



Grainsize correction unit

MS has acquired the technology and the experience to design and manufacture complete Sand Processing Plants able to guarantee a stable quality of sand

The new european standards for concrete and cement aggregates, in addition to the variation of the sand and gravel fields require the control of the produced sand grainsize.

MS has developed a new range of equipment allowing to combine the washing of the sand through an hydro-cycloning process with an automatic correction of the grainsize.

The plant user can completely control the grainsize distribution (fineness modulus) and the stability of one specific sand production envelope.

Advantages

- Easy operation : automatic mode
- Adjustable cuts thanks to « Excel » interface
- User friendly display and settings
- Compact modular design
- Recomposition pneumatic toggle plates
- Unit pre-erected and pre-wired in workshop
- Use of belt conveyor weighing scales



Cyclonic sifter TC1000

Functions

- Sand classification into two separate controlled sands
- Recomposition of one end-product according to a pre-set envelope
- Possibility to obtain two specified sands



Automatic recomposition toggle plates

- Mastery of the production quality in both automatic mode and continual feed
- Mastery of the fineness modulus with management of the sand variations

SUPERVISION INTERMAT 19/04/2006 13:02:54 MSO SEATE automaten

Niveau de login : Visiteur

RECOMPOSITION

Paramètres Recomposition

Sable fin		Sable gros	
Position théorique volet (%)	100	100	
Ratio sable fin /sable maltra (%)	100	100	
Position théorique volet (%)	58	100	
Ratio sable gros /sable maltra (%)	84	80	

Volet 1		Volet 2		Volet 3		Volet 4		Volet 5		Volet 6		Volet 7	
Recomposition	Refus	Recomposition	Refus	Recomposition	Refus	Recomposition	Refus	Recomposition	Refus	Recomposition	Refus	Recomposition	Refus

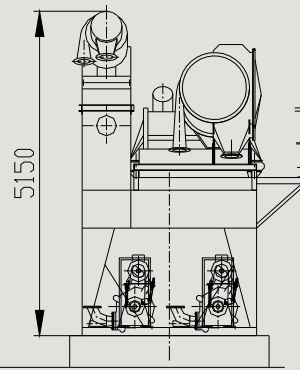
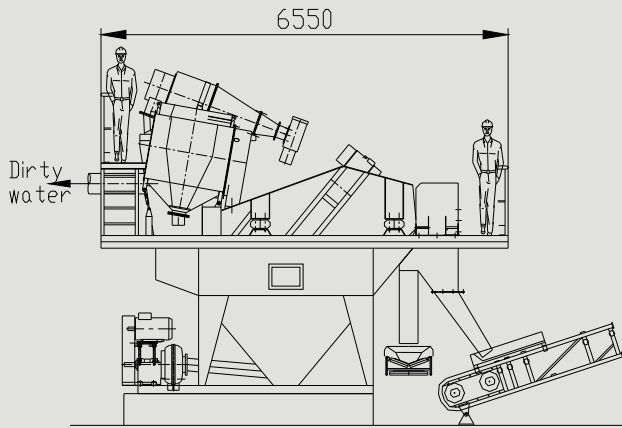
RAZ cumud	Tonnage potentiel (t/h)	% Volets	débit (t/h)	niveau / batch (t)	total / jour (t)
Sable fin	23.4	100	28.8	4.4	14.0
Sable gros	27.1	80	24.3	3.6	11.7
Sable recomposé				8.0	25.7

GENERAL TRAITEMENT DES SABLES RECOMPOSITION TRAITEMENT DES EAUX DOSAFLOC CONTROLFLOC DEFARIS NOTIONS MS Gestion MOT DE PASSI

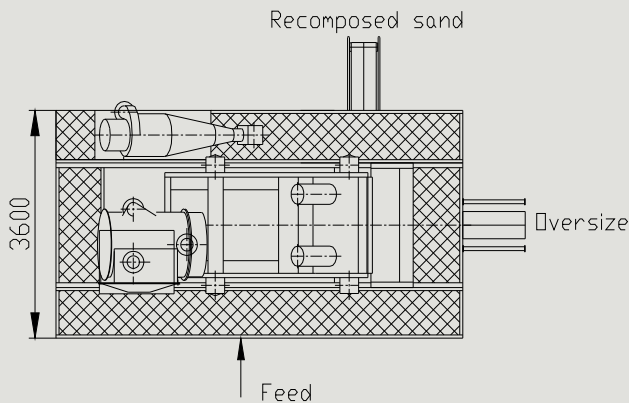
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The MS processing plants comply with CE standards of personnel safety and ergonomics.





The new range of MS grainsize correction units allows to treat from 50 to 200 t/h of sand



Description of the equipment (Intermat version)

Sand flow treated : 100 t/h maxi
Water flow : 300 m³/h

- Tank 3 x 2,5 with compartments
- Cyclonic sifter TC1000 (MS patent)
- Cyclone MS650
- Dewaterer MS15 x 31 with separate wall
- Two armoured sand centrifugal pumps
- Recomposition chute : 7 toggle plates
- Conveyor with two weighing scales

Main references :

- Millau highway bridge – France
- Lyon Turin Ferroviaire – France
- Tangier harbor – Marocco
- Sands for high performance concrete – France – England – Portugal



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