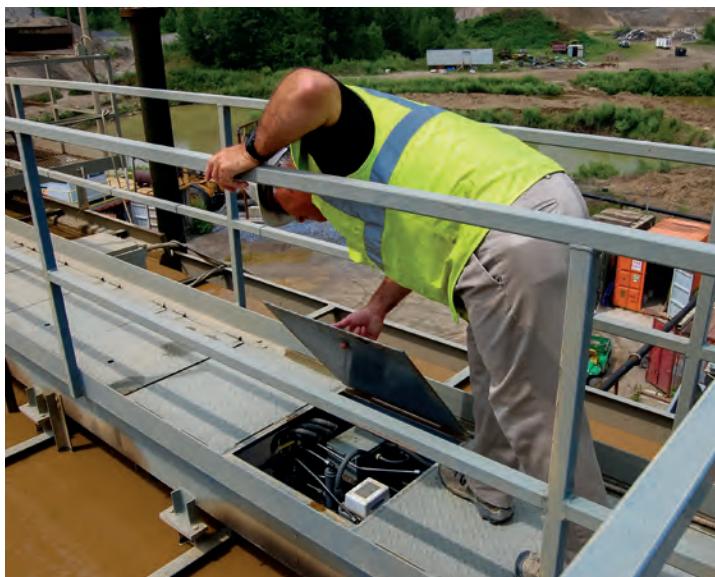




CLASSIFYING TANK

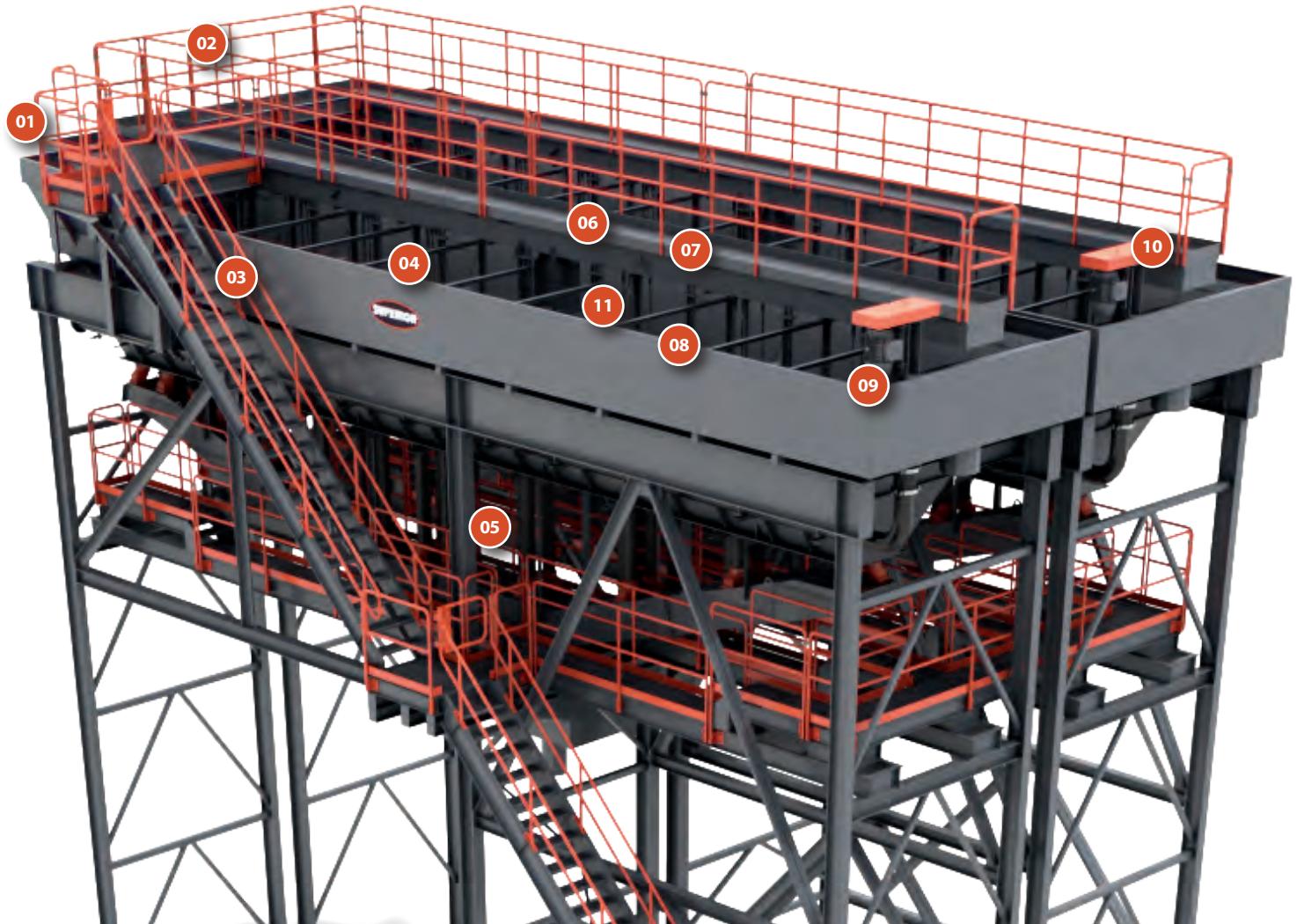
Remove excess water and classifies feed into multiple spec products.



APPLICATIONS

- » Convert variable feed to in-spec products
- » Produce three uniform products from single feed
- » Make (2) spec and (1) excess product
- » Scalp excess water from dredge feed
- » Downstream dewatering efficiency
- » Stationary, skid-mounted or portable
- » 6-11 stations per tank

FEATURES



01/ AR LINED FEEDBOX

Standard abrasion resistant steel lining shields feedbox and trough from wear.

02/ SLOPED FEEDBOX

Slanted design promotes better flow of material to tank.

03/ STAIRS/WALKWAY

Compared to ladders, stairs and walkways offer simple, safe access to tank components.

04/ HIGH CAPACITY TANK

1/4" sides and end plates with 1/2" bottom.

05/ AR LINED BLENDING FLUME

Collects material.

06/ FULL-LENGTH VALVE BRIDGE

Raised at least 4" (101mm) more than competitors to prevent water from damaging mechanical parts.

07/ HINGED WALKWAY PLATES

Easily swing open to access mechanical valve stations below walkway.

08/ ADJUSTABLE WEIR

Adjust up or down to maximize fines retention.

09/ OVERFLOW

Wraps around three sides.

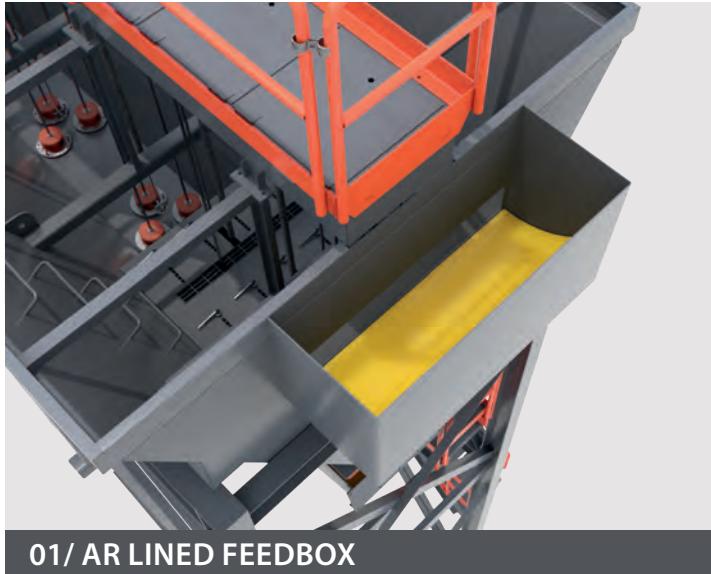
10/ RECIRCULATING PUMP

Pump to minimize water usage by recycling the classifying tank overflow to the rising current cells.

11/ RISING CURRENT CELLS

Improves separation efficiency by keeping the lighter material in suspension while letting heavier particles settle.

HIGHLIGHTS



01/ AR LINED FEEDBOX



04/ HIGH CAPACITY TANK



06/ FULL-LENGTH VALVE BRIDGE



07/ HINGED WALKWAY PLATES



09/ OVERFLOW



10/ RECIRCULATING PUMP

MODELS



STATIONARY

- » 8' x 20' to 12' x 48'
- » (2.4m x 6.0m) to (3.6m x 14.6m)
- » Single or double tanks
- » 6-22 stations
- » Valve bridge walkway with railings
- » AR lined blending flumes and feedboxes
- » Urethane valves, seats and discharge elbows
- » Self-Aligning valves and seats
- » Onsite spec testing and control system training



SEMI-PORTABLE

- » 8' x 24' to 12' x 48'
- » (2.4m x 7.3m) to (3.6m x 14.6m)
- » Skid-mounted, modular design
- » 7-11 stations
- » Aggredry® Washer or Fines Material Washer
- » Produce (2) individual products or
- » Produce maximum primary product
- » Prewired plant



PORTABLE

- » 8' x 24' to 10' x 40'*
- » (2.4m x 7.3m) to (3.0m x 12.1m)
- » Fifth wheel hitch
- » 7-11 stations
- » Aggredry® Washer or Fines Material Washer
- » Air brakes
- » Lights
- » Hydraulic leveling jacks
- » Prewired plant

* Larger than 8' x 32' tanks have to be disassembled prior to transport.

AGGRESPEC® CONTROL SYSTEMS



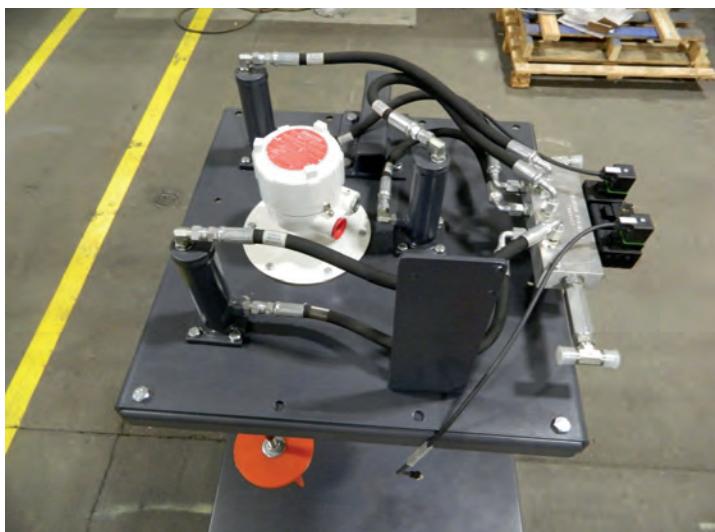
AGGRESPEC® III CONTROL SYSTEM

- » Microsoft Windows-based control system is familiar and easy to use
- » Up to 15% more productivity than single method programs
- » Automatically create and maintain tight specifications
- » Control from remote location (i.e. home or office)
- » Store and recall unlimited number of mixes
- » Program automatic tank cleanout
- » Patented twin tank control operates up to 22 stations
- » Retrofit to competitor tanks
- » Excellent for dredge and natural sand feeds



AGGRESPEC® I CONTROL SYSTEM

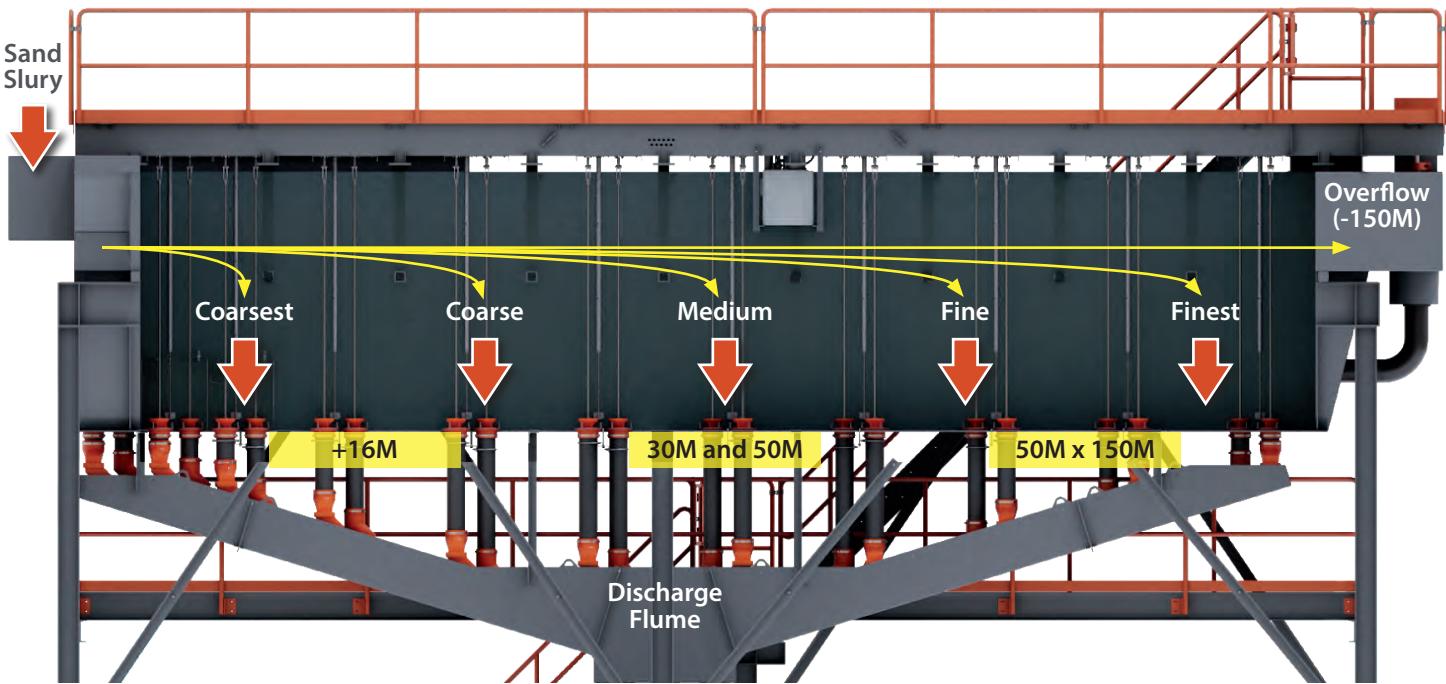
- » Operate from simplified PLC panel
- » Touch screen
- » Manual calculations directs product in tank
- » Monitor and adjust essential parameters
- » Excellent for quarry applications



VALVE STATION

- » Just below the valve bridge
- » High pressure hydraulic hoses
- » Encourages faster valve opening/closing
- » Achieve more precise spec

HOW IT WORKS



» Sand enters tank and flows along its length. Particles drop out as the velocity of the water slows and allows them to drop.

STATIONARY CLASSIFIER SPECIFICATIONS

Tank Size ft (m)	Stations	Estimated Tank Weight lbs. (kg)	Estimated Support Structure Weight* lbs. (kg)	Water Capacity GPM (m³/hr)	100 Mesh (150 µm)	150 Mesh (113 µm)	200 Mesh (75 µm)
Single Tank							
8' x 20' (2 x 6)	6	12,000 (5,443)	12,440 (5,643)	2,300 (522)	1,200 (272)	N/A	
8' x 24' (2 x 7)	7	14,000 (6,350)	12,840 (5,824)	2,800 (635)	1,400 (318)	N/A	
8' x 28' (2 x 9)	8	16,000 (7,258)	13,000 (5,897)	3,200 (726)	1,600 (363)	N/A	
8' x 32' (2 x 10)	9	18,000 (8,165)	14,180 (6,432)	3,500 (794)	1,800 (408)	N/A	
10' x 24' (3 x 7)	7	18,000 (8,165)	13,800 (6,260)	3,500 (794)	1,800 (408)	N/A	
10' x 28' (3 x 9)	8	20,000 (9,072)	14,000 (6,350)	4,100 (931)	2,100 (477)	N/A	
10' x 32' (3 x 10)	9	24,000 (10,886)	15,200 (6,895)	4,700 (1,067)	2,400 (545)	1,250 (283)	
10' x 36' (3 x 11)	10	28,000 (12,701)	16,500 (7,484)	5,300 (1,204)	2,700 (613)	1,400 (318)	
10' x 40' (3 x 12)	11	30,000 (13,608)	18,000 (8,165)	5,900 (1,340)	3,000 (681)	1,500 (340)	
12' x 48' (4 x 15)	11	44,000 (19,958)	23,600 (10,705)	8,100 (1,840)	4,200 (953)	2,150 (488)	

Double Tank

10' x 32' (3 x 10)	9	48,900 (22,181)	30,300 (13,744)	9,400 (2,135)	4,800 (1,090)	2,500 (567)
10' x 36' (3 x 11)	10	53,000 (24,040)	32,700 (14,833)	10,600 (2,408)	5,400 (1,226)	2,800 (635)
10' x 40' (3 x 12)	11	56,000 (25,401)	35,200 (15,967)	11,800 (2,680)	6,000 (1,363)	3,000 (681)
12' x 48' (4 x 15)	11	86,000 (39,009)	48,200 (21,863)	16,200 (3,679)	8,400 (1,908)	4,300 (976)

*One chute, one walkway and one stairs

SEMI-PORTABLE CLASSIFIER SPECIFICATIONS

Tank Size ft (m)	Stations	Estimated Weight lbs. (kg)	Screw Size in x ft (mm x m)	Capacity TPH (MTPH)	Water Capacity GPM (m³/hr)		
					100 Mesh (150 µm)	150 Mesh (113 µm)	200 Mesh (75 µm)
Semi-Portable Classifier with Fine Material Washer - Triple Flume							
8' x 24'(2 x 7)	7	40,000 (18,143)	Twin 36" x 25' (914 x 7)	200 (181)	2,800 (635)	1,400 (318)	N/A
8' x 28'(2 x 9)	8	42,000 (19,050)	Twin 36" x 25' (914 x 7)	200 (181)	3,200 (726)	1,600 (363)	N/A
8' x 32'(2 x 10)	9	48,500 (21,999)	Twin 36" x 25' (914 x 7)	200 (181)	3,500 (794)	1,800 (408)	N/A
10' x 24'(3 x 7)	7	50,000 (22,679)	Twin 36" x 25' (914 x 7)	200 (181)	3,500 (794)	1,800 (408)	N/A
10' x 28'(3 x 9)	8	51,000 (23,133)	Twin 36" x 25' (914 x 7)	200 (181)	4,100 (931)	2,100 (477)	N/A
10' x 32'(3 x 10)	9	51,500 (23,360)	Twin 36" x 25' (914 x 7)	200 (181)	4,700 (1,067)	2,400 (545)	1,250 (283)
10' x 36'(3 x 11)	10	58,500 (26,535)	Twin 36" x 25' (914 x 7)	200 (181)	5,300 (1,204)	2,700 (613)	1,400 (318)
10' x 40'(3 x 12)	11	63,000 (28,576)	Twin 36" x 25' (914 x 7)	200 (181)	5,900 (1,340)	3,000 (681)	1,500 (340)
8' x 32'(2 x 10)	9	60,000 (27,216)	Twin 44" x 32' (1,118 x 10)	350 (318)	3,500 (794)	1,800 (408)	950 (215)
10' x 32'(3 x 10)	9	64,500 (29,257)	Twin 44" x 32' (1,118 x 10)	350 (318)	4,700 (1,067)	2,400 (545)	1,250 (283)
10' x 36'(3 x 11)	10	67,000 (30,391)	Twin 44" x 32' (1,118 x 10)	350 (318)	5,300 (1,204)	2,700 (613)	1,400 (318)
10' x 40'(3 x 12)	11	68,000 (30,844)	Twin 44" x 32' (1,118 x 10)	350 (318)	5,900 (1,340)	3,000 (681)	1,500 (340)
10' x 40'(3 x 12)	11	97,000 (43,999)	Twin 54" x 35' (1,372 x 11)	550 (500)	5,900 (1,340)	3,000 (681)	1,500 (340)
10' x 40'(3 x 12)	11	132,000 (59,874)	Twin 66" x 35' (1,676 x 11)	800 (725)	5,900 (1,340)	3,000 (681)	1,500 (340)
12' x 48'(4 x 15)	11	91,000 (41,277)	Twin 44" x 32' (1,118 x 10)	350 (318)	8,100 (1,840)	4,200 (953)	2,150 (488)
12' x 48'(4 x 15)	11	116,000 (52,617)	Twin 54" x 35' (1,372 x 11)	550 (500)	8,100 (1,840)	4,200 (953)	2,150 (488)
12' x 48'(4 x 15)	11	150,000 (68,039)	Twin 66" x 35' (1,676 x 11)	800 (725)	8,100 (1,840)	4,200 (953)	2,150 (488)
12' x 48'(4 x 15)	11	175,000 (79,379)	Twin 72" x 35' (1,829 x 11)	950 (861)	8,100 (1,840)	4,200 (953)	2,150 (488)
Semi-Portable Classifier with Aggredry® Dewatering Washer							
8' x 24'(2 x 7)	7	54,000 (24,494)	Twin 36" (914)	200 (181)	2,800 (635)	1,400 (318)	N/A
8' x 28'(2 x 9)	8	56,000 (25,401)	Twin 36" (914)	200 (181)	3,200 (726)	1,600 (363)	N/A
8' x 32'(2 x 10)	9	62,500 (28,350)	Twin 36" (914)	200 (181)	3,500 (794)	1,800 (408)	N/A
10' x 28'(3 x 9)	7	64,000 (29,030)	Twin 36" (914)	200 (181)	4,100 (931)	2,100 (477)	N/A
10' x 32'(3 x 10)	8	65,000 (29,483)	Twin 36" (914)	200 (181)	4,200 (953)	2,400 (545)	1,250 (283)
10' x 36'(3 x 11)	9	65,500 (29,710)	Twin 36" (914)	200 (181)	5,300 (1,204)	2,700 (613)	1,400 (318)
10' x 40'(3 x 12)	10	72,500 (32,885)	Twin 36" (914)	200 (181)	5,900 (1,340)	3,000 (681)	1,500 (340)
8' x 32'(2 x 10)	9	78,000 (35,380)	Twin 48" (1,219)	400 (363)	5,300 (1,204)	1,800 (408)	950 (215)
10' x 32'(3 x 10)	9	82,500 (37,421)	Twin 48" (1,219)	400 (363)	4,700 (1,067)	2,400 (545)	1,250 (283)
10' x 36'(3 x 11)	10	85,000 (38,555)	Twin 48" (1,219)	400 (363)	5,300 (1,204)	2,700 (613)	1,400 (318)
10' x 40'(3 x 12)	11	86,000 (39,009)	Twin 48" (1,219)	400 (363)	5,900 (1,340)	3,000 (681)	1,500 (340)
10' x 40'(3 x 12)	11	140,000 (63,503)	Twin 66" (1,676)	800 (725)	5,900 (1,340)	3,000 (681)	1,500 (340)
12' x 48'(4 x 15)	11	109,000 (49,442)	Twin 48" (1,219)	400 (363)	8,100 (1,840)	4,200 (953)	2,150 (488)
12' x 48'(4 x 15)	11	158,000 (71,668)	Twin 60" (1,524)	600 (544)	8,100 (1,840)	4,200 (953)	2,150 (488)

FULLY-PORTABLE CLASSIFIER SPECIFICATIONS

Tank Size ft (m)	Stations	Estimated Weight lbs. (kg)	Screw Size in x ft (mm x m)	Capacity TPH (MTPH)	Axe/Tires	Water Capacity GPM (m³/hr)		
						100 Mesh (150 µm)	150 Mesh (113 µm)	200 Mesh (75 µm)
Fully Portable Classifier with Fine Material Washer - Triple Flume								
8'x 24'(2 x 7)	7	50,000 (22,679)	Twin 36" (914)*	200 (181)	2/8 or 3/12	2,800 (0.17)	1,400 (0.08)	N/A
8'x 28'(2 x 9)	8	51,000 (23,133)	Twin 36" (914)*	200 (181)	2/8 or 3/12	3,200 (0.20)	1,600 (0.10)	N/A
8'x 32'(2 x 10)	9	52,000 (23,587)	Twin 36" (914)*	200 (181)	2/8 or 3/12	3,500 (0.22)	1,800 (0.11)	950 (0.05)
8'x 32'(2 x 10)	9	73,500 (33,339)	Twin 44" (1,118)*	350 (318)	3/12	3,500 (0.22)	1,800 (0.11)	950 (0.05)
10'x 28'(3 x 9)	8	81,000 (36,741)	Twin 44"x 32' (1,118 x 10)	350 (318)	3/12	4,100 (0.25)	2,100 (0.13)	N/A
10'x 32'(3 x 10)	9	86,000 (39,009)	Twin 44"x 32' (1,118 x 10)	350 (318)	3/12	4,700 (0.29)	2,400 (0.15)	1,250 (0.07)
10'x 36'(3 x 11)	10	88,000 (39,916)	Twin 44"x 32' (1,118 x 10)	350 (318)	3/12	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)
10'x 40'(3 x 12)	11	95,000 (43,091)	Twin 44"x 32' (1,118 x 10)	350 (318)	3/12	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)

*Screw length dependant of number of axles required therefore will be 25-ft or 28-ft.



DENSITY SIZER

Separates material for extremely precise classification of products.



APPLICATIONS

- » Extremely sharp classification
- » Cut range between 30-100 mesh
- » Separates by size or specific gravity
- » Lightweight material discharges over weir
- » Heavier, coarser sand exits bottom
- » -4 mesh maximum feed size
- » Split point easily adjusted

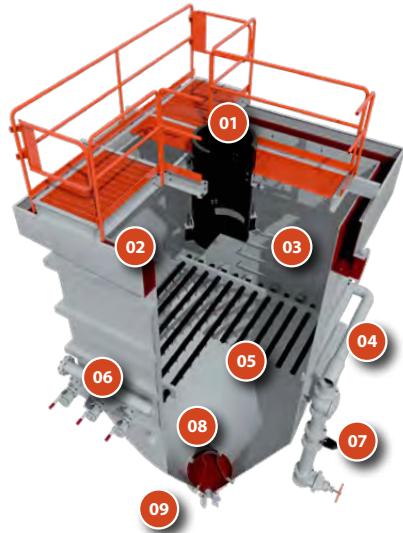


Rock Face to Load Out®



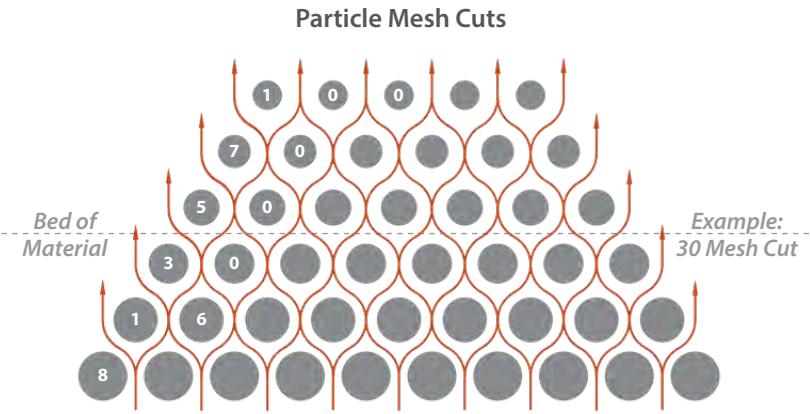
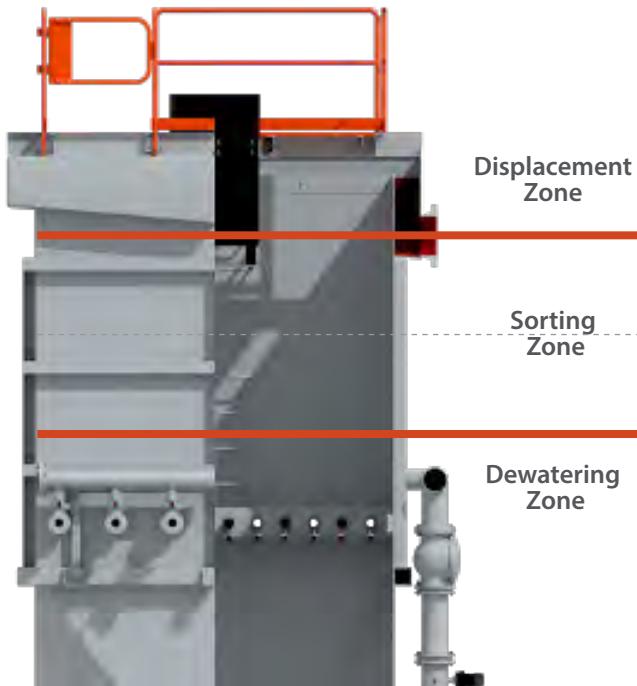
Patented Technology

FEATURES



- | | |
|---|---|
| 01/ FEED WELL
Radially distributes material | 06/ FLUSH VALVES
Maintenance spray bars without the need of entering the tanks |
| 02/ MAGNETIC URETHANE LINING IN WEIR | 07/ GATE VALVE AND FLOW METER
Monitor and control water flow |
| 03/ INTEGRATED LADDER FOR TANK ACCESS | 08/ URETHANE LINED DISCHARGE CONE
Bolt-on replaceable lined cone |
| 04/ U-SHAPED WATER MANIFOLD
Ensures equal pressure water distribution | 09/ PATENTED CONICAL LOWER CONE DESIGN
Provides an even discharge flow of material and prevents buildup |
| 05/ SPRAY BARS
Spray bar with nozzles to establish rising current | |

HOW IT WORKS



As particles are distributed throughout the sorting zone, depending on their density and size, the heavier particles settle through the dense medium. The lighter particles are hydraulically transported to the overflow.

OPERATING DIMENSIONS

	Size	Settling Area	Feed Capacity		Water Required	
	m (ft)	m ² (ft ²)	MTPH	STPH	m ³ /hr	GPM
DS4x4	1.2 x 1.2 (4 x 4)	1.5 (16)	14 - 60	15 - 65	23 - 57	100 - 250
DS6x6	1.8 x 1.8 (6 x 6)	3.5 (36)	32 - 132	35 - 145	51 - 128	225 - 565
DS7x7	2.1 x 2.1 (7 x 7)	4.6 (49)	41 - 177	45 - 195	68 - 174	300 - 765
DS8.5x8.5	2.6 x 2.6 (8.5 x 8.5)	6.8 (73)	62 - 272	68 - 300	102 - 261	142 - 355
DS10x10	3.1 x 3.1 (10 x 10)	9.3 (100)	84 - 363	93 - 400	142 - 355	625 - 1,560

The Superior Density Sizer can accept feed with a top size of 5mm and offers tight control over particle separation between 149-595µm. Feed rates and water requirements are dependent on gradation of material. Finer particles require more time to settle and lower feed rates are required.



HELIX® CYCLONE

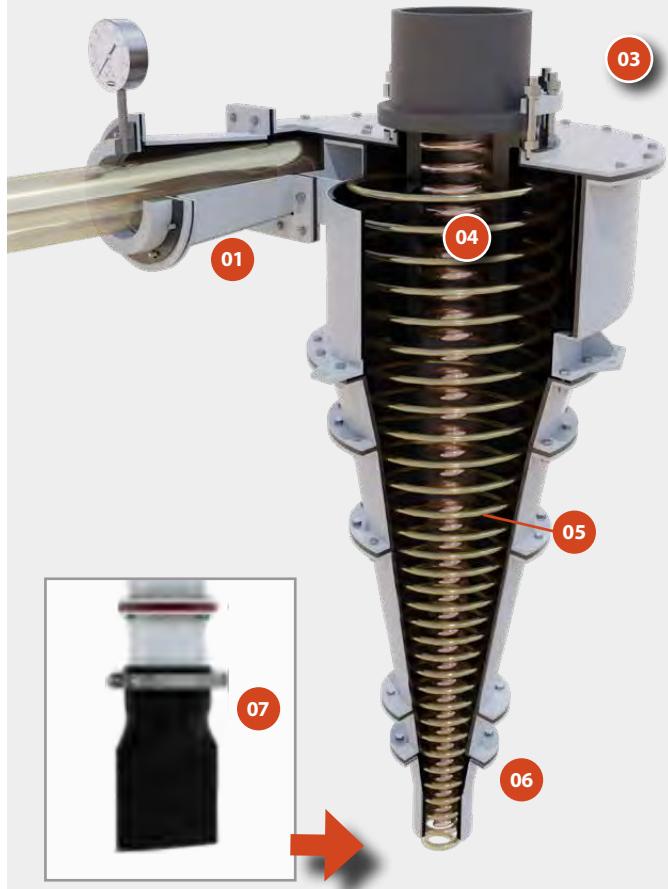
Removing unwanted contaminants and recover fines otherwise lost to pond.



APPLICATIONS

- » Removes unwanted silts and clays
- » Reduces fines normally lost to pond
- » Dewater product

FEATURES



24" (610 MM) SAND PRODUCTION MODEL

01/ FEED PIPE

Square to round transition made of high wear urethane.

02/ GEOMETRICALLY EFFICIENT INLET

Reduces turbulence of feed, which improves classification, and lowers internal wear. Patent pending.

03/ OVERFLOW PIPE

Designed with abrasive-resistant HDPE material.

04/ VORTEX FINDER

Prevents short-circuiting (less misplacement of coarse material to the overflow.)

05/ URETHANE/RUBBER LINING

Fines recovery models cast of 100% urethane, while sand production models have a steel case and urethane or rubber lining to withstand high pressure.

06/ PATENT PENDING APEX

Custom-cut for quick, in-the-field application adjustments.

07/ OPTIONAL SIPHON ASSIST

Typical cyclone discharge is 50-65% solids. The optional siphon assist can reduce discharge moisture as low as 75% solids.



02/ GEOMETRICALLY EFFICIENT INLET



07/ OPTIONAL SIPHON ASSIST

MODELS



SAND PRODUCTION MODELS

- » Structural steel with urethane or rubber liner
- » 200 mesh standard cut point



FINES RECOVERY MODELS

- » Available in 100% cast urethane
- » 400 mesh standard cut point

APPLICATIONS



SIZING

- » Produce necessary cut
- » Reduce water and turbulence for downstream equipment



DEWATER & DESLIME

- » Reduce water/silt to operation
- » Reduce water and turbulence for downstream equipment



FINES RECOVERY

- » Recover 400 mesh plus particles
- » Reduce fines going to pond

SPECIFICATIONS

Model Number	Construction	Cyclone Diameter		Cone Angle	Inlet Diameter		VF Diameter		Inlet Pressure		Flow Rate		% Solids	Feed Capacity	
		in	mm		in	mm	in	mm	psi	kPa	gpm	m³/hr			
FINES RECOVERY															
1210CYC	1" (25.4mm) thick Cast Urethane	12	300	10°	4	100	4.6 - 5.8	110 - 140	12 - 25	90 - 400	400 - 750	100 - 180	10%	20	18
1610CYC	1" (25.4mm) thick Cast Urethane	16	400	10°	6	150	6 - 7.6	150 - 190	12 - 25	90 - 800	800 - 1,100	190 - 250	10%	30	27
SAND PRODUCTION															
1220CYC	Structural steel with 1/2" (25mm) thick urethane liner	12	300	20°	4	100	4.6 - 6	110 - 140	10 - 20	70 - 140	400 - 700	100 - 160	20%	40	36
1630CYC	Structural steel with 1/2" (25mm) thick urethane liner	16	400	30°	6	150	6.0 - 8	150 - 190	10 - 20	70 - 140	700 - 1,100	160 - 250	25%	80	73
2030CYC	Structural steel with 1/2" (25mm) thick rubber vs urethane liner	20	500	30°	6	150	7.5 - 9	190 - 230	10 - 20	70 - 140	800 - 1,400	190 - 320	25%	100	91
2430CYC	Structural steel with 1/2" (25mm) thick rubber vs urethane liner	24	600	30°	8	200	8.9 - 11	220 - 280	10 - 20	70 - 140	1,400 - 2,000	320 - 460	25%	150	137
3030CYC	Structural steel with 1/2" (25mm) thick rubber vs urethane liner	30	760	30°	10	250	11.2 - 14	280 - 350	10 - 20	70 - 140	2,200 - 3,400	500 - 780	25%	250	228



SPIRIT® SAND PLANT

Structural package consisting of sump pump, cyclone and dewatering screen.



HELIX® CYCLONE SEPARATES COARSE & FINE

APPLICATIONS

- » Modular, easy to assemble plant
- » Combination of cyclone, dewatering screen, sumps and pumps
- » Sand production or fines recovery
- » Recover ultrafines from wastewater
- » Reduce solids going to waste pond
- » Consistently produce sharp cuts
- » Ability to ship in container



SPIRIT PLANT FEATURES



DEWATERING SCREEN

+/- 2° ADJUSTABLE DECK

Fine tune the angle of the deck for more or less dewatering.

URETHANE SIDEWALL MEDIA

Remove moisture from top and sides of material for drier product.

3-PIECE ADJUSTABLE DAM

Tunable dam to control bed depth at discharge.

HELIX® CYCLONE

FEED INLET

Square to round transition made of high wear urethane.

GEOMETRICALLY EFFICIENT INLET

Reduces turbulence to improve classification and lower internal wear.

OVERFLOW PIPE

Designed with high-wear HDPE material.

VORTEX FINDER

Prevents short-circuiting (less misplacement of coarse material to the overflow).

URETHANE LINING

Fines recovery models cast of 100% urethane, while sand production models have a steel case and urethane or rubber lining.

SUMP TANK

INTERNAL BAFFLE

Reduces turbulence for more consistent, uniform flow.

BOTTOM PLATE

Sloped design allows even material flow to pump.

CLEANOUT FLANGE

Bolt flange design simplifies access for cleanout.

ACCESS PANEL

Removable for easy access to sump.

SUMP AUTO LEVEL

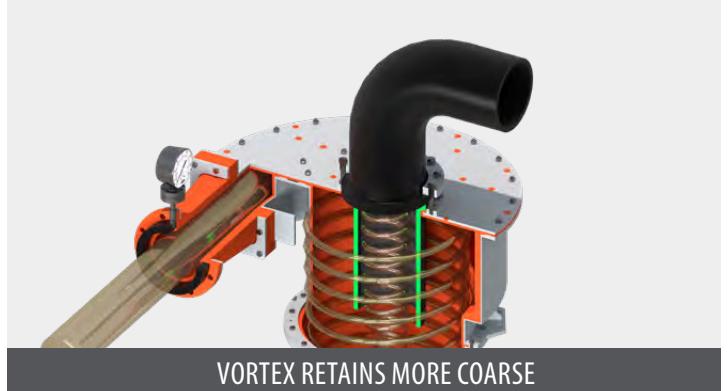
Stand alone automated sump level system with controller, sensor and valve.

FINES RECOVERY SPECIFICATIONS

Model Number	Percent Solids	Flow Rate	Screen Size		Screen Area		Screen Motor		Cyclone Diameter			Pump Size		Pump Motor		Sump Capacity		Total Horsepower	
			GPM	m	ft	m ²	ft ²	kW	hp	mm	in	QTY	m	ft	kW	hp	m ³	gal	kW
FR600	0-10%	600	0.9 x 2.4	3 x 8	5.4	110	(2) 5.3	(2) 7.0	310	12	1	150 x 100	6 x 4	22	30	4	1,000	33	44
FR1200	0-10%	1200	0.9 x 2.4	3 x 8	5.4	110	(2) 5.3	(2) 7.0	310	12	2	150 x 100	6 x 4	37	50	4	1,000	48	64
FR1800	0-10%	1800	1.2 x 2.4	4 x 8	6.4	165	(2) 5.3	(2) 7.0	310	12	3	200 x 150	8 x 6	56	75	8	2,000	66	89
FR2700	0-10%	2700	1.2 x 2.4	4 x 8	6.4	165	(2) 5.3	(2) 7.0	410	16	3	250 x 200	10 x 8	75	100	8	2,000	85	114
FR3600	0-10%	3600	1.2 x 2.4	4 x 8	6.4	250	(2) 5.3	(2) 7.0	410	16	4	250 x 200	10 x 8	112	150	11	3,000	122	164
FR4500	0-10%	5400	1.5 x 3.0	5 x 10	8.8	176	(2) 8.6	(2) 11.4	410	16	5	300 x 250	12 x 10	149	200	15	4,000	160	214
FR5400	0-10%	5400	1.5 x 3.0	5 x 10	8.8	250	(2) 8.6	(2) 11.4	410	16	6	350 x 300	14 x 12	149	200	15	4,000	160	214



INLET DESIGN* REDUCES TURBULANCE



VORTEX RETAINS MORE COARSE

* Patent pending

SAND PRODUCTION SPECIFICATIONS

Model Number	Feed Capacity		Screen Size		Screen Area		Screen Motor		Sump Capacity		Cyclone Diameter		Water Required		Pump Size		Pump Motor		Total Horsepower		
	MTPH	STPH	m	ft	m ²	ft ²	kW	hp	m ³	gal	mm	in	m ³ /hr	gpm	m	ft	kW	hp	kW	hp	
SP70	Standard	64	70	0.9 x 2.4	3 x 8	5.4	58	(2) 5.3	(2) 7.0	3.8	1,000	410	16	160	700	150 x 100	6 x 4	29.9	40	40	54
	High Volume											510	20	230	1,000	150 x 100	6 x 4	37.3	50	48	64
SP100	Standard	91	100	1.2 x 2.4	4 x 8	6.3	68	(2) 5.3	(2) 7.0	7.6	2,000	510	20	230	1,500	150 x 100	6 x 4	56	75	66	89
	High Volume											610	24	350	1,500	200 x 150	8 x 6	56	75	66	89
SP150	Standard	137	150	1.5 x 3.0	5 x 10	8.7	94	(2) 8.6	(2) 11.4	11.4	3,000	610	24	350	1,500	200 x 150	8 x 6	56	75	66	89
	High Volume											770	30	460	2,000	200 x 150	8 x 6	74.6	100	85	114
SP200	Standard	182	200	1.5 x 3.0	5 x 10	8.7	94	(2) 8.6	(2) 11.4	11.4	3,000	510	20	460	2,000	250 x 200	10 x 8	74.6	100	85	114
	High Volume											770	30	690	3,000	250 x 200	10 x 8	74.6	125	104	139
SP300	Standard	273	300	1.8 x 3.6	6 x 12	124	11.5	(2) 7.1	(2) 9.4	15.2	4,000	610	24	690	3,000	250 x 200	10 x 8	74.6	150	122	164
	High Volume											770	30	910	4,000	300 x 250	12 x 10	74.6	150	122	164
SP400	Standard	364	400	2.1 x 3.7	7 x 12	137	12.7	(2) 13.0	(2) 17.4	15.2	4,000	610	24	910	4,000	300 x 250	12 x 10	74.6	200	160	214
	High Volume											770	30	1,140	5,000	350 x 300	14 x 12	74.6	200	160	214

