


DEEP CONE THICKENER RANGE




Features:


- Heavy Duty Steel Construction
- Zero Moving Parts
- Modular Construction
- Flow Diffuser
- Clean Water Weir
- Galvanised Ladder & Inspection Platform
- Pressurised Water Flush Out System
- Sludge discharges under gravity (no pump required)

AGGREGATES 

RECYCLING 

INDUSTRIAL SANDS 

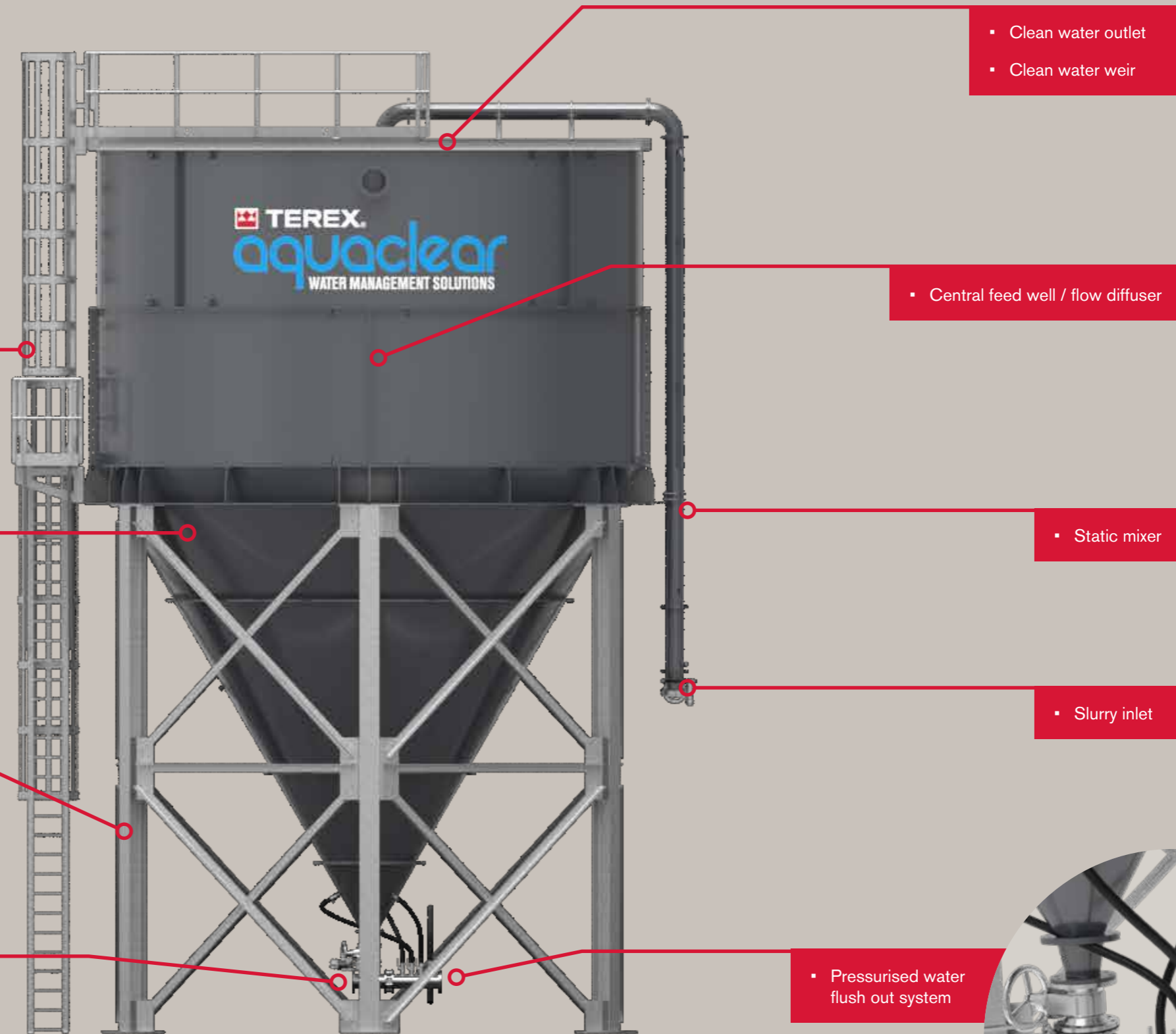
MINING 

WATER MANAGEMENT 

DEEP CONE THICKENER RANGE

Terex deep cone thickeners are designed and constructed to give optimum performance and reliability in even the toughest applications. The deep cone provides a smaller footprint than a rake style thickener saving space on site. The thickened sludge underflow can reach solids content of over 50%. With no moving parts there is minimal servicing requirement.

- Heavy duty frame construction
- Smaller footprint than rake style thickener
- Sludge discharges under gravity (no pump required)
- Thicker sludge (over 50% solids)
- No moving parts



▪ Clean water outlet
▪ Clean water weir

▪ Central feed well / flow diffuser

▪ Galvanised Inspection walkway & ladder

▪ Mild Steel tank construction
▪ Marine grade paint

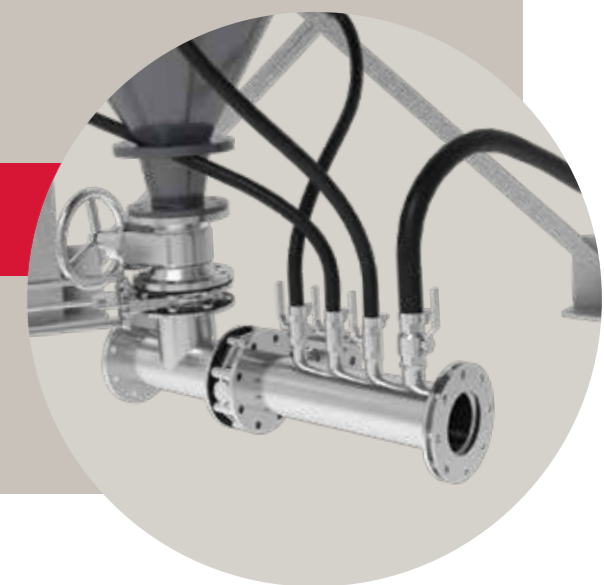
▪ Static mixer

▪ Galvanised steel support structure

▪ Slurry inlet

▪ Thickened sludge outlet

▪ Pressurised water flush out system



DEEP CONE THICKENER RANGE

TECHNICAL SPECIFICATION

The TWS Deep Cone range comes in 6 models Ranging from 150 m³/h – 500 m³/h capacity.



Machine Model	DC50	DC100	DC140	DC180	DC220	DC260
Capacity (Litres [US gal])	50000 [13208]	100000 [26417]	140000 [36984]	180000 [47550]	220000 [58117]	260000 [68684]
Maximum Feed Rate (m³/h [US gpm])	150 [660]	200 [880]	300 [1320]	350 [1540]	400 [1760]	500 [2200]
Diameter (mm [Inch])	4200 [165]	5000 [196]	6200 [244]	6800 [267]	7000 [275]	8000 [315]
Overall Height (mm [Inch])	8778 [3 45]	10619 [418]	11279 [444]	11411 [449]	12609 [496]	13000 [511]
Approximate Weight Empty (kg [lbs])	12000 [26455]	16500 [36382]	20000 [44100]	25000 [55125]	25000 [55125]	30000 [66150]
Approximate Weight Full (kg [lbs])	150000 [3306750]	175000 [385875]	220000 [484440]	275000 [606375]	300000 [661500]	355000 [78775]
Feed Inlet Height (mm [Inch])	1665 [65]	2380 [93]	3000 [118]	1850 [72]	1850 [72]	1850 [72]
Feed Inlet Flange (mm [Inch])	150 [6]	150 [6]	200 [8]	200 [8]	200 [8]	250 [10]
Clarified Water Outlet Height (mm [Inch])	7275 [291]	9055 [362]	9680 [387]	10495 [419]	10925 [437]	11316 [445]
Clarified Water Outlet Flange (mm [Inch])	300 [12]	300 [12]	300 [12]	300 [12]	300 [12]	355 [14]
Sludge Outlet Height (mm [Inch])	700 [28]	470 [19]	600 [24]	825 [33]	665 [26]	665 [26]
Sludge Outlet Flange (mm [inch])	100 [4]	100 [4]	100 [4]	150 [6]	150 [6]	150 [6]

DIMENSIONS





WASHING SYSTEMS

WASHING AS IT SHOULD BE



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www.youtube.com/terexwashingsystems



TEREX WASHING SYSTEMS

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