TEREX WASHING SYSTEMS

TECHNICAL SPECIFICATION

RAKE THICKENER

FEATURES:

- 90% of process water recycled
- High capacity flow rates
- Maximum flocculent efficiently
- Consistent underflow

AGGREGATES

RECYCLING

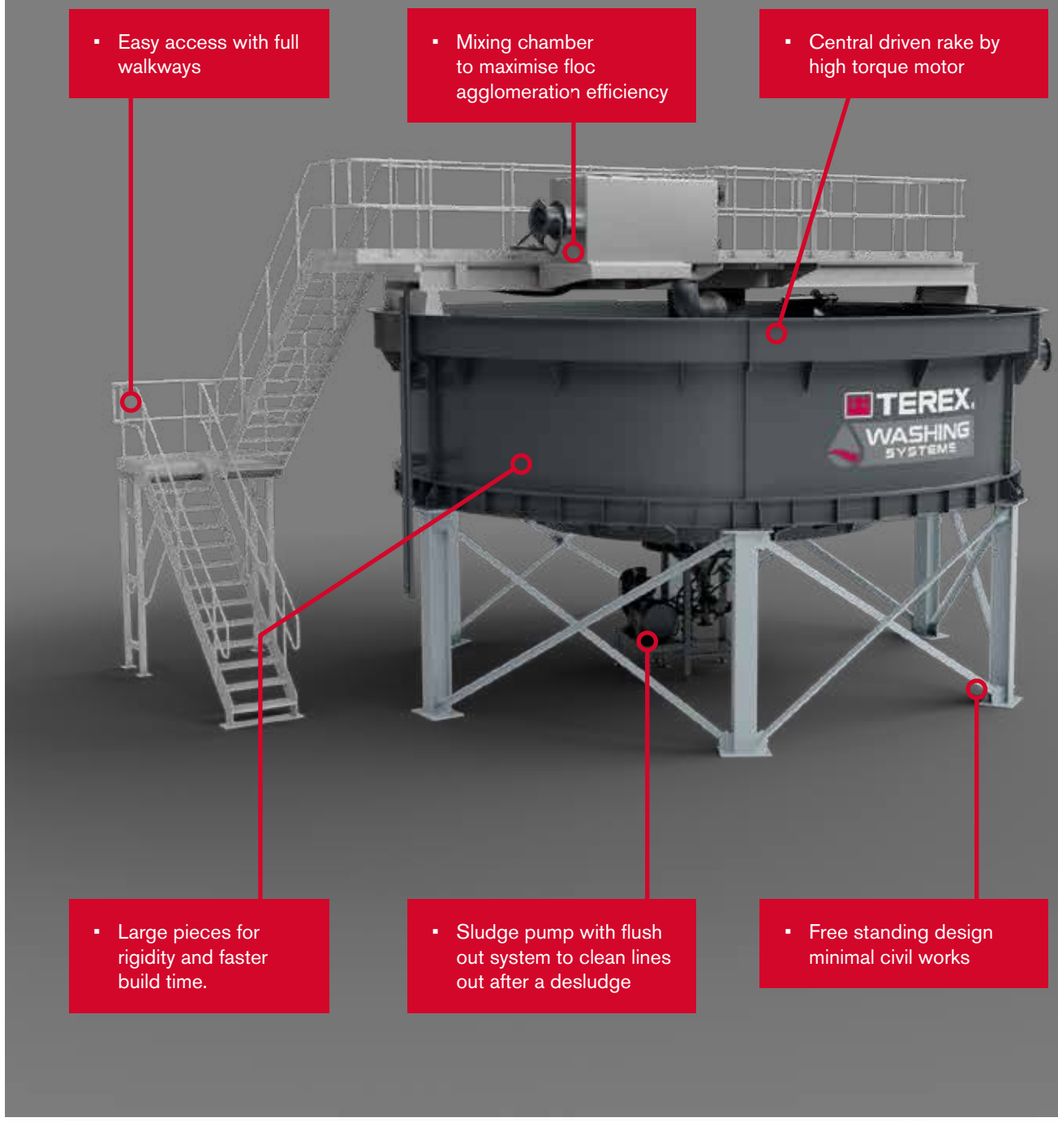
INDUSTRIAL SANDS

WATER MANAGEMENT

RAKE THICKENER

- High torque motor with torque measurement system for accurate desludging weither the sludge is destined for further processing or is simply being discharged to a pond.
- Heavy-duty full bridge design (built to last).
- Fully automated control system
- Skimmer option to remove floatable contaminants
- Available as highy mobile skid mounted version

Machine Model	MR-060	MR-080	MR-100	MR-120	MR-150
Height (M)	5.7	6.5	7.1	7.5	8.5
Diameter (M)	6	8	10	12	14
Solids Tonnage (MTPH)	10	16	25	35	45



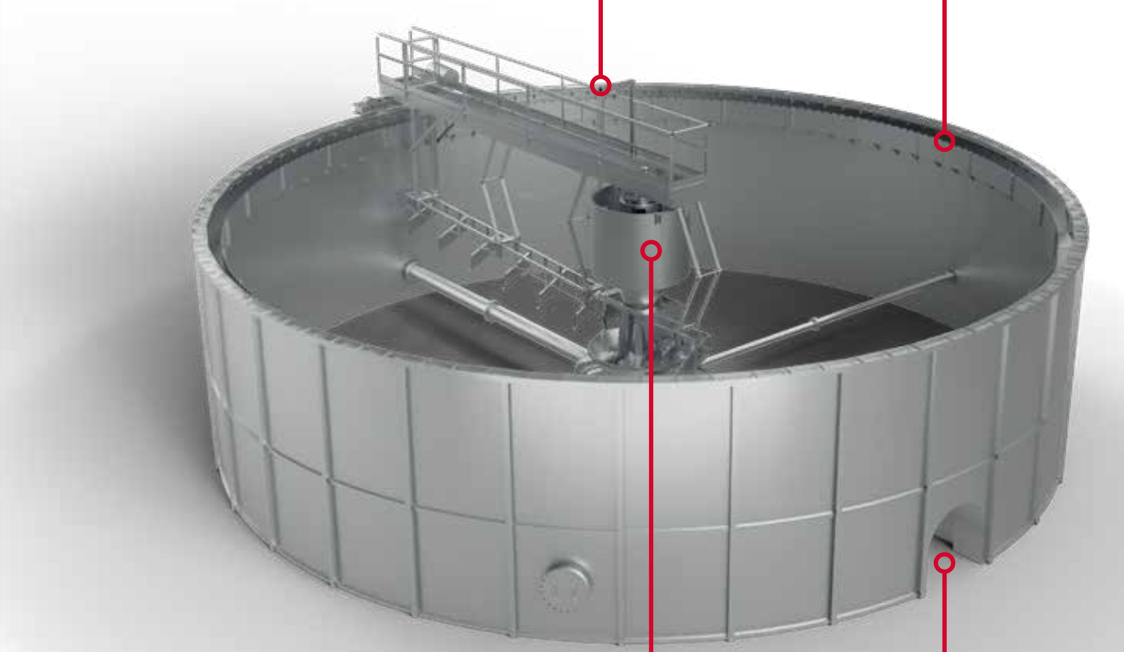
- Easy access with full walkways
- Mixing chamber to maximise floc agglomeration efficiency
- Central driven rake by high torque motor
- Large pieces for rigidity and faster build time.
- Sludge pump with flush out system to clean lines out after a desludge
- Free standing design minimal civil works

LOW LEVEL RAKE THICKENER

- Fully automated control system
- Skimmer option to remove floatable contaminants
- Best suited to high flow applications
- Specially designed feed chamber to mix flocculants to gain optimum agglomeration

Machine Model	LLR-100	LLR-120	LLR-140	LLR-160	LLR-180	LLR-200	LLR-220
Height (M)	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Diameter (M)	10	12	14	16	18	20	22
Solids Tonnage (MTPH)	25	35	45	52	60	75	90

- Hard polymer long life drive wheel
- Adjustable height rake to control height off sludge bed
- Wheel driven half bridge design
- Optional skimmer with weir guards to collect floatables



- Low level feed inlet
- Safety controlled hoop ladder gate will not open unless bridge is in place
- Central mixer to keep sludge homogenized
- Tunnel too underflow connection where desludge pump is housed

TEREX WASHING SYSTEMS

DEDICATED TO WASHING, DEDICATED TO YOU

#LETUSCLARIFY

TEREX WASHING SYSTEMS

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