

T 150



FEATURES

- Mobile bucket wheel dewaterer complete with fines retention screw
- Can produce up to 2 grades of sand
- Designed to operate with maximum versatility and can support different requirements such as maximum retention of fines or maximum disposal of fines
- Can be driven hydraulically from the mobile M Range or from its own optional electric power pack

SPECIFICATIONS

FEATURES

- Double & single grade chutes (plastic lined)
- Slurry intake boxes (rubber lined)
- High capacity variable speed twin bucket wheel
- Deep fluted fines recovery screw with variable speed
- 15 HP electric / hydraulic powerunit (optional)
- Adjustable plate between bucket and settling tank for release or retention of fines
- 6 point water injection system for agitation and floating off fines where necessary
- High capacity 100-150mtph (110 – 165ustph) depending on material size and type
- Low running cost
- Can produce one or two grades of material
- Excellent fines recovery
- Specially designed inlet boxes which reduce turbulence at entry.
- Weir discharge system adjustable from 0 – 40m (131ft) long.
- Production of silt free material
- Increased drainage time produces a drier product
- Can be hydraulically coupled to TWS Mobile M Range
- Breaks down into one 40" (12m) container

APPLICATIONS

- All forms of concrete, mortar and asphalt sands
- Quarry dust / crushed fines
- Lake and beach sands
- Slag
- Golf course sands
- Filter bed sands
- Fly ash
- Iron ore

T 150

| | |
|-----------------------------|----------------------------|
| WHEEL DIAMETER | 2.75m (9') |
| SPIRAL DIAMETER | 2.04m (6' 9") |
| SPIRAL LENGTH | 3.10m (10' 2") |
| WEIR LENGTH | 40m (131' 2") |
| BUCKET WIDTH | 0.75m (30") |
| NO. BUCKETS | 28 off |
| WATER TANK CAPACITY | 10,637L (2,340gls) |
| WATER FLOW RATE | 2270-5000L/m (500-1100Gpm) |
| WORKING LENGTH | 6.8m (22' 5") |
| WORKING WIDTH | 4.4m (14' 3") |
| WORKING HEIGHT | 3.7m (12') |
| TOTAL WEIGHT WORKING | 14800kg (32600lb) |



OPTIONS

- Boiler box for dry feed
- Electric hydraulic powerpack
- Static unit without towbar and wheels
- No water injection system

| | |
|------------------------------|--|
| FINE SAND (0 - 3mm) | Approx. 40 - 60 tph (44 - 66short tn) |
| COURSE SAND (0 - 6mm) | Approx. 80 - 150 tph (88 - 165 short tn) |
| MAX SILT | 10% - 12% |



BUCKET WHEEL

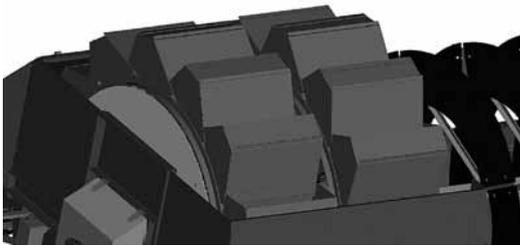
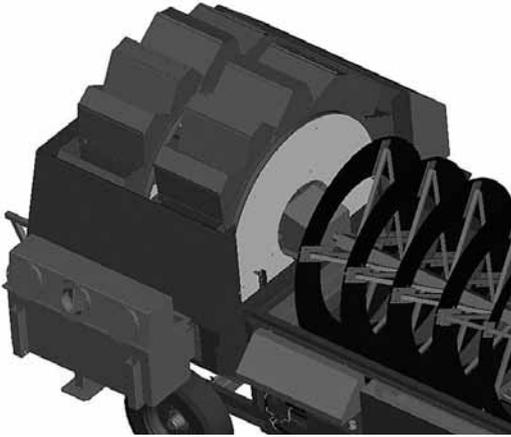
Buckets 28 off (double grade)

Bucket volume 0.117m³

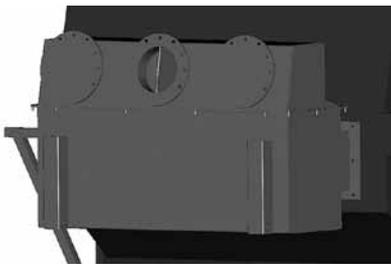
Diameter 2.6m (8' 6")

Width 750mm (30")

Bucket speed 0—1.5rpm



Twin buckets allows one or two final products



Single or double grade feed box also available



Rubber lined chute on discharge.



Optional double grade chute for two product output

AUGER SCREW

Deep fluted fines recovery screw with variable speed

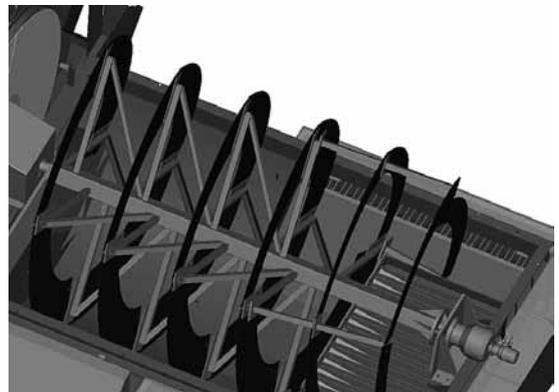
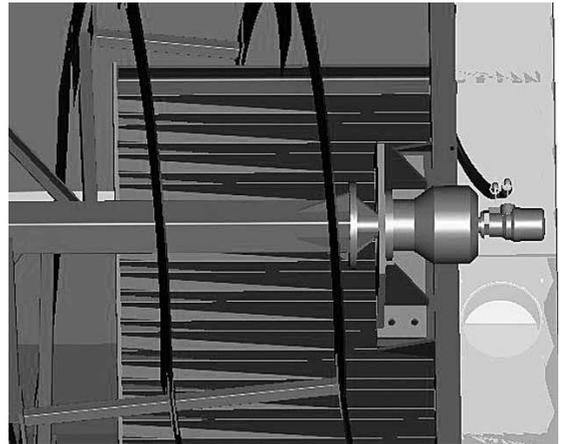
Adjustable plate between bucket and settling tank for release or retention of fines

Hydraulically driven for maximum torque

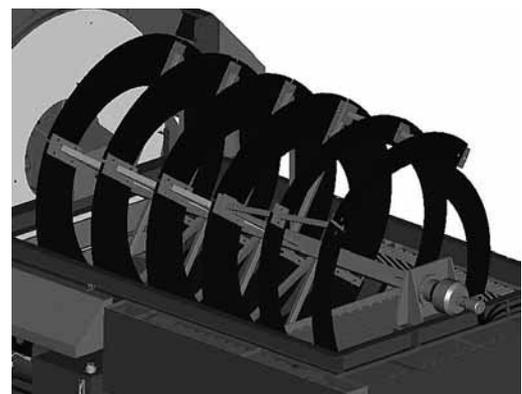
Variable speed. Separate to bucket speed

Tailing discharge trough

Adjustable discharge weir for maximum silt removal



Adjustable discharge weir on left and right hand side of machine



Deep fluted fines screw



CHASSIS

Solid single axle, towbar, and site wheels

6 retractable jacking legs to facilitate portability

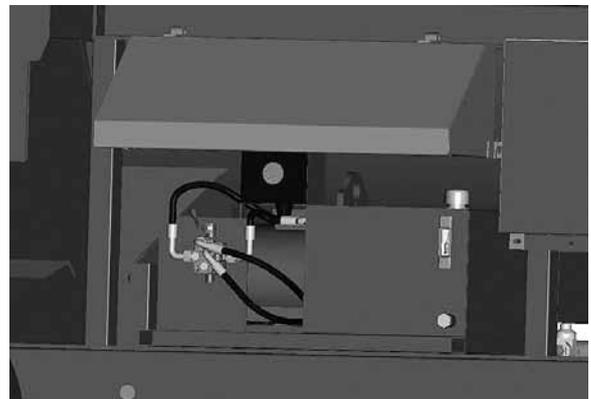
Heavy duty steel construction

Easy access to serviceable areas

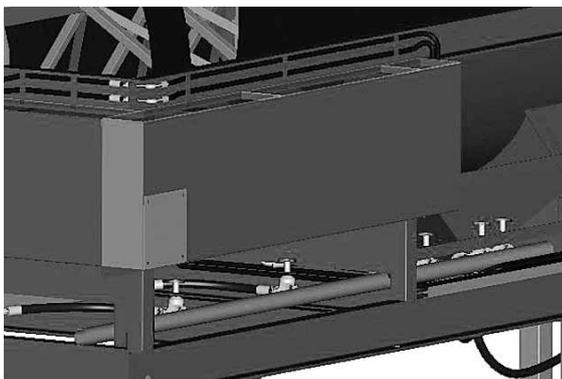
Guards designed to comply with Machinery Directive

6 point agitation system

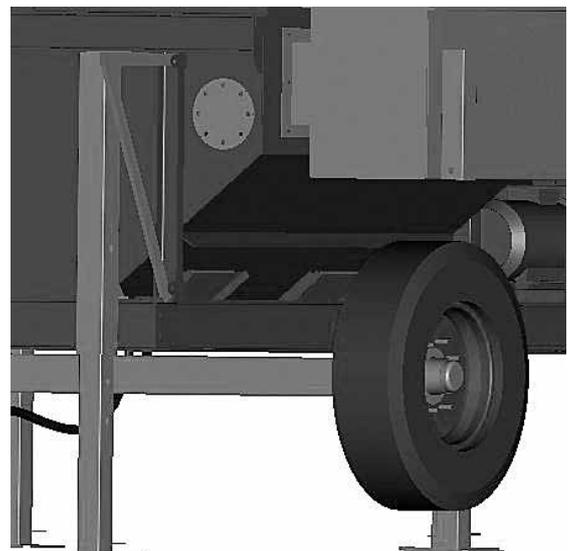
Optional electric hydraulic Powerpack 11kW (15hp)



Optional electric hydraulic powerpack



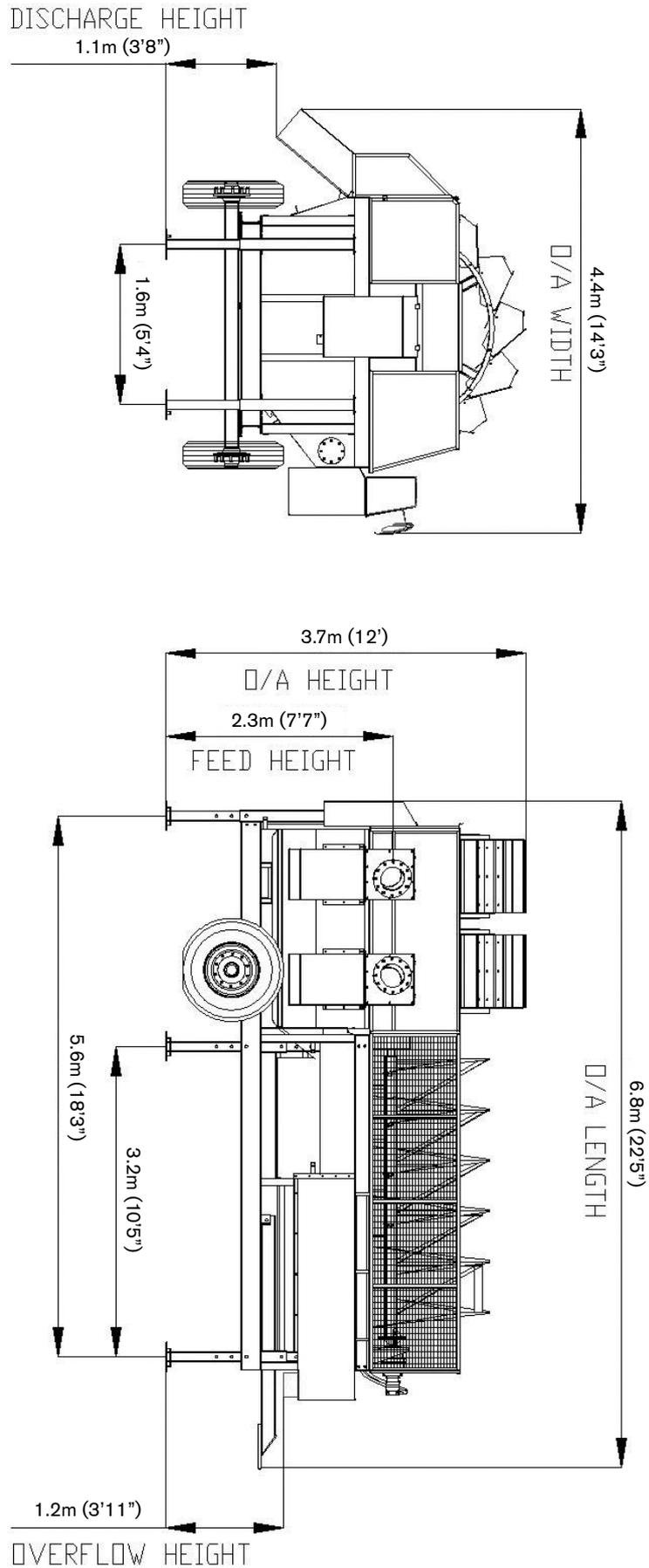
6 point agitation system for maximum silt removal



Jacking legs and towbar for quick transport and setup

DIMENSIONS

T150 WORKING DIMENSIONS



TEREX WASHING SYSTEMS CONTACT DETAILS

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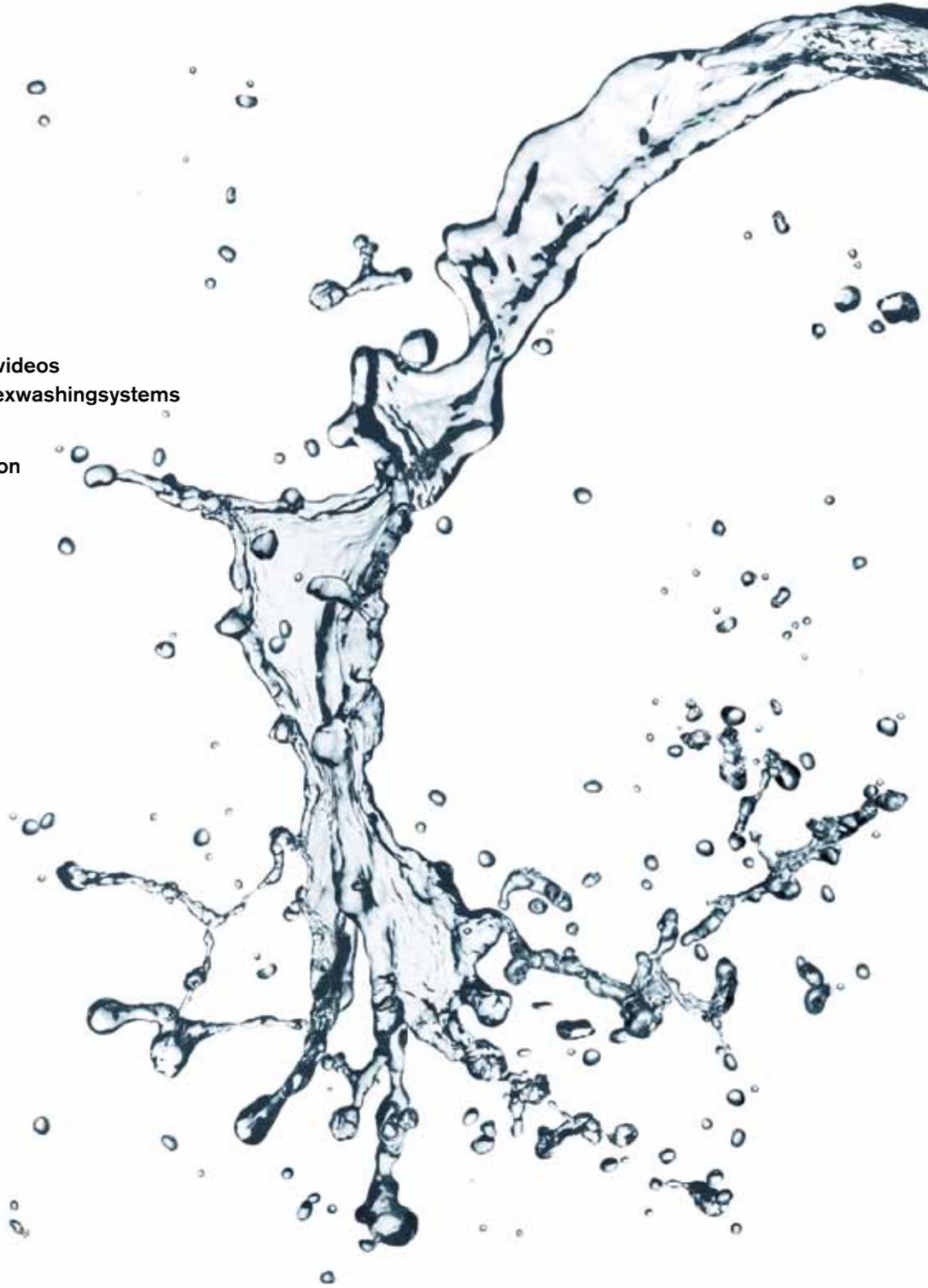
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