Process and Wastewater Equipment

AUQUIX™, LLC

"Technical Value is Performance"

PEWE SuperSkreens™

DESIGNED FOR INDUSTRIAL & MUNICIPAL APPLICATIONS

INTERNALLY FED

SIDE HILL

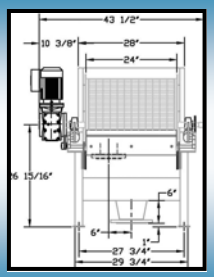
EXTERNALLY FED

APPLICATIONS

BAKERY	MEAT	PULP & PAPER
BREWERY	MINERAL	SEAFOOD
FORESTRY	MUNICIPAL	VEGETABLE
FRUIT	PETROCHEM	WINERY
FOOD PROCESS	POULTRY	WASTEWATER

FEATURES ON ALL MODELS

304 stainless steel
Wedgewire screen
HD tube framing
TEFC motors utilized
Spray cleaning bars



OPTIONS AVAILABLE

316 stainless steel
Screen design
Spray shield
Vapor enclosure
Headbox level sensor

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AUQUIX™, LLC

Side Hill Screens……*Simple, Economical*

PEWE SHS SuperSKreen Design:
The side hill screen system utilizes a parabolic wedgewire screen for separating coarse suspended solids from the water.

PEWE SHS Operation:
The side hill screen operates by feeding the solids laden influent water to the headbox. The water then flows over a distribution weir onto the steeply angled screen surface. Solids ride the screen to it's base and fall off at the discharge lip into a waiting receptacle for disposal. The water passes directly through the screen to a collection pan.

Application Type	Wedgewire Slot	Model SHS-12	SHS-24	SHS-36	Flow SHS-48	Capacity SHS-60	SHS-84	SHS-120
Brewery	.030"	75	180	270	360	450	630	900
Fruit & Veg	.020"	80	175	260	360	450	650	900
Meat	.040"	55	130	190	260	330	460	650
Mineral	.030"	60	140	210	280	360	500	720
Poultry	.060"	60	140	210	280	350	500	700
Forestry -Chips	.020"	100	200	300	400	500	700	1000
-Pulp	.040"	65	140	210	280	350	490	700

Externally Fed Screens……*Low Flow, Oily Solids*

Application Type	Wedgewire Slot	Model EFS-2512	EFS-2524	EFS-2536	Flow EFS-2548	Capacity EFS-2572	EFS-2596	EFS-25120
Bakery	.020"	110	240	360	480	720	960	1600
Seafood	.020"	50	120	180	240	360	480	690
Meat	.030"	90	210	340	450	680	900	1750
Municipal	.040"	350	700	1050	1400	2100	2800	4000
Poultry	.020"	70	220	280	380	560	750	1060
Pulp & Paper	.030"	145	340	520	690	1040	1390	2000

PEWE EFS SuperSkreen Design:
The external design utilizes a cylindrical wedge-wire screen for separating coarse suspended solids from the water.

PEWE EFS Operation:
The externally fed screen system operates by feeding the solids laden influent water to the headbox.. The water is then evenly distributed across the full length of the back upper outside surface of the rotating drum. The solids are picked up by the drum and carried to a fixed doctor blade for removal. The water passes through the drum and flows out the bottom, helping to flush the screen as it passes. Scraped solids are deposited in a waiting receptacle.

Internally Fed Screens……*High Flow, High Solids*

PEWE IFS SuperSkreen Design:
The internal design utilizes a cylindrical wedge-wire screen for separating coarse suspended solids from the water.

PEWE IFS Operation:
The internally fed screen system operates by feeding the solids laden influent water to the headbox.. The water is then distributed evenly onto the interior sidewalls of the rotating drum. Solids collect onto the interior drum surface as the water passed through the screen into a catch pan. Flights convey the solids forward, further dewatering them as they "roll up" and out the end of the barrel.

Application Type	Wedgewire Slot	Model IFS-1824	IFS-2436	IFS-3672	Flow IFS-36120	Capacity IFS-48120	IFS-60120	IFS-60160
Fruit & Veg	.030"	80	200	800	1350	1700	3000	4500
Seafood	.020"	60	160	590	950	1400	2300	3000
Meat	.030"	60	175	625	1050	1500	2400	3150
Municipal	.040"	90	400	1800	2800	4150	6750	8500
Poultry	.020"	60	160	590	1000	1400	2400	3150
Pulp & Paper	.030"	90	175	600	1100	1650	2200	2900
Petroleum	.010"	60	105	490	950	1250	2000	2750

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