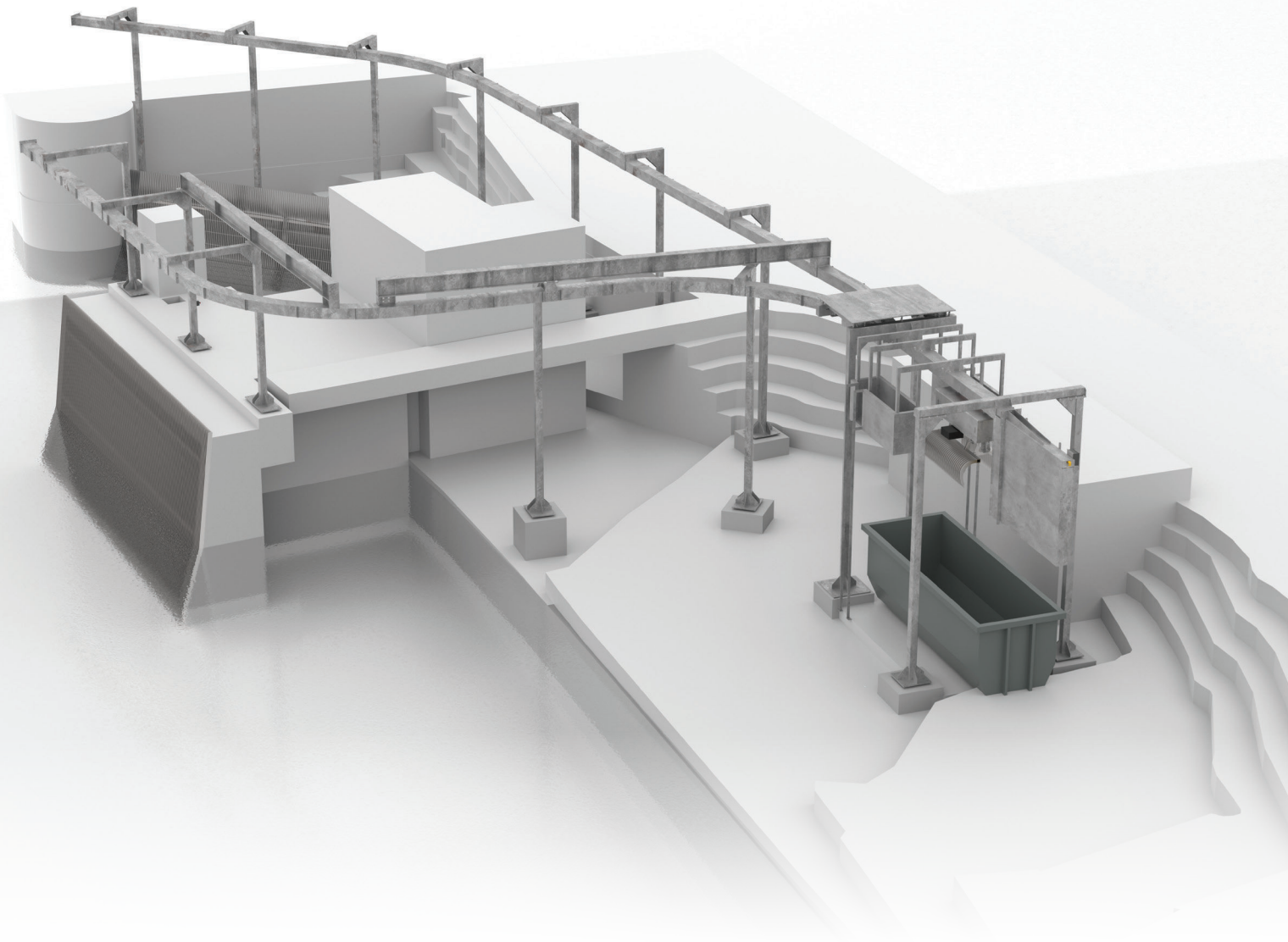


INLET WORKS

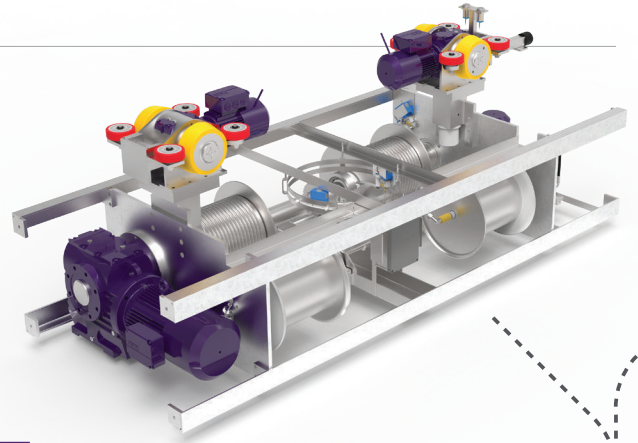
BRACKETT BOSKER™

AUTOMATIC RAKING MACHINE



Bringing water to life

EFFICIENT RAKING WITH OUR CUTTING-EDGE DESIGN



Removal Conveyance
and Loading-All in One



**TRANSFORM YOUR
INTAKE PROCESS WITH OUR
INNOVATIVE SOLUTIONS**



CUSTOMIZED CONFIGURATION OPTIONS

- **MONORAIL SYSTEMS**
Straight, Curved, Switch Tracks, S Curves
- **SUPPORT STRUCTURES**
"L" Columns, "H" Columns,
Large-Spanned Trusses
- **BRIDGE CRANES**
Single Axis, Dual Axis
- **ADVANCED PROGRAMMING**
Variable Cleaning, Wireless Control,
Speed Adjustment, Conditional Starts
- **OPERATIONAL EFFICIENCY**
Fully Automatic, Multiple Dumps,
Various Pick Depths, Shallow Picks
- **CIVIL ENGINEERING SOLUTIONS**
New, Wall, Deck, Ceiling, Low-Impact Retrofit
- **MATERIALS**
Hot-Dip Galvanized, 304 SS, 316 SS,
Aluminum Bronze
- **POWER OPTIONS**
Festoon, Hot Rail, Energy Chain
- **GRIPPER DESIGNS**
Standard, Rear Pivot, Perf Plate
- **ACTUATION METHODS**
Hydraulic, Mechanical
- **CLASSIFICATION**
Outdoor, Indoor, Nuclear,
Class 1 Div. 1, Class 1 Div. 2
- **BAR SCREENS**
Over 385' Deep, 0.5" to 6" Clear Opening,
0° Guided, 15° Unguided

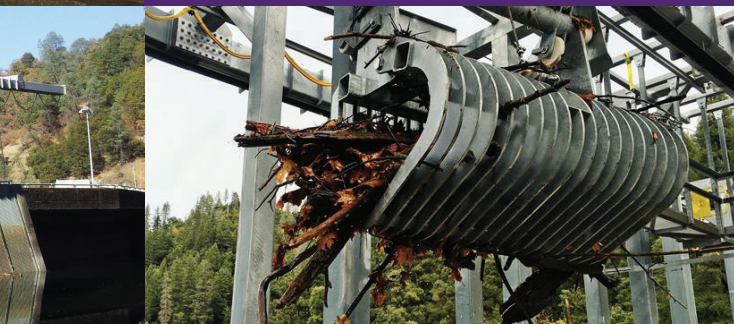


APPLICATIONS

Our systems are designed for municipal wastewater facilities, power stations (nuclear, fossil, and hydro), land and storm drainage pumping stations, and industrial pumping stations.

The Brackett Bosker™ automatic raking screen has evolved since its inception in 1960 in Holland, 25% of which is below sea level. In this region, pump protection is paramount. Our system ensures unparalleled reliability. Developed through Ovivo's 30 years of mechanical water filtration expertise, the Brackett Bosker penetrates the face of the bar screen, delivering deep, comprehensive cleaning.

With over 1,000 successful installations globally, our unique design and extensive field experience ensure reliable and economical performance for your operations.



Model	Light Duty		Heavy Duty	
	Metric	Imperial	Metric	Imperial
Safe working load	250 kg	550 lbs	500kg	1100 lbs
Standard Maximum Depths (for greater depths, contact Brackett Green)	7.0m	40'	15.0m	80'
Minimum Bar Spacing (smaller spacings possible with special "fine screening" grippers, (contact Brackett Green for details)	20mm	0.75"	30mm	1"
Maximum Bar Spacing 100mm 150mm				
Hoist Motor Size	2.2kw	3 HP	4.0kw	5.4 HP
Hoist Lifting Speed	20m/min	60'/min	20m	60'/min
Trolley Motor Size (straight/curved track)	0.37 /2x0.37Kw	.5HP/2 x .5 HP	0.37kw	.5HP/2 x .5 HP
Hydraulic Motor Size	1.5kw	2 HP	1.5kw	2 HP
Hydraulic Working Pressure (Au)	120 bar	1.300 PSI	120 bar	1.300 PSI
Weight of Trolley	300-400kg	800-1000 lbs	400-500kg	1000-1800 lbs
Weight of Gripper (minimum-maximum)	750kg	1650 lbs	1000kg	2200 lbs

Model	Super Duty		Ultra Duty	
	Metric	Imperial	Metric	Imperial
Safe working load	1000 kg	2200 lbs	3000kg	6600 lbs
Standard Maximum Depths (for greater depths, contact Brackett Green)	20m	80'	23.0m	80'
Minimum Bar Spacing (smaller spacings possible with special "fine screening" grippers, (contact Brackett Green for details)	30mm	1.5"	40mm	1.5"
Maximum Bar Spacing	150mm		250mm	
Hoist Motor Size	5.5kw	7.5 HP	7.5kw	10 HP
Hoist Lifting Speed	15m/min	50'/min	10m	35'/min
Trolley Motor Size (straight/curved track)	0.55Kw	.5HP/2 x .5 HP	2 x 0.75kw	2 x 1 HP
Hydraulic Motor Size	1.5kw	2 HP	1.5kw	2 HP
Hydraulic Working Pressure (Au)	120 bar	1.300 PSI	120 bar	1.700 PSI
Weight of Trolley	500-800kg	1100-2200 lbs	1000-1500kg	2200-3300 lbs
Weight of Gripper (minimum-maximum)	1200kg	2800 lbs	1500kg	3300 lbs

BRING US YOUR CHALLENGES

WE THRIVE ON INNOVATION

Let's collaborate to find the perfect solution for your needs.

FOR DESIGN AND QUOTE, PLEASE PROVIDE:

- Site pictures and location
- Number of bays
- Approximate width and depth of bay
- Approximate dump location
- Application type

ELEVATE YOUR OPERATIONS WITH THE BRACKETT BOSKER AUTOMATIC RAKING SYSTEM
— WHERE INNOVATION MEETS RELIABILITY.

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Bringing water to life