

FM Compact

FM 20 C / FM 60 C / FM 120 C / FM 120 2G / FM 200 C

The Terex® FM Compact range are static sand recovery units designed to be both cost and energy efficient.

The range uses centrifugal force within the cyclone(s) to remove clay, silt and slime from sand to bring it into specification. The range combines a collection tank, centrifugal slurry pump(s), hydrocyclone(s) and a dewatering screen on a single chassis.

FEATURES & BENEFITS

- Underflow rubber lined slurry pump(s)
- Two rubber lined hydrocyclone(s)
- Self regulating cyclone tank
- High frequency 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 environments
- Low maintenance
- All wear areas rubber lined
- Walkway and access ladder
- Quick assembly time
- Broken down into one single container for transport (except FM 200 C)

OPTIONS

- Boiler box for dry feed (except FM 120 2G)
- Electrical control panel
- Dewatering screen spray bars
- Galvanised structure and tank
- Single grade chute (FM 120 2G only)



FM 20 C

WORKING LENGTH	3.8m (12'6")
WORKING WIDTH (INC WALKWAY)	2.2m (7'3")
WORKING HEIGHT	5.6m (18'5")
TOTAL WEIGHT (APPROX)	4500kg (9920lb)

FM 60 C

WORKING LENGTH	5.55m (18'2")
WORKING WIDTH (INC WALKWAY)	2.70m (8'9")
WORKING HEIGHT	5.80m (19')
FEED HEIGHT	1.77m (5'6")
PRODUCT DISCHARGE HEIGHT	1.30m (4'2")
WASTE WATER DISCHARGE	2.40m (7' 10")
OVERFLOW DISCHARGE	1.50m (5')
TOTAL WEIGHT (EMPTY)	5500kg (12500lb)
TOTAL WEIGHT (WORKING)	12500kg (27600lb)

FM 120 C

WORKING LENGTH	6.5m (21'3")
WORKING WIDTH (INC WALKWAY)	3.5m (11'4")
WORKING HEIGHT	6.2m (20'3")
FEED HEIGHT	1.90m (6'3")
PRODUCT DISCHARGE HEIGHT	1.7m (5'6")
WASTE WATER DISCHARGE HEIGHT	971mm (3'2")
TOTAL WEIGHT (EMPTY)	8000kg (17600 lb)
TOTAL WEIGHT (WORKING)	14800kg (32600 lb)

FM 120 2G

WORKING LENGTH	7.58m (24'10")
WORKING WIDTH (INC WALKWAY)	4.45m (14'6")
WORKING HEIGHT	6.7m (22'1")
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)

FM 200 C

WORKING LENGTH	7.6m (24'11")
WORKING WIDTH (INC WALKWAY)	6.2m (20'5")
WORKING HEIGHT	7m (22'11")
FEED HEIGHT	2.1m (6'10")
PRODUCT DISCHARGE HEIGHT	1.3m (4'3")
TOTAL WEIGHT (EMPTY)	14000kg (30865lb)