie equipped
- ABS braking axle with leaf spring suspension and handbrake
- Radio controlled tracks
- Prepared TUV chassis
- Auto lubrication system
- Screening version

M 2100X Rinser

The M 2100X Rinser is designed for medium to large scale operators who require large volumes of high specification products. With on board side conveyors, the M 2100X Rinser can produce up to 4 end products in applications including coal, iron ore, crushed stone, recycled materials, sand and gravel. Additional features include class leading stockpile discharge heights and hydraulic screen angle adjustment.

FEATURES & BENEFITS

- Maximum mobility with heavy duty, low ground pressure crawler tracks
- Quick set-up time – typically under 30 minutes
- Angle adjustable tipping grid with radio control
- Integrated high capacity variable speed belt feeder
- Oil bath lubricated 2 bearing rinser screenbox (3 deck only)
- Rinser screen box with 8 top and middle and 7 bottom deck spray bars
- Hydraulic screen tensioning
- Screen walkway and access ladder
- Hydraulic folding conveyors
- Engine protection shutdown system

M 2100X RINSER Output potential: up to 200 tph (220 us tph)*

| | TRACK (2 DECK) | TRACK (3 DECK) |
|------------------|--------------------------|--------------------------|
| WEIGHT (EST) | 37,700kgs (76,500lbs) | 37,200kgs (82,012lbs) |
| TRANSPORT WIDTH | 3m (9'10") | 3m (9'10") |
| TRANSPORT LENGTH | 18m (59'1") | 18m (59'1") |
| TRANSPORT HEIGHT | 3.32m (10'11") | 3.45m (11'4") |
| WORKING WIDTH | 18.25m (59'10") | 18.25 (59'10") |
| WORKING LENGTH | 19.25m (63'1") | 18.63m (61'1") |
| WORKING HEIGHT | 6.67m (21'11") | 6.67m (21') |

OPTIONS

- 12ft 2 deck vibrating grid
- Extended re-circulation oversize auxiliary conveyor
- Dual power
- Quick release wedge screen tensioning
- Bonded rubber wearplate in washbox
- Sealed pipes with bonded rubber lining
- 18' x 5' single or twin grade catchbox
- Rubber screens
- Roll-in bogie prepared
- Roll-in bogie equipped
- Radio control tracks
- Prepared TUV chassis
- Auto lubrication system
- Screening version

Aggwash 60-1

The Aggwash 60-1 is a new mobile wash plant that brings together for the first time rinsing, screening, scrubbing and sand washing capabilities on a single transportable chassis.

Primarily designed for the processing of construction and demolition waste but equally suited to virgin material applications. The Aggwash 60-1 is capable of producing four grades of aggregate and a single grade of sand at up to 60 tonnes per hour.

FEATURES & BENEFITS

- Rinsing, screening, scrubbing and sand processing on a single transportable chassis
- Produces 4 grades of aggregate and 1 grade of sand
- Removal of trash and ferrous metals
- Electrically powered and delivered pre-wired
- Heavy duty robust construction, ideal for rugged operating environments
- Quick set-up time (approximately 1 day)
- Remote greasing to all bearings
- Environmentally friendly with zero exhaust emissions
- Modular polyurethane screen decks
- Spray bars with wide jet nozzles
- Spray bars isolated from screen
- Feed height 5.0m (16' 4")
- High performance vibratory motors
- Rubber lined pump and cyclone
- Low water usage
- Adjustable logwasher hull angle and weirs

OPTIONS

- Oversize protection deck
- High degree isolation mounts
- Telescopic conveyors for increased stockpile height
- Inline screw filter
- Twin sand

AGGWASH 60-1

| | |
|---|-------------------------|
| Output Potential: up to 60 tph (66 US tph)* | |
| WEIGHT (EST) | 28,600 kgs (63,100 lbs) |
| WORKING WIDTH | 2.7m (8'8") |
| WORKING LENGTH | 16.2m (53'3") |
| WORKING HEIGHT | 3.63m (11'4") |



FM Bucket Wheel

60BW / 120BW / 120BW-M / 200BW

The FM Bucket Wheel range of sand classification systems are highly efficient dewatering units.

The unit removes silts, slimes and clays from sand to produce up to 2 saleable products in applications including concrete, mortar and asphalt sands, quarry dust/crushed fines, lake and beach sands, silica sand, golf course sands, filter bed sands, recycled materials and iron ore.

The range combines a bucket tank, dewatering bucket wheel, a centrifugal slurry pump, hydrocyclone(s), a collection tank and a dewatering screen on a single chassis.

FEATURES & BENEFITS

- Bucket wheel performs 80–90% of the work reducing wear on pumps and cyclones whilst increasing operating efficiency
- Maximum recovery of all material above 75 µm (200 mesh)
- Removes clays, silts and slimes below 75 µm (200 mesh)
- Removes water to 10–15% of residual water content
- Major reduction in saleable material discharging to the pond
- Low maintenance
- Underflow rubber lined slurry pump
- Bucket wheel(s) with variable speed control

- Weir discharge system to stop fines entering the cyclone collection tank
- Self regulating cyclone tank
- Rubber lined hydrocyclone(s)
- High frequency dewatering screens with polyurethane modular mats
- Collapsible bucket wheel tank for ease of transport (mobile only)
- Walkway and access ladders
- Heavy duty robust construction ideal for rugged operating environments

OPTIONS

- Boiler box for dry feed
- Electrical control panel
- Dewatering screen spray bars
- Galvanised structure

FM BUCKET WHEEL RANGE Output Potential: up to 200 tph (220 US tph)*

| | 60BW | 120BW | 120BW-M | 200BW |
|------------------------------|----------------------|-----------------------|-----------------------|-----------------------|
| WEIGHT (EST) | 8,000kgs (17,000lbs) | 15,000kgs (33,000lbs) | 15,000kgs (33,000lbs) | 17,000kgs (37,400lbs) |
| WORKING WIDTH | 4.2m (14'1") | 3.7m (12'2") | 2.8m (9') | 3.8m (12'5") |
| WORKING LENGTH | 6.9m (22'6") | 7.8m (22'6") | 9.14m (29'11") | 8.1m (26.7") |
| WORKING HEIGHT | 5.5m (18') | 5.5m (18') | 4.93m (16'2") | 6.32m (20'9") |
| FEED HEIGHT | 2.3m (7'5") | 2.3m (7'5") | 2.3m (7'5") | 3.1m (10'2") |
| PRODUCT DISCHARGE | 1.26m (4'2") | 1.26m (4'2") | 1.26m (4'2") | 1.69m (5'5") |
| WASTE WATER DISCHARGE HEIGHT | 1.5m (5') | 0.8m (2'9") | 1.2m (4') | 1.15m (3'10") |



FM Compact

20C / 60C / 120SG / 120TG / 200C

The FM Compact range are static sand recovery units designed to be both cost and energy efficient.

The range uses centrifugal force within the cyclone(s) to remove clays, silts and slimes from sand to bring it into specification.

The range combines a collection tank, centrifugal slurry pump(s), hydrocyclone(s) and a dewatering screen on a single chassis.



FEATURES & BENEFITS

- Maximum recovery of all material above 75 µm (200 mesh)
- Removes clays, silts and slimes below 75 µm (200 mesh)
- Removes water to 10–15% of residual water content
- Major reduction in saleable material discharging to the pond
- Broken down into single container for transport (except for 200X)
- Quick assembly time
- Low maintenance
- Underflow rubber lined slurry pump
- Self regulating cyclone tank
- Rubber lined hydrocyclone(s)
- High frequency dewatering screens with polyurethane modular mats
- Heavy duty robust construction ideal for rugged operating environments

OPTIONS

- Boiler box for dry feed
- Electrical control panel
- Dewatering screen spray bars
- Galvanised structure and tank

FM COMPACT RANGE Output Potential: up to 200 tph (220 US tph)*

| | 20C | 60C | 120SG | 120TG | 200C |
|------------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| WEIGHT (EST) | 4,500kgs (9,921lbs) | 5,500kgs (12,125lbs) | 11,000kgs (24,250lbs) | 15,000kgs (33,000lbs) | 14,000kgs (30,864lbs) |
| WORKING WIDTH | 2.2m (7'3") | 2.7m (8'10") | 3.15m (10'4") | 3.68m (12'1") | 4.24m (13'11") |
| WORKING LENGTH | 3.8m (12'6") | 5.55m (18'2") | 6.2m (20'4") | 7.58m (24'10") | 5.9m (19'4") |
| WORKING HEIGHT | 5.6m (18'5") | 5.8m (19') | 6.11m (20') | 6.57m (21'7") | 5.36m (17'6") |
| FEED HEIGHT | 1.27m (4'2") | 1.77m (5'6") | 1.9m (6'3") | 1.95m (6'5") | 2.1m (6'10") |
| PRODUCT DISCHARGE | 1.35m (4'5") | 1.3m (4'3") | 1.61m (5'3") | 1.91m (6'3") | 1.4m (4'7") |
| WASTE WATER DISCHARGE HEIGHT | 1.27m (4'2") | 2.4m (7'10") | 2.03m (6'8") | 4.11m (13'5") | 0.96m (3'1") |

FM 200 Superfines

The Terex Washing Systems FM 200 is a static fines recovery unit.

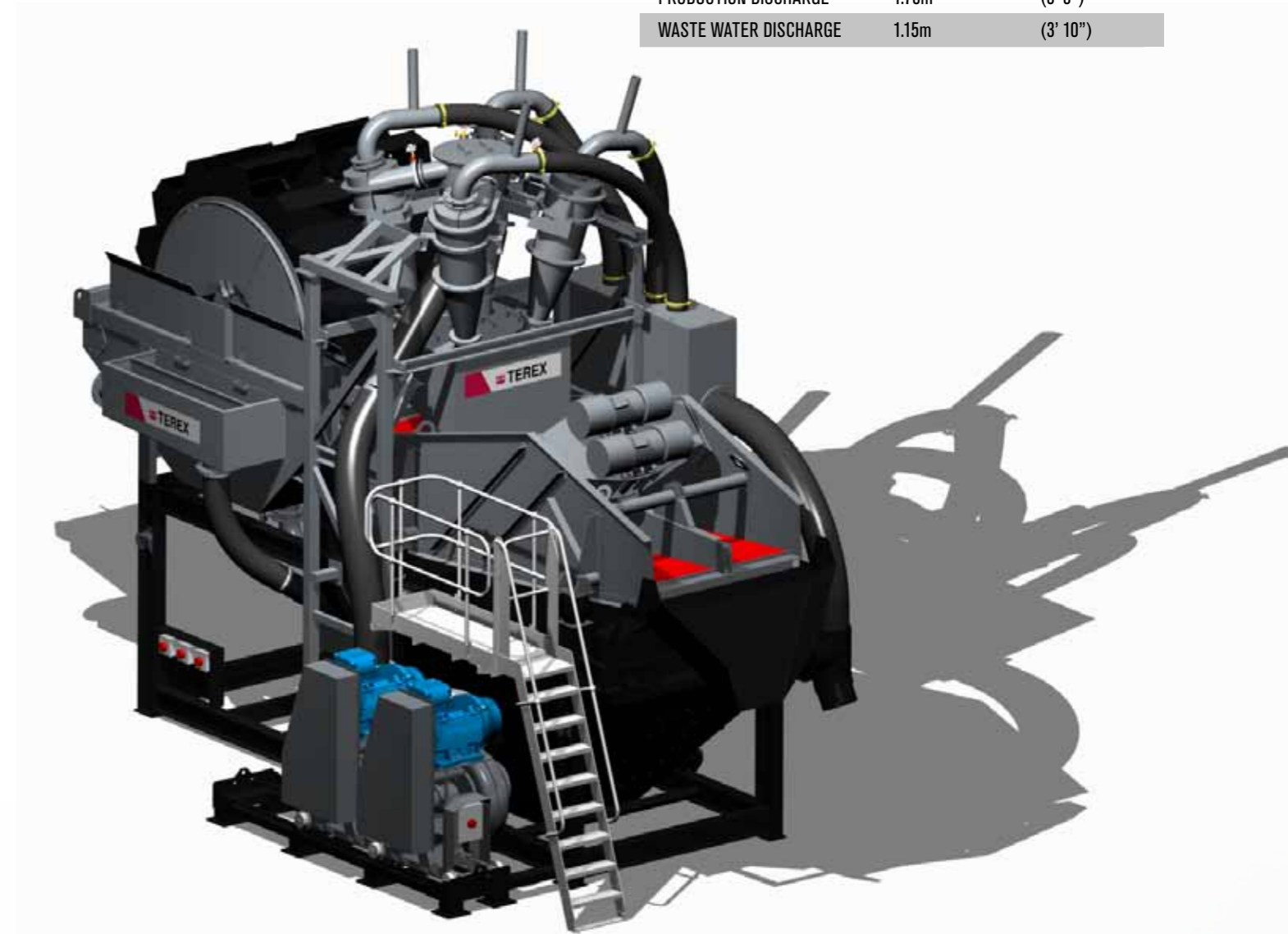
It brings together on one chassis, two centrifugal slurry pumps, (one as standby) four hydrocyclone, a collection tank and a 14x5 dewatering screen. It can produce one grade of sand classifying at approximately 40 micron and is designed to work in conjunction with the Terex Washing range.

FEATURES & BENEFITS

- Maximum recovery of material above 40 µm (400 mesh)
- Removes silt, slimes and clays below 40 µm (400 mesh)
- Removes water following dewatering operation to 10–15% of residual water content
- Major reduction in fine material discharging to the water management system, thus reducing recovery cycle and saving money
- Heavy-duty robust construction ideal for rugged operating environment
- Low maintenance
- All wear areas rubber lined
- Walkway and access ladder
- Quick assembly time
- Centrifugal Slurry Pump with two rubber lined slurry pumps one standby to minimise down time in the event of break down / maintenance
- High frequency 14x5 de-watering screen fitted with polyurethane modular mats
- Four rubber lined G4 Hydrocyclones which classifies at approximately 40 µm (400 mesh)
- Self-regulating cyclone tank complete with built in float system

FM 200 SUPERFINES

| | | |
|-----------------------|----------|-------------|
| WEIGHT | 18.500kg | (40.700lbs) |
| WORKING WIDTH | 4.00m | (13' 2") |
| WORKING LENGTH | 8.1m | (26' 7") |
| WORKING HEIGHT | 6.32m | (20' 9") |
| FEED HIGH | 3.1m | (10' 2") |
| PRODUCTION DISCHARGE | 1.70m | (5' 5") |
| WASTE WATER DISCHARGE | 1.15m | (3' 10") |



T Range

T 100 / T 150

The T Range are mobile screen recovery, twin bucket wheel designed units for the removal of clays, silts and slimes to produce up to 2 grades of sand.

The T Range is designed to operate with maximum versatility and can support different requirements such as maximum retention of fines or maximum disposal of fines.

The T Range can be driven hydraulically from the MKII, M Range or from its own optional electric power pack.

FEATURES & BENEFITS

- High capacity depending on material size and type
- Economical in operation
- Can produce either 1 or 2 grades of material
- Excellent fines recovery
- Specially designed inlet boxes which reduce turbulence at entry
- Weir discharge system
- Increased drainage time produces a drier product
- Can be hydraulically coupled to a mobile rinser unit
- Single and double grade chutes (plastic lined)
- Slurry intake boxes (rubber lined)
- High capacity variable speed twin bucketwheel
- Deep fluted fines recovery screw with variable speed
- Adjustable plate between bucket and settling tank for release or retention of fines

OPTIONS

- Boiler box for dry feed
- Input boxes with 8" or 10" (200mm or 250mm) inlets
- Static unit without towbar and wheels
- Electric hydraulic powerpack – 11kW (15HP)

T RANGE Output potential: up to 150 tph (165 US tph)*

| | T 100 | T 150 |
|----------------|-------------------------|-------------------------|
| WEIGHT (EST) | 5,000kgs (11,020lbs) | 7,480kgs (16,800lbs) |
| WORKING WIDTH | 3.67m (12') | 4.21m (13'10") |
| WORKING LENGTH | 4.77m (15'8") | 6.53m (21'5") |
| WORKING HEIGHT | 3.52m (11'6") | 3.56m (12'1") |



Screenbox Range

The Static Screenbox range is designed for maximum production efficiency in applications including sand and gravel, coal, crushed stone, slag, recycled materials, concrete, iron ore and silica glass.

The static structure carrying the screen unit is robust, easy to assemble and includes integrated material discharge chutes, walkways and access steps for access to view production and carry out maintenance. The range includes 2 and 3 deck screens ranging from 8' x 4' (2.4m x 1.2m) to 20' x 6' (6m x 1.8m).

FEATURES & BENEFITS

- Robust easy to assemble steel support structure
- Galvanised walkways and handrails for ease of access
- Rubber lined wear parts
- Rolling chute allows greater access to screen mesh when changing

STATIC SCREEN RANGE

| 2 DECK OPTIONS | 084R-2 | 125R-2125R-2 | 165R-2165R-2 | 206R-2 |
|----------------|-------------------------|--------------------------|--------------------------|--------------------------|
| WEIGHT (EST) | 5000kgs (11,023lbs) | 8,000kgs (17,636lbs) | 13,000kgs (28,660lbs) | 15,000kgs (33,069lbs) |
| WORKING WIDTH | 4m (13') | 4m (13') | 4m (13') | 4.7m (15'4") |
| WORKING LENGTH | 11.45m (37'7") | 11m (36'2") | 13.3m (43'9") | 15.52m (50'11") |
| WORKING HEIGHT | 6.28m (20'7") | 6.3m (20'8") | 6.64m (21'9") | 7.36m (24'2") |
| 3 DECK OPTIONS | 084R-3084R-3 | 125R-3 | 165R-3 | 203R-3 |
| WEIGHT (EST) | 6,300kgs (13,860lbs) | 10,500kgs (23,148lbs) | 14,500kgs (31,900lbs) | 17,000kgs (37,400lbs) |
| WORKING WIDTH | 4m (13') | 4m (13') | 4m (13') | 4.7m (15'4") |
| WORKING LENGTH | 10.5m (34'6") | 11.2m (36'9") | 13.3m (43'9") | 15.36m (50'4") |
| WORKING HEIGHT | 6.78m (22'2") | 6.36m (21') | 7.14m (23'4") | 7.82m (25'6") |

- High pressure plastic fan tail nozzles deliver clean end product
- Huck bolted
- High capacity (depending on mesh size and material type)
- Low maintenance
- Side tensioned screen box
- Manual screen angle adjustment (except 20' x 6')
- Electric drive

OPTIONS

- 3 Deck variant
- Dry, rinser and part rinser
- Level frame
- Modular polyurethane decks
- Aluback wear plate in wash box
- 250mm (10") sand slurry pipes
- Adjustable division plates
- Brass nozzles
- Height extensions to feed Powerscrub and Finesmaster ranges
- Rubber lined catch box for production of 1 or 2 sands

WT 50

The WT-50 has been designed, using the latest advancements in flocculent technology, to remove silt from waste water which is produced as a result of sand and aggregate washing. Normally the recovered waste solids paste is deposited to a seepage bay system where it will continue to dewater before being removed by a wheel loader after a 24-48 hour period. The clean recycled water passes out through the opposite end of the Siltmaster and is reused in the washing plant.

The WT 50 eliminates the need for settling ponds, expensive draglines, reduces water consumption and reduces the risk of environmental damage due to silt contamination. Available in two sizes, the WT 50 can be installed as part of a new washing plant system or it can be added at any time to compliment an existing plant.

WT 50 Water Treatment Range

Output Potential: up to 60 tph (66 US tph)*
WEIGHT (EST) 38,300 kgs (00000 lbs)

FEATURES & BENEFITS

- Electric hydraulic drive 7.5kw
- 4.57m (15') diameter bucket wheel (tandem buckets)
- 2.05m (6'9") diameter extended recovery spiral
- Independent variable speed control on both bucket wheel and spiral
- 54 nr 700mm (28") wide buckets c/w corrosion resistant bucket meshes
- (8 x 4mm slotted)
- Discharge chute
- Guards to M & Q specification
- Emergency stops (4 nr)
- Tank capacity 29,820 litres (6,560 UK gallons)
- 13.0 tonnes unladen weight
- spray bar over bucket wheel
- Rubber canopy on discharge side of wheel
- Feed water header tank
- Pre-reaction vessels c/w platform and ladders fitted to both sides of bucket wheel tank
- 1.5m (5ft) extension to tank for greater settling
- 300mm high support legs
- Self-contained electric/hydraulic power pack.
- Long fines recovery spiral with optional 1.5m extended spiral tank

PS-R Range

PS 120-R / PS 200R

The PS-R (Recycling) Range is specifically designed to wash construction and demolition waste, separating contaminants from saleable material. The range is designed with a trough and 2 axles with interlocking blades and paddles which intensively mix the feed material. Friction from this process breaks down contaminants and allows scrubbed material to be discharged for stockpiling. Water used in the process is recirculated to a water treatment facility.

FEATURES & BENEFITS

- Designed to work in recycling applications to separate contaminants from saleable material
- Versatility of design enables it to be adapted to gravel applications
- Rounded hull to reduce material build up in the trough
- Low water consumption
- Remote greasing to all bearings
- Heavy duty robust construction
- High tensile blades and paddles
- Lower bearings are freshwater flushed to prevent wear or damage
- Elevated spray bars wash the material and allow for discharge of smaller particles
- Built in agitation system allows for further small particle discharge
- Large inlet chute with bolt in wear plates
- Rubber lined catch boxes and outlet chutes
- 4 lifting points on the hull for carriage

OPTIONS

- Galvanised structure
- Steel support with walkway, galvanized handrails, flow forge and access steps (single side walkway)
- 8' x 4' (2.4m x 1.2m) linear vibration part aggregate screen with 5mm polyurethane modular deck (120R)
- 6' x 2' (1.8m x 0.6m) linear vibration dewatering trash screen with polyurethane modular decks 12' x 5'
- 6m x 1.5m) linear vibration part rinser screen with 5mm polyurethane modular deck (200R)
- Walkway around back of trash screen



PS-R RANGE Output potential: up to 200 tph (220 US tph)*

| | PS 120R | PS 200R |
|----------------|--------------------------|--------------------------|
| WEIGHT (EST) | 17,000kgs (37,478lbs) | 26,500kgs (58,500lbs) |
| WORKING WIDTH | 3.5m (11'6") | 3.35m (11') |
| WORKING LENGTH | 12.13m (39'9") | 13.11m (43'10") |
| WORKING HEIGHT | 5.39m (17'7") | 5.39m (17'6") |

PS Range

PS 120 / PS 200 / PS 120-M

The PS range takes washing one step further by providing high speed scrubbing of heavily contaminated material to produce cleaner material at a faster rate.

The PS range is designed with a trough and two axles with interlocking blades and paddles which intensively mix the material. Friction from this process breaks down feed contaminants and allows scrubbed material to be stockpiled.

FEATURES & BENEFITS

- High capacity throughput
- Heavy duty robust construction
- 2 High output electrical motors power the inclined rotating shafts to rigorously scrub the material
- Material bed in the hull prevents wear in the steel trough
- Low water consumption
- Remote greasing to all bearings
- Interchangeable high tensile blades
- Water flushed lower bearings prevent wear or damage from small particles
- Elevated spray bar constantly adds water to the material
- Agitation encourages light particles, slits and clays to float through the water exit
- Rubber lined input chute
- Safety flowforge panels over shafts
- Lifting points attached to sides of hull for carriage

OPTIONS

- Galvanised structure
- Modular mat fitted to discharge chute with 2 spray bars and catchbox
- Mobile chassis on 120
- Walkways on either side
- Polyurethane screen and catchbox at discharge end
- Sieve mesh fitted in water outlet boxes
- Electrical control panel
- 6m (20') discharge conveyor

PS RANGE Output Potential: up to 200 tph (220 US tph)*

| | PS 120 | PS 200 | PS 120-M | |
|------------------------------------|-------------------------|--------------------------|---------------|--|
| WEIGHT (EST) (18,700lbs) | 8,500kgs (37,478lbs) | 17,000kgs (33,000lbs) | 15,200kgs | |
| WORKING WIDTH | 3.1m (10'2") | 3.57m (11'7") | 3.1m (10'2") | |
| WORKING LENGTH | 8.12m (26'8") | 9.6m (31'4") | 13.8m (45'2") | |
| WORKING HEIGHT | 3.35m (11') | 2.92m (9'5") | 4.1m (13'5") | |



WORKS FOR YOU.™

TEREX WASHING SYSTEMS CONTACT DETAILS

Dungannon

200 Coalisland road, Dungannon, Co Tyrone, BT71 4DR,
Northern Ireland

Tel: +44 (0) 28 87 740 70

Email: sales@twsw.com

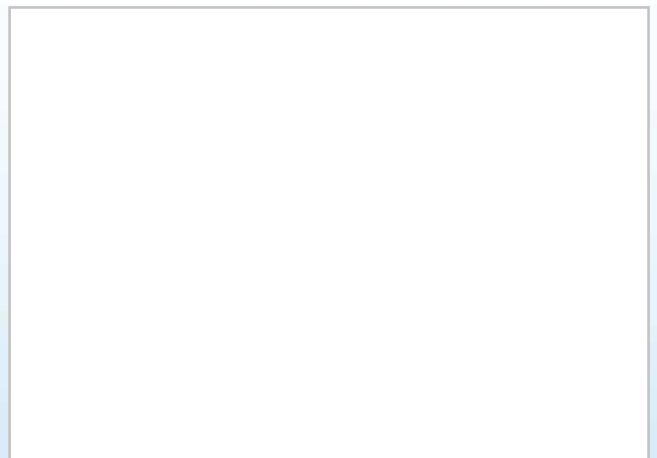
Web: www.terexwashing.com

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