

WATER RECYCLING IN A CLOSED CIRCUIT

WATER TREATMENT PLANT

THE THICKENER



Le sable, l'eau,
pour mieux construire demain



SUPPLIER OF HIGH-PERFORMANCE SOLUTIONS

FIELDS OF APPLICATIONS



- > Clarification of washing water in mines, quarries, sand pits...
- > Thickening of clays and valuable fines
- > Treatment of any industrial water containing mineral particles

A WIDE RANGE OF VOLUMES TREATED



- > From 100 to 1600 m³/h, containing up to 80 t/h of dry solids
- > Optimising flocculant consumption
- > Optimised sludge densification, from 300 to 700 g/l

DEDICATED FUNCTIONS FOR OPERATORS



- > Easy access via stairs, walkways and grating
- > Supervision diagram
- > Insulated and air-conditioned control room

BEFORE

AFTER

SERVICES

At every stage of the project, whether upstream with the sales manager or downstream with the project engineer, MS delegates a competent contact to support you:

Our commitment is based on listening, guaranteeing progress and coordinating the associated departments.

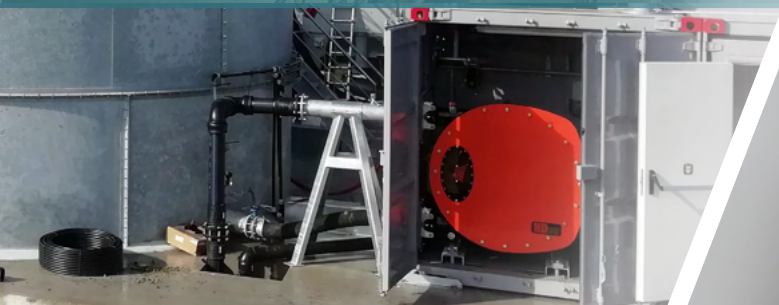
4 | KEY POINTS



01 Control room, containing the flocculant preparation and dosing unit and the power cabinet



02 Pre-wiring in the workshop

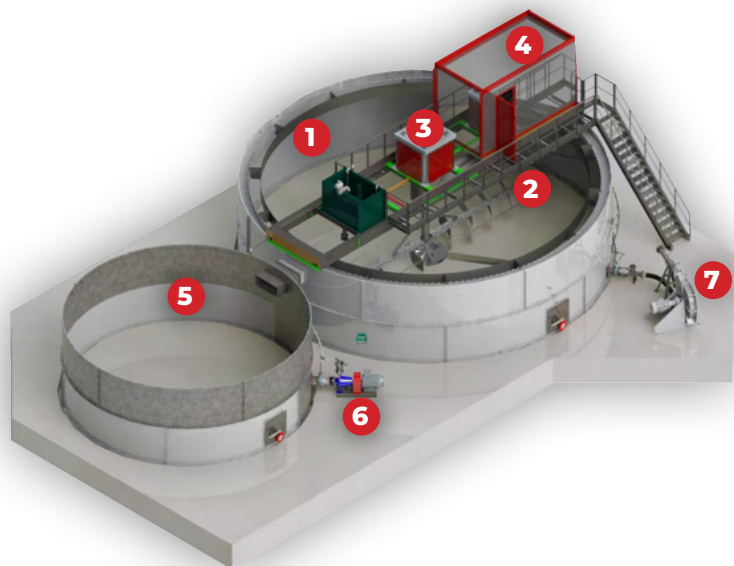


03 Sludge pump easy access



04 Automatic flocculation controller

- 1 Settling tank with peripheral corridor
- 2 Diametral pendular scraper
- 3 Scraper raising and driving mechanism
- 4 **Controfloc** and **Dosafloc** control room / power cabinet
- 5 Recycled water tank
- 6 Sludge pump
- 7 Water pump



SECURITY

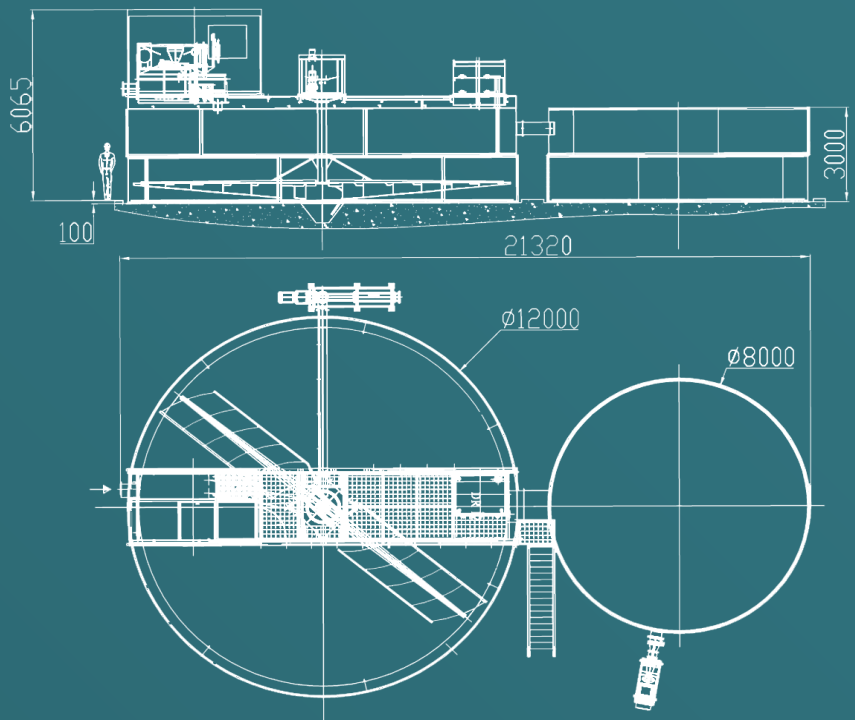
Safety is a daily priority for MS, and is paramount at every stage (research/study/design/organisation/assembly) and throughout its solutions life cycles. This risk prevention policy is centralised around our teams, partners and customers.

TYPE	CAPACITY*	MECHANISM	DOSAFLOC	RECYCLED WATER TANK
DR 6	150 M ³ /H	TYPE 1	DC 800	Ø 4.8 X 2.5 M
DR 8	250 M ³ /H	TYPE 1	DC 800	Ø 6.2 X 2.5 M
DR 10	400 M ³ /H	TYPE 2	DC 1000	Ø 8 X 3 M
DR 12	550 M ³ /H	TYPE 2	DC 1000	Ø 8 X 3 M
DR 14	750 M ³ /H	TYPE 2 +	DC 2000	Ø 10 X 3 M
DR 16	1 000 M ³ /H	TYPE 3	DC 2000	Ø 10 X 3.5 M
DR 18	1 300 M ³ /H	TYPE 3	DC 2000	Ø 12 X 3.5 M
DR 20	1 600 M ³ /H	TYPE 3	TC 3000	Ø 12 X 4 M

* Optimum flow rate given for information only. Varies according to settling speed.

EXAMPLE FOR A DR 12

- > A settling tank of
Ø 12 X 3 M
- > A capacity of 550 m³/h
- > A recycled water tank of
Ø 8 X 3 M



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