

Compact Solutions

Linatex® compact plants are an excellent solution for short term contracts, construction waste processing or as a temporary measure prior to installation of a larger static plant

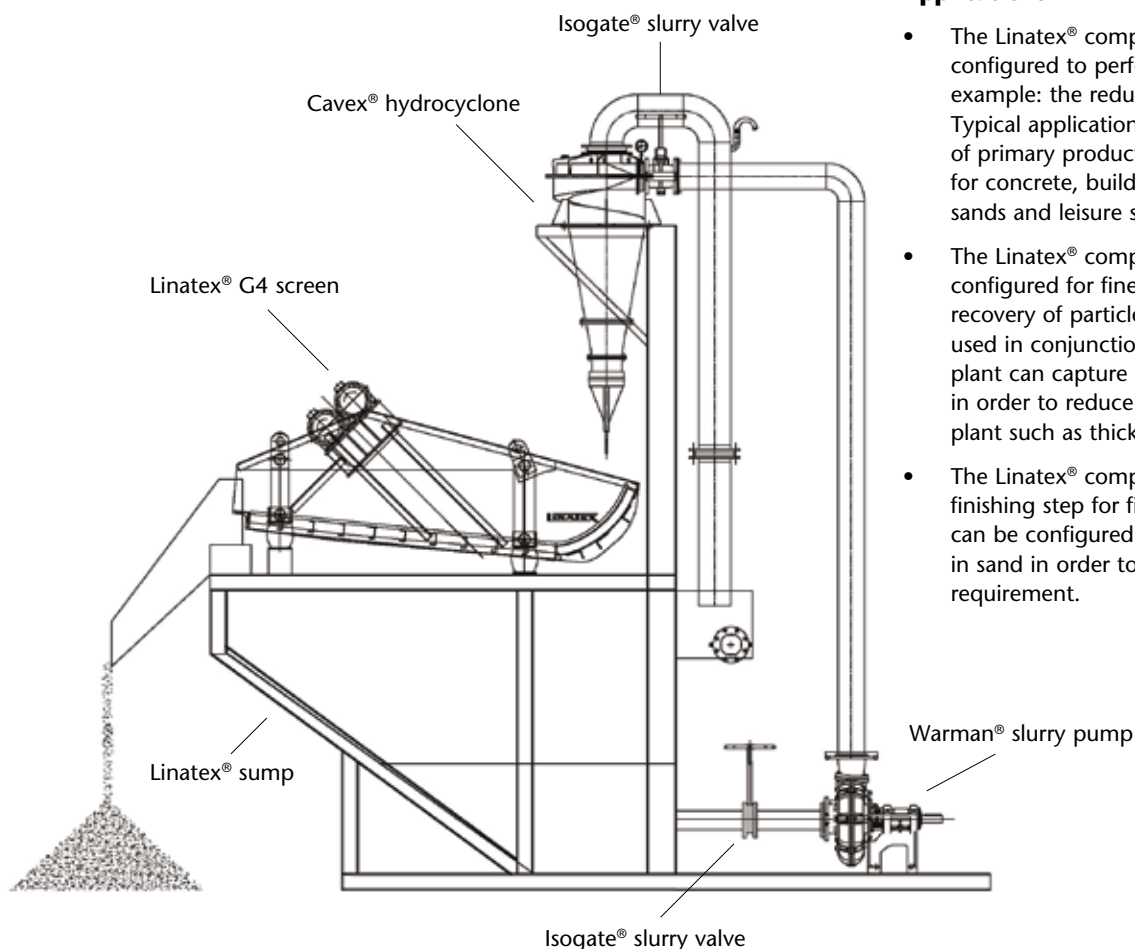
Linatex® compact plants feature the same functionality as our static plants, designed to be mobile and to remove excess fines or coarse material simply, and provide a clean, low moisture product for conveying or stockpiling.

Features

- Rapid deployment portable single grade sand washing and dewatering system designed for minimum installation time.
- The range of four Linatex® compact plants are designed to handle feed rates of 50 to 200 tons per hour at 25% solids of up to 6mm (-1/4") aggregate sand and produce a product suitable for direct stockpiling.

Applications

- The Linatex® compact plant range can be configured to perform simple washing, for example: the reduction of -63 micron material. Typical applications would be the in processing of primary products such as construction sands for concrete, building, mortar, asphalt, industrial sands and leisure sand dressings.
- The Linatex® compact plant can also be configured for fines recovery, such as maximum recovery of particles down to 50 micron. When used in conjunction with effluent systems, the plant can capture useful material or de-gritting in order to reduce loading on effluent treatment plant such as thickeners.
- The Linatex® compact plant can fill the roll of a finishing step for fine classification. The cyclone can be configured to correct the fines content in sand in order to meet a specific grading requirement.



Linatex® Compact 50

Designed to operate at 50 tph at 25% solids in 700 gpm of slurry and an operating pressure of 14.5 psi to make a d50c cut of 200 mesh (75 micron). The default specific gravity of the system is 2.65.

Linatex® Compact 100

Designed to operate at 100 tph at 25% solids in 1400 gpm of slurry and an operating pressure of 14.5 psi to make a d50c cut of 200 mesh (75 micron). The default specific gravity of the system is 2.65.

Linatex® Compact 150

Designed to operate at 150 tph at 25% solids in 2050 gpm of slurry and an operating pressure of 14.5 psi to make a d50c cut of 200 mesh (75 micron). The default specific gravity of the system is 2.65.

Linatex® Compact 200

Designed to operate at 200 tph at 25% solids in 2800 gpm of slurry and an operating pressure of 14.5 psi to make a d50c cut of 200 mesh (75 micron). The default specific gravity of the system is 2.65.

Linatex® Compact Standard System Components

Name	Sump	Pump	Valve	Cyclone	Screen	Hoses and Chute
Linatex® Compact 50	1400 gallon sump	WARMAN® WGR 150 (6") rubber pump with 20hp motor	Isogate® MP OB 150 (6")	Cavex® 500-15-150 dewatering cyclone (20")	Linatex® G4 DW-9 dewatering screen	Rubber lined connection hoses and discharge chute
Linatex® Compact 100	2050 gallon sump	WARMAN® WGR 200 (8") rubber pump with 30hp motor	Isogate® MP OB 200 (8")	Cavex® 500-15-150 dewatering cyclone (26")	Linatex® G4 DW-12 dewatering screen	Rubber lined connection hoses and discharge chute
Linatex® Compact 150	3500 gallon sump	WARMAN® WGR 200 (8") rubber pump with 50hp motor	Isogate® MP OB 200 (8")	Cavex® 500-15-150 dewatering cyclone (26")	Linatex® G4 DW-15 dewatering screen	Rubber lined connection hoses and discharge chute
Linatex® Compact 200	5000 gallon sump	WARMAN® WGR 250 (10") rubber pump with 75hp motor	Isogate® MP OB 250 (10")	Cavex® 500-15-150 dewatering cyclone (33")	Linatex® G4 DW-15 dewatering screen	Rubber lined connection hoses and discharge chute

- WARMAN®** Centrifugal Slurry Pumps
- GEHO®** PD Slurry Pumps
- LINATEX®** Rubber Products
- VULCO®** Wear Resistant Linings
- CAVEX®** Hydrocyclones
- FLOWAY® PUMPS** Vertical Turbine Pumps
- ISOGATE®** Slurry Valves
- MULTIFLO®** Mine Dewatering Pumps
- HAZLETON®** Specialty Slurry Pumps
- LEWIS® PUMPS** Vertical Chemical Pumps
- WEIR MINERALS SERVICES™**



For further information on any of these products, service or support services contact your nearest sales office or visit:

www.weirminerals.com

Weir Minerals Linatex - North America

Weir Minerals Linatex - Salt Lake City
 (formerly Rubber Engineering)
 3459 South 700 West
 Salt Lake City, UT 84119 USA
 Tel: +1 801 574 2100
 Fax: +1 801 261 5587

Weir Minerals Linatex - Gallatin
 1550 Airport Road
 Gallatin, TN 37066 USA
 Tel: +1 615 230 2100
 Fax: +1 615 230 2101
www.weirminerals.com

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