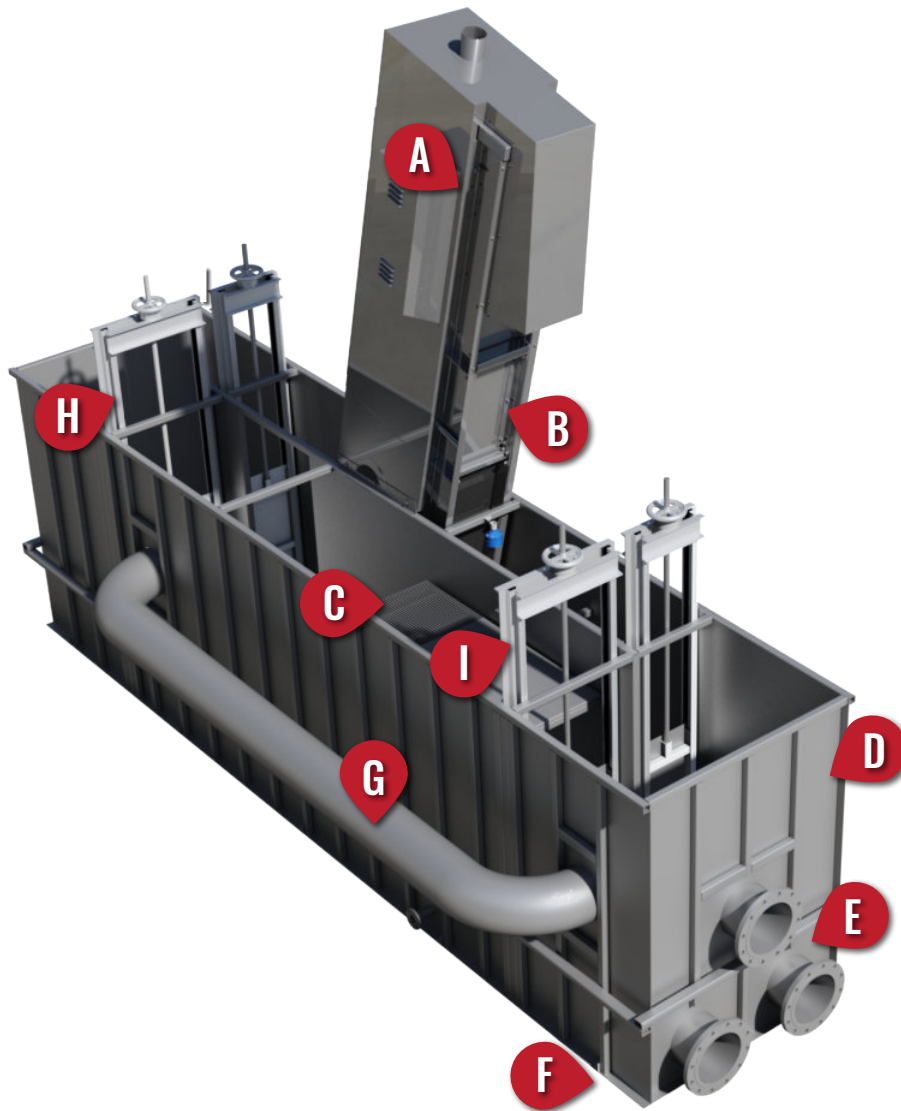


# HEADPAC™ HEADWORKS SYSTEM



- A:** Cloacina can use the Client's preferred screen manufacturer
- B:** Custom screen options include: single or dual screens, flow monitoring, step, coarse and fine screening, grit removal and washer and compactor
- C:** Manual bypass screen
- D:** 304 stainless steel tankage and components come standard

- E:** Multiple connection options
- F:** Structural hold downs for above-grade models
- G:** Overflow pipework
- H:** All equipment is factory-installed and undergoes rigorous Factory Acceptance Testing (FAT) as a complete system prior to shipping
- I:** Optional isolation valves

Prior to delivery, clients will be given exact connection points for power, communication, influent and effluent.

## PACKAGED HEADWORKS SYSTEM WITH A VARIETY OF SCREENING OPTIONS

# PRODUCT DESCRIPTION



Headworks have traditionally been constructed on-site and require a significant amount of engineering, bypassing of the waste stream and heavy civil and mechanical site work. Typically constructed from concrete and often unlined, they are costly and prone to rapid deterioration. Cloacina's HEADPAC™ Headworks System is fabricated almost entirely from stainless steel. This compact screening system removes inorganics from both domestic and industrial waste streams ahead of downstream treatment equipment through a variety of screening options. Clients select the desired screening method and options and a custom headworks system is designed and fabricated to meet the project specifications. The HEADPAC arrives as a complete unit ready to be installed with minimal site work and installation time. Cloacina's HEADPAC can be designed as a stand-alone system or can be integrated into existing treatment equipment and controls systems. All HEADPAC systems undergo rigorous Factory Acceptance Testing (FAT) as a complete system prior to shipping.

## TYPICAL PARAMETERS

CONSTITUENT	VALUE	UNITS
Flow	0 - 10,000,000 <sup>1</sup>	GPD

<sup>1</sup> Higher flows are available

## SCREEN OPTIONS

Single or dual screens, flow monitoring, step, coarse and fine screening, grit removal and washer and compactor

## INFLUENT TYPES

Domestic, industrial and stormwater waste streams

## INSTALLATION TYPES

Above-grade installation comes standard. Buried, partially-buried, elevated platform and retrofit models are also available.

## INTEGRATION

Can be a stand-alone system or integrated into existing controls systems

## TREATMENT SYSTEM COMPATIBILITY

Compatible with Sequencing Batch Reactor (SBR), Membrane Bioreactor (MBR), Conventional Activated Sludge (CAS), ponds, ox-ditch and stormwater systems