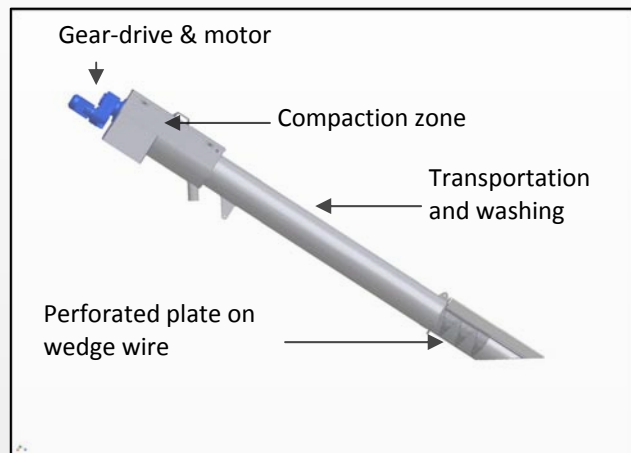
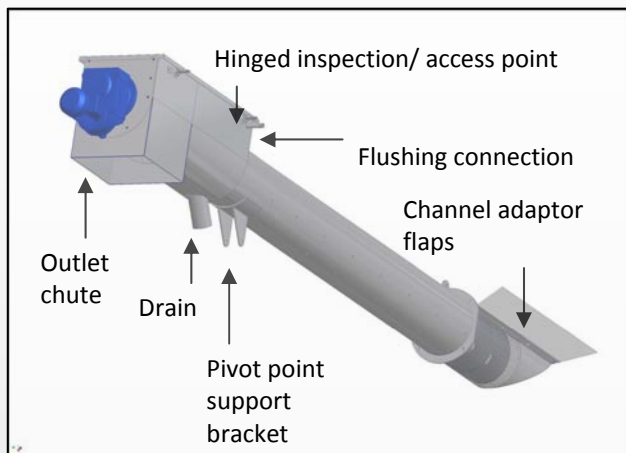


# ATARA CHANNEL SCREEN

*Designed for removing, dewatering and compacting solids from influent stream*



Solids are conveyed out of the liquid via a shaftless screw. Brushes attached to the lower end of the screw clean the filtering screen and help convey solids.

At the upper end of the screw, solids reach the compacting zone where they are compacted and dewatered before being discharged in a bag or an auxiliary conveyor.

## **EFFICIENCY**

- Screen shape contributes to minimize turbulence and increases screen efficiency.
- Spray wash system to clean screenings.
- Compaction zone: dewateres and reduces screening volume.

## **LOW COST OPERATION**

- Shaft less Screw, no submerged bearings or seals.
- Compact and robust design.
- Direct coupled gear drive and motor.
- Pivot type support (for ease of maintenance).

## **APPLICATIONS**

### **Municipal:**

- Headwork
- Debris removal

### **Industrial:**

- Food processing
- Winery
- Agricultural
- Pulp and paper

**MANUFACTURED IN:**

Mild Steel painted  
Stainless Steel 304 or 316 L

**Liners:**

Hardox Bars  
Stainless Steel Bar  
UMHW

**ATARA Channel Screen Sizing Chart**

Model	ATCS 300	ATCS 400	ATCS 500	ATCS 600	ATCS 750
Max. Flow*	1.1 mgd	2 mgd	3.2 mgd	4.8 mgd	6.6 mgd
Motor	1.5 Hp	1.5 Hp	1.5 Hp	2.0	2.0
Min. Channel Width	12"	16"	20"	24"	30"
Recommended Channel Width	14" +	18" +	22" +	26" +	34" +
Basket Section Length	37.8"	42.3"	53.2"	63.2"	75.2"
Lower Spiral Diam.	10.2"	14.2"	18.1"	22.0"	28.0"
Standard Total Length	200"	200"	200"	224"	236"
<i>*Based on Sewage @ 250 ppm. Opening range from 0,010" to ¼ "</i>					

**ALSO AVAILABLE:**

Longo-Pac solid-waste handling system: an enclosed bagging system for the containment and easy handling of screenings, for small to medium size treatment plants.

Environmentally friendly.



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