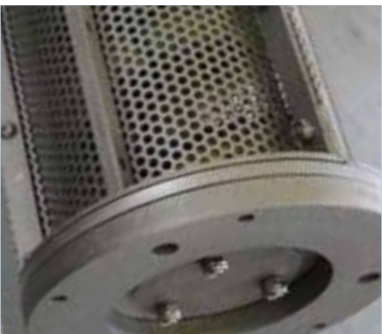


In-channel Vertical Screw Screen WASTEMASTER® GCEV



DEEP CHANNEL DESIGN

WASTEMASTER® GCEV is a Vertical Screw Screen designed for application in deep channels with a high upfront water stream.

WASTEMASTER® GCEV carries out solids-liquid separation with great efficiency de-watering and compacting (option) the effluent in a special discharge module.

By providing continuous cleaning of the screen, special brushes on the outside diameter of the screw flight optimise separation efficiency.

The great flexibility of WASTEMASTER® Screw Screens by SPEC® makes them the ideal choice in a variety of applications for intermittent operation,

Technical Features

- For both municipal and industrial solids-liquid separation of effluents
- All fabricated parts in 304L / 316L stainless steel
- Screw in 304 / 316 stainless steel or special high-resistance steel
- Flight brushes for continuous cleaning of the screen
- Screens in different mesh sizes (2, 3, 5, 6 or 10 mm)
- Great versatility of application due to wide range of accessories



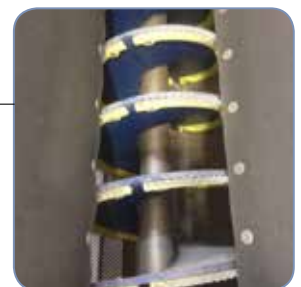
Pipe washing system



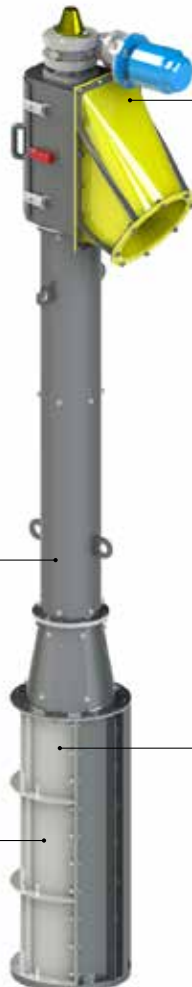
Highly efficient outlet spout in SINTTM engineering polymer



Inlet screen



Shaftless screw with fixed centre pipe



| MODEL | SCREEN HEIGHT [mm] | FLOW RATE (2 mm) [l/s] | FLOW RATE (3 mm) [l/s] | FLOW RATE (5 mm) [l/s] | FLOW RATE (6 mm) [l/s] | FLOW RATE (10 mm) [l/s] | SOLIDS EXTRACTION [dm ³ /s] |
|----------|--------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--|
| GCEV 200 | 750 | 15 | 22 | 26 | 28 | 30 | 0.22 |
| GCEV 300 | | 22 | 26 | 28 | 30 | 32 | 0.22 |
| GCEV 500 | | 28 | 30 | 34 | 35 | 38 | 0.35 |
| GCEV 200 | 1,000 | 20 | 26 | 30 | 31 | 34 | 0.22 |
| GCEV 300 | | 26 | 30 | 33 | 35 | 38 | 0.22 |
| GCEV 500 | | 33 | 35 | 38 | 40 | 45 | 0.35 |
| GCEV 200 | 1,250 | 25 | 30 | 34 | 35 | 38 | 0.22 |
| GCEV 300 | | 30 | 34 | 36 | 38 | 40 | 0.22 |
| GCEV 500 | | 37 | 39 | 40 | 44 | 50 | 0.35 |

Note: Values related to clean water

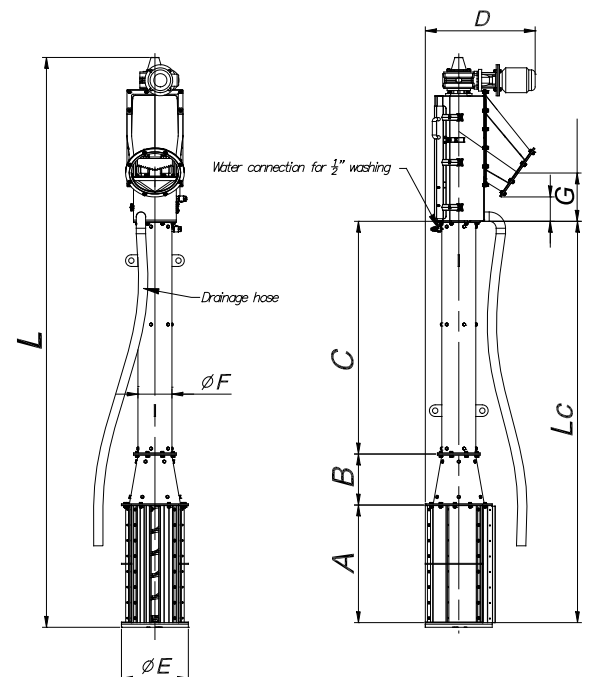
Benefits

- ✓ Easy to install;
- ✓ High versatility due to large number of versions;
- ✓ No particular inspection or frequent maintenance required;
- ✓ Modular design enabling easy access and parts replacement;
- ✓ Outlet installation angle according to customers' request (90° steps);
- ✓ Optionally up to 40% solids volume reduction.

Overall Dimensions

| MODEL | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G* (mm) | Lc (mm) | L (mm) |
|----------|--------|--------|--------|--------|--------|--------|---------|---------|--------|
| GCEV 200 | 750 | \ | 1,500 | 680 | 275 | 219 | 311 | 2,250 | 3,340 |
| | 1,000 | | 4,000 | | | | | 5,250 | 6,340 |
| | 1,250 | | | | | | | | |
| GCEV 300 | 750 | 330 | 1,500 | 710 | 431 | 219 | 311 | 2,580 | 3,670 |
| | 1,000 | | 4,000 | | | | | 5,580 | 6,670 |
| | 1,250 | | | | | | | | |
| GCEV 500 | 750 | 740 | 1,500 | 970 | 651 | 273 | 378 | 2,990 | 4,310 |
| | 1,000 | | 4,000 | | | | | 5,990 | 7,310 |
| | 1,250 | | | | | | | | |

* G is equal to 0 mm in case of unit without compaction module



Dimensions in mm

Accessories

- Bag clamping system
- Endless Hose
- Horizontal bracket kit
- Collar

Application



202001185 December 2015 Rights reserved to modify technical specifications.



www.wamgroup.com