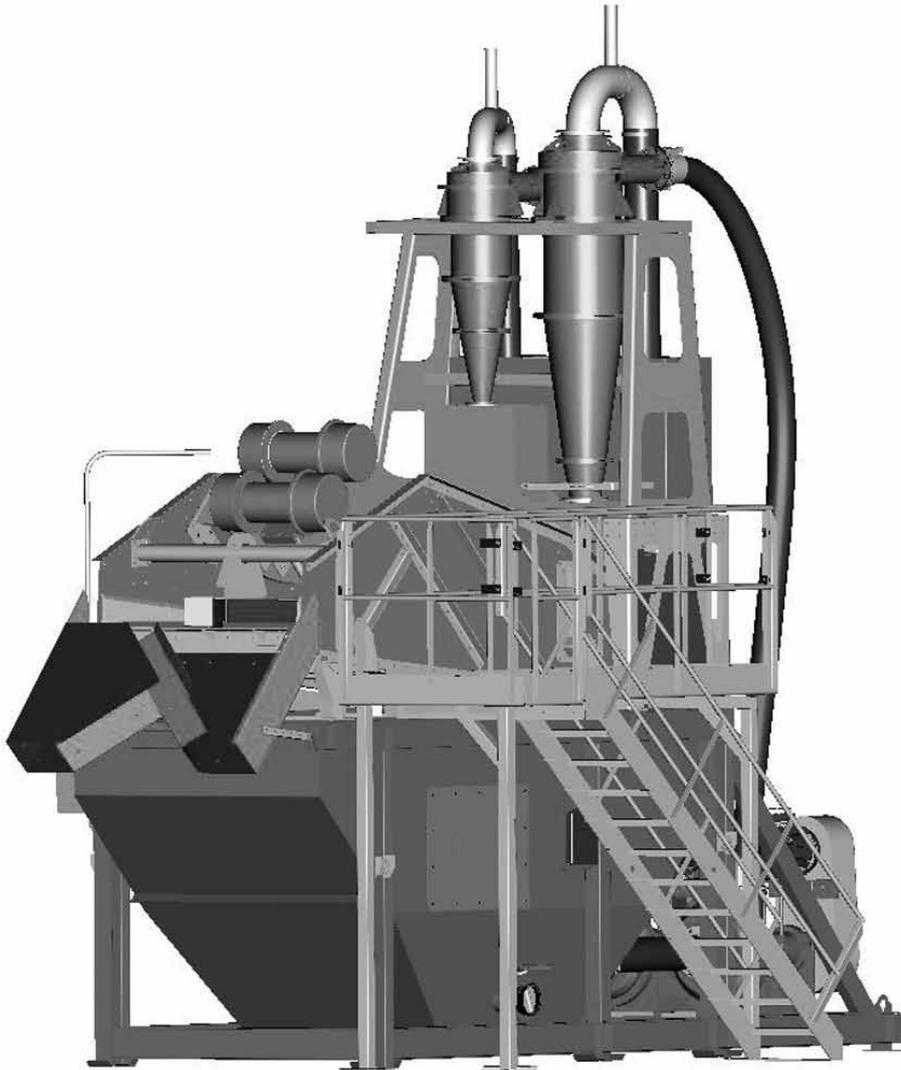


FM 120 2G C



FEATURES

- Static sand recovery unit
- One chassis
- Two centrifugal slurry pumps
- Two hydrocyclones
- Collection tank
- Split 12 x 5 dewatering screen
- Produce two grades of sand
- Works in conjunction with Terex Washing Systems Range

FEATURES AND BENEFITS

- Underflow rubber lined slurry pumps
- Two rubber lined hydrocyclones which classifies at approximately 75µm (200 mesh)
- Self regulating cyclone tank complete with built in float system and anti-turbulence sections
- High frequency split 3.6m x 1.5m (12 x 5) dewatering screen fitted with polyurethane modular mats
- Maximum recovery of material above 75µm (200 mesh)
- Removes silt, slimes and clays below 75µm (200 mesh)
- Removes water following dewatering operation to 10–15% of residual water content
- Major reduction in saleable material discharging to the pond, thus reducing pond maintenance and saving money
- Heavy-duty robust construction ideal for rugged operating environment
- Low maintenance
- All wear areas rubber lined
- Walkway and access ladder
- Quick assembly time
- Breaks down into one 40' (12m) container
- Approx 80-120 tph

APPLICATIONS

- All forms of concrete, mortar and asphalt sands
- Quarry dust / crushed fines
- Lake and beach sands
- Silica sand for glass industry
- Golf course sands
- Filter bed sands
- Recycled materials
- Iron ore
- Most materials which need to be washed

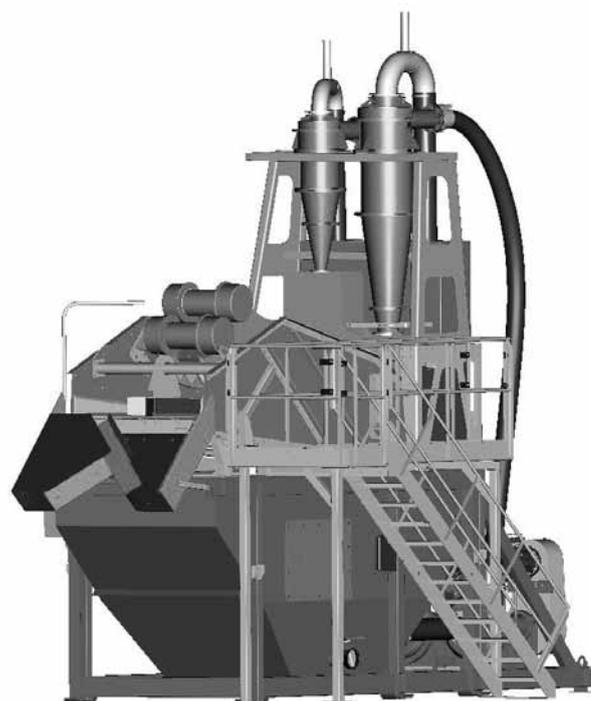
OPTIONS

- Electrical control panel
- Spraybars on dewatering screens
- Single grade chute

SPECIFICATIONS

TECHNICAL DIMENSIONS

WORKING LENGTH	7.58m (24'10")
WORKING WIDTH (INC WALKWAY)	4.45m (14' 6")
WORKING HEIGHT	6.74m (22' 12)
FEED HEIGHT	1.95m (6'5")
PRODUCT DISCHARGE HEIGHT	1.91m (6'3")
WASTE WATER DISCHARGE HEIGHT	4.11m (13'5")
OVERFLOW DISCHARGE HEIGHT	1.68m (5'6")
TOTAL WEIGHT(EMPTY)	15000kg (33000lb)
TOTAL WEIGHT(WORKING)	28300kg (62390lb)



CYCLONES

G4 500 Hydrocyclone (Course)

G4 375 Hydrocyclone (Fine)

Spigot discharge

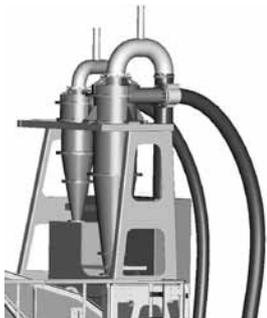
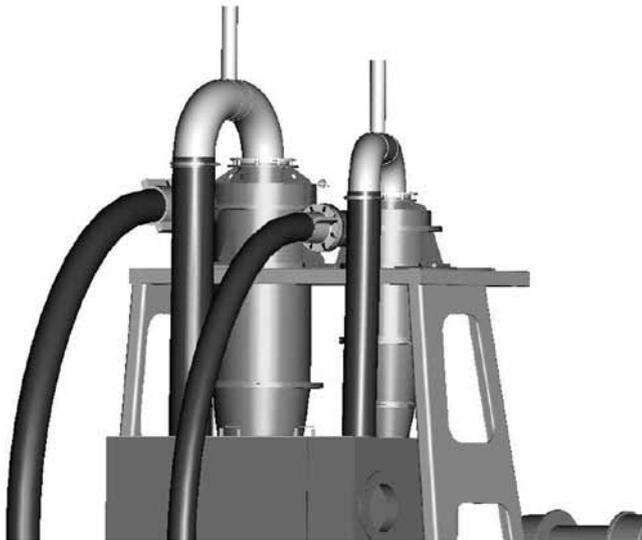
All wear areas rubber lined

Underflow collection box

Pressure flange with pressure gauge and protector

150mm (6") rubber lined slurry delivery hose (Course cyclone)

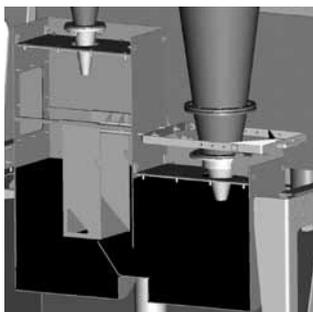
125mm (5") rubber lined slurry delivery hose (Fine cyclone)



Extended fines cyclone for maximum fines retention



Rubber lined spigot



Movable chute to allocate fine material to the coarse product



Specialized rubber lined sealed slurry transfer pipe complete with heavy duty clamps

CENTRIFUGAL PUMPS

Fines Cyclone

Size 150/125mm (Heavy duty rubber lined)

Motor 15kW (20hp) (IP55 enclosure)

Pump capacity 250m³

Abrasion resistant liners

Moulded rubber impeller

Excellent serviceability

Course Cyclone

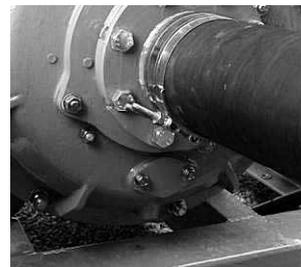
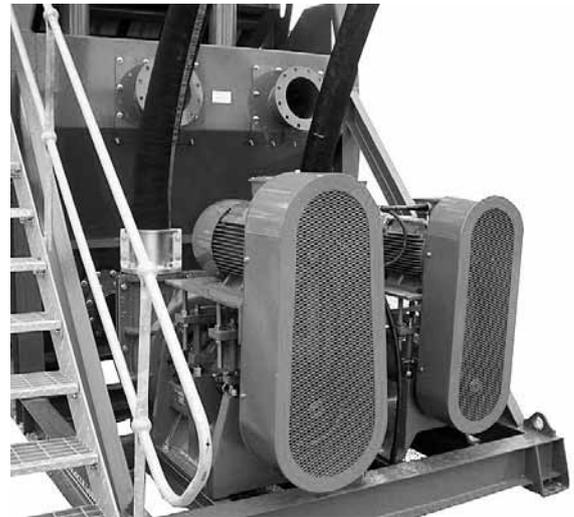
Size 200/150mm (Heavy duty rubber lined)

Motor 18.5kW (24hp) (IP55 enclosure)

Abrasion resistant liners

Moulded rubber impeller

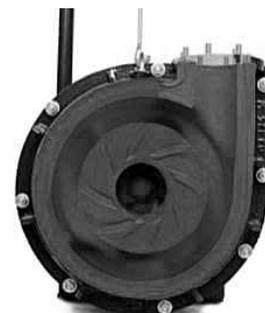
Excellent serviceability



Pump drain for cold climate applications



Easy access for ease of maintenance



Fully rubber lined for increased wear life

CHASSIS

Self regulating cyclone tank complete with built in float system

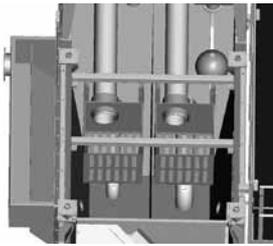
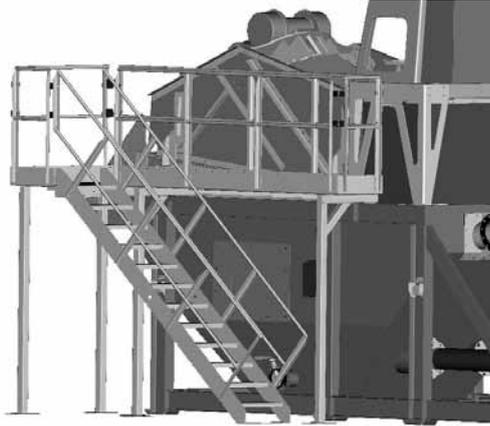
Build in anti-turbulence sections

Split two product tank

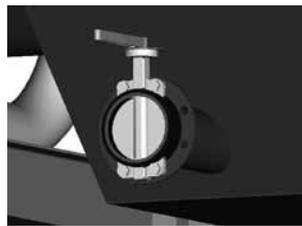
Heavy duty steel construction

Easy access to all serviceable areas

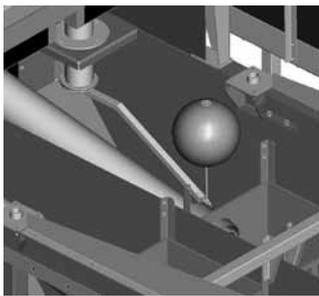
Walkway with steps and handrails



Rubber lined anti-turbulence inlet



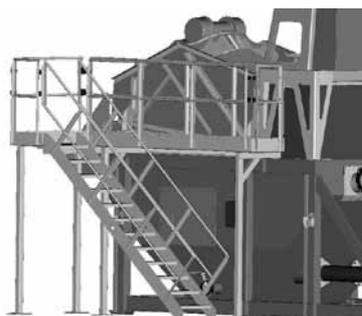
Integrated tank drains for ease of maintenance



Float system for self regulation of tank water level



Fines side excess silt overflow weir



Walkway, steps and handrails included standard with all machines

DEWATERING SCREEN

Size 3.7m x 1.5m (12' x 5')

Vibratory motors 4kW (5.5hp)(2off) 960 rpm

Screen aperture 0.3mm feed side & 0.5mm discharge side

Exceptional dewatering performance

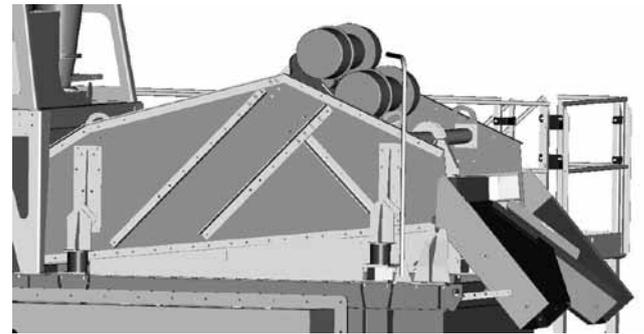
Modular screen decks

Side protection liners

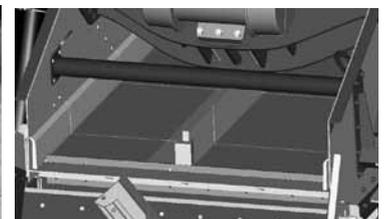
Marshmallow® screen mounts for smoother running

Lined discharge chute

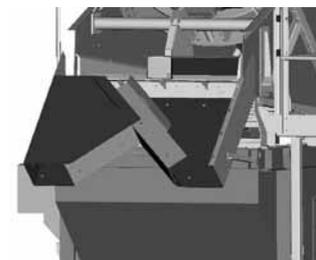
Rubber lined division plate



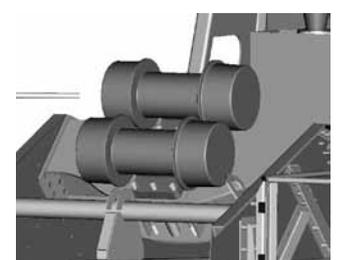
Sloped back panel for maximum water removal



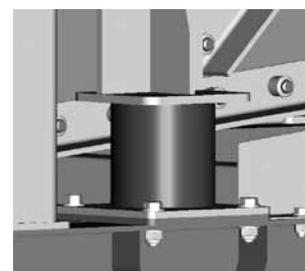
Adjustable division plate with modular screen decks and side protection liners



Integrated rubber lined dual chute with blending facility



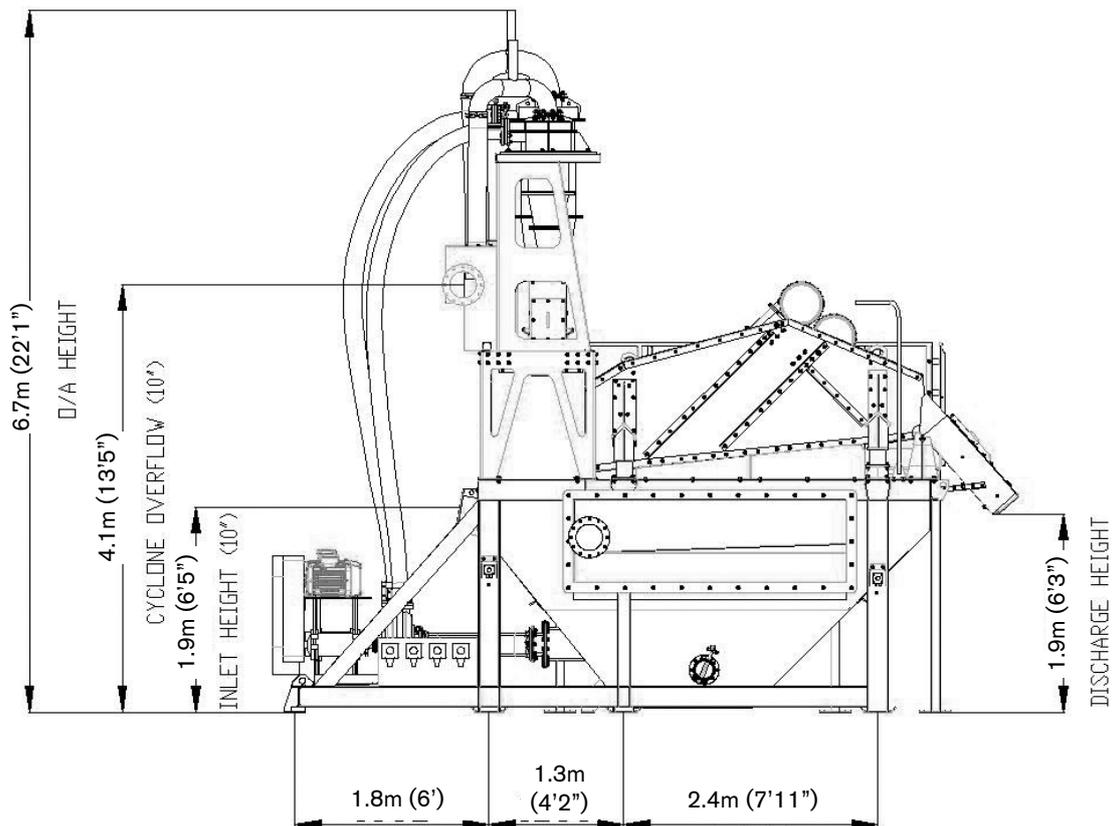
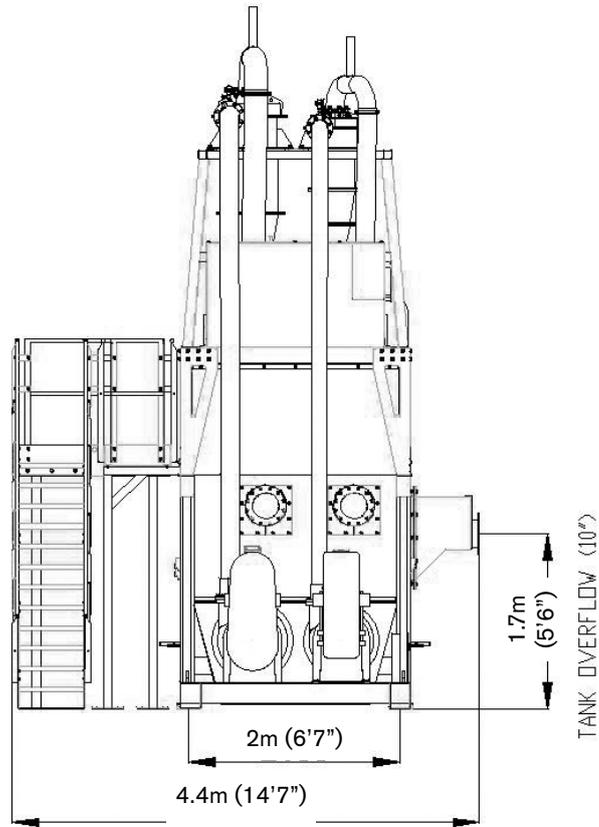
Low noise vibrating motor



High efficiency rubber screen mount for minimal vibration

DIMENSIONS

FM 120 2G C - WORKING DIMENSIONS



TEREX WASHING SYSTEMS CONTACT DETAILS

Dungannon Site

200 Coalisland Road
Dungannon
Co. Tyrone
Northern Ireland
BT71 4DR

Tel: +44(0) 28 8771 8500

Email: TWS.sales@terex.com

www.terex.com/washing

YouTube

Check out Terex Washing Systems videos
on YouTube: www.youtube.com/terexwashingsystems

f

www.facebook.com/TerexCorporation



Effective Date: July 2012 Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks, or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2010 Terex Corporation.



WORKS FOR YOU.™