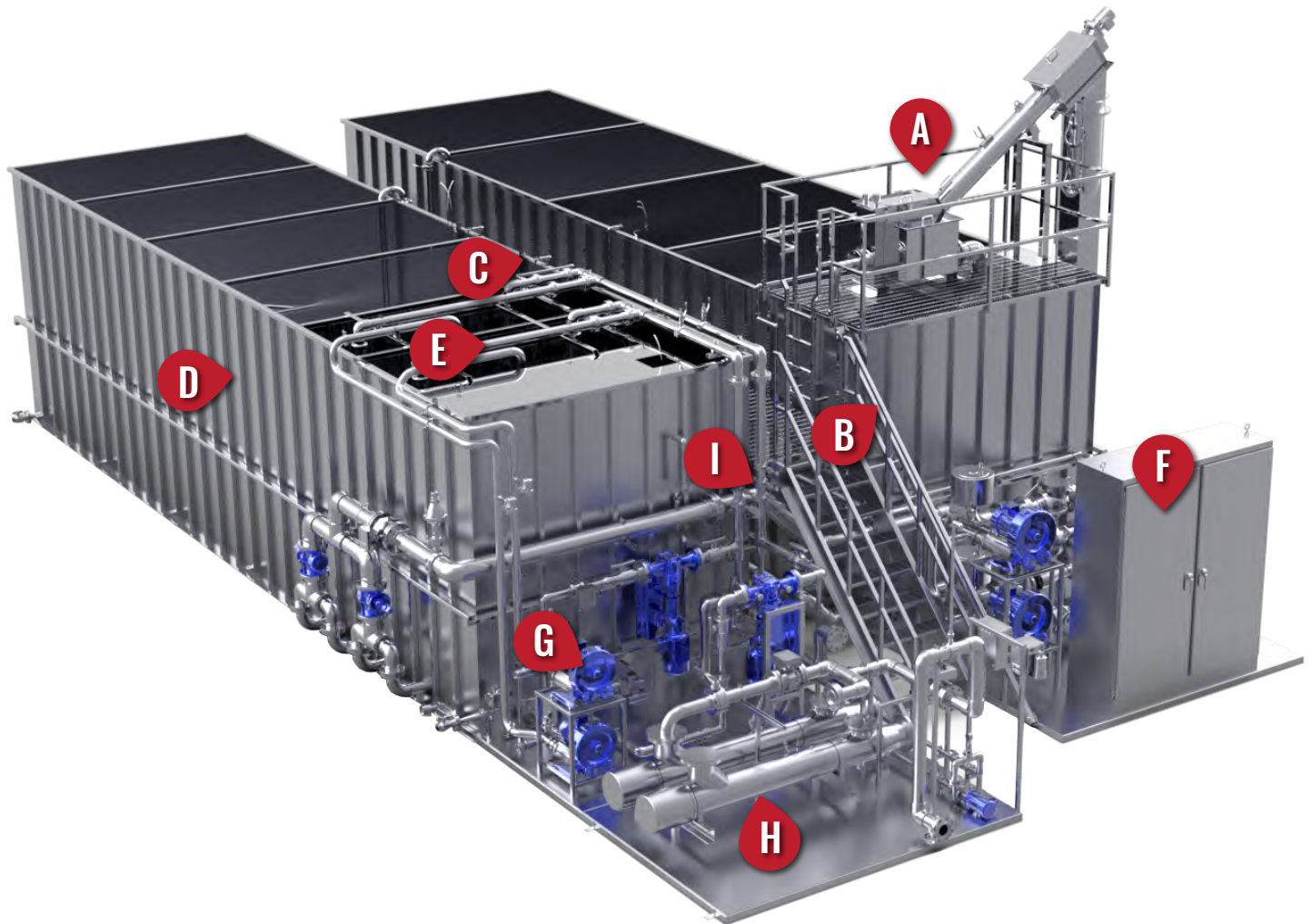


MEMPAC™ - S (SCALPING)

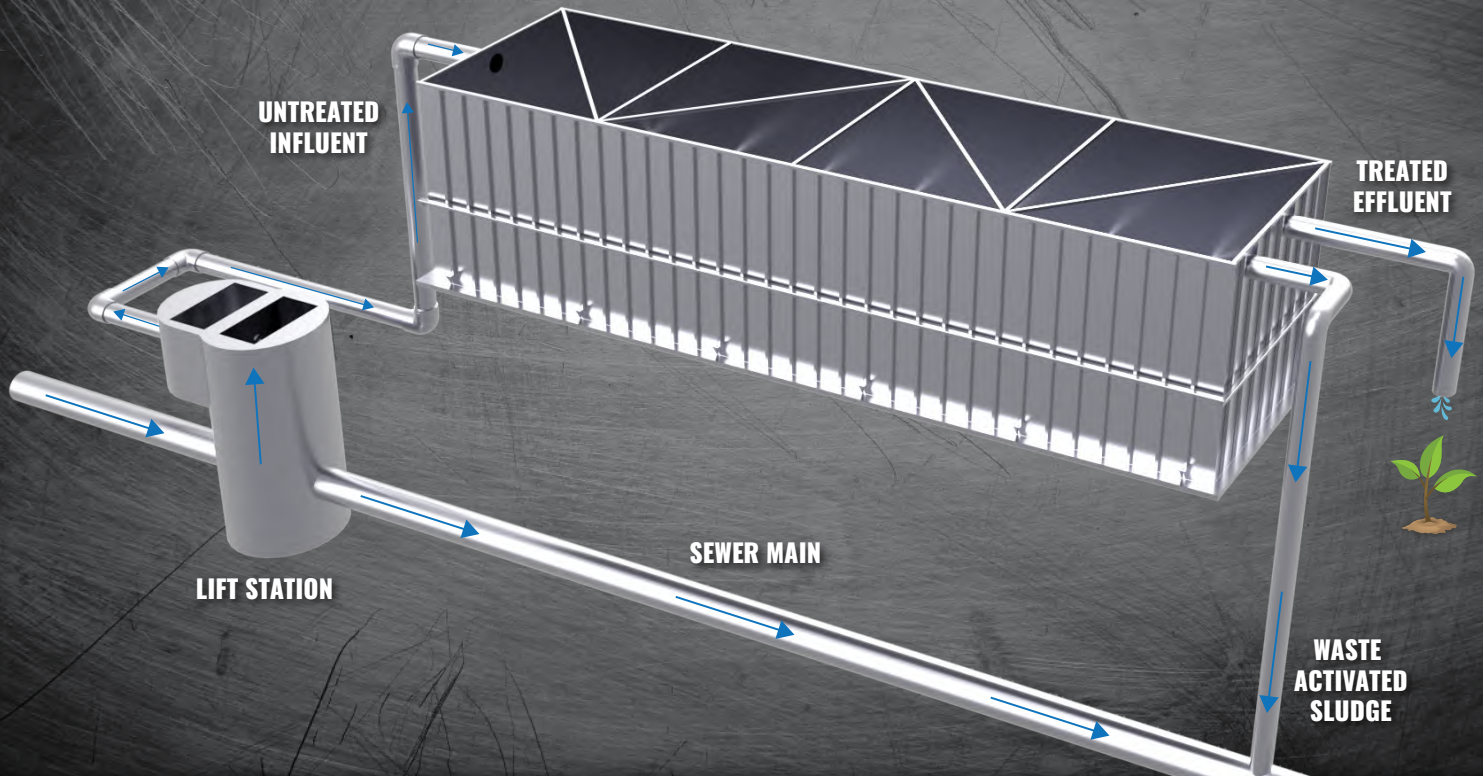


- A:** Integrated influent screen with washer and compactor
- B:** Aluminum stairs and platform(s)
- C:** All sensory equipment is mounted on the Cloacina Slide Rail System and is accessible from the inspection platform
- D:** Corrosion-resistant 304 stainless steel tankage and components come standard

- E:** Membrane filtration equipment is factory-installed and wet tested prior to shipping
- F:** The electrical panel and controls system are factory-installed and tested prior to shipping
- G:** Semi-sound attenuated blowers
- H:** Optional UV disinfection equipment
- I:** Automated Clean-In-Place (CIP) equipment

ONE OF OUR MOST REVOLUTIONARY PRODUCTS!

WHAT IS A SCALPING PLANT?



PRODUCT DESCRIPTION

Cloacina's MEMPAC-S (Scalping) is one of the most revolutionary products currently available in wastewater treatment. Untreated domestic wastewater is intercepted, pumped out of the gravity sewer into the MEMPAC-S, treated to reuse standards and then discharged to irrigate parks and common areas, used to offset agricultural, irrigation or commercial water usage or recharge groundwater supplies using direct injection. Untreated solids are returned to the sewer. A scalping plant is an alternative to centralized wastewater treatment that can provide secondary or tertiary treatment within a smaller facility.

In times of drought and mandatory water conservation measures, it is no longer responsible to irrigate sports complexes, flowerbeds and medians with potable water, nor is it tenable to continue to send a valuable resource to final discharge locations such as the ocean when communities are struggling to maintain groundwater balance. Fabricated from stainless steel, the MEMPAC-S can reclaim 100% of the treated effluent in accordance with Title 22 requirements or any other state or national regulations, lessening the strain on diminishing potable water and groundwater supplies. By performing treatment adjacent to the disposal location, a scalping plant is an affordable reuse option.

TYPICAL INFLUENT PARAMETERS			
CONSTITUENT	VALUE	UNITS	NOTES
Flow	1,000 - 1,000,000	GPD	
TSS	350	mg/L	
BOD5	360	mg/L	
Temperature	41 - 68	°F	Average
TN	60	mg/L	

TYPICAL EFFLUENT PARAMETERS			
CONSTITUENT	VALUE	UNITS	NOTES
pH	6.0 - 8.5		
BOD5	<10	mg/L	
TSS	<10	mg/L	
TN	<10	mg/L	

TYPICAL APPLICATIONS
Cities, districts, golf courses, PPP (Private/Public/Partnerships), corporations desiring water credit offsets, groundwater recharging or agricultural offset