



CLASSIFYING TANK

Ideally Suited for Producing Sand with Excessive Water, High Silt or a "Belly" in the Grading



FEATURES

- » High pressure hydraulics quickly open and close valves for precise spec
- » Windows-based Aggrespec III control system is easy to use
- » Weir to weir tank measurements offer highest holding capacity in industry
- » Stationary, semi-portable and portable models

APPLICATIONS

- » Production of construction aggregates
- » Convert variable, out-of-spec feed to in-spec
- » Produce three uniform products from single feed
- » Scalp excess water for efficient dewatering





01/ HIGH CAPACITY TANK

From weir to weir, our measurements equal the industry's highest capacity tank.

02/ SLOPED FEEDBOX

Slanted design promotes better flow of material to tank.

03/ AR LINING

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

04/ URETHANE WEAR PARTS

Valves, seats and discharge elbows are constructed of wear resistant polyurethane.

05/ SUPPORT STRUCTURE

Robust Superior design can be customized to incorporate other processing equipment.

06/ WALKWAY/STAIRS

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

07/ ELEVATED VALVE BRIDGE

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

08/ HINGED WALKWAY PLATES

Easily swing open to access mechanical valve stations below walkway.

09/ ADJUSTABLE WEIR

Adjust up or down to maximize fines retention.

10/ RECIRCULATING PUMP

Recycles water that spills over the weirs back into the tank.

11/ RISING CURRENT CELLS

Adjustable system prevents lighter materials from settling into first few stations for better efficiency.

HIGHLIGHTS



04/ URETHANE DISCHARGE VALVES



07/ ELEVATED VALVE BRIDGE



08/ HINGED WALKWAY PLATES



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

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



AGGRESPEC® I CONTROL SYSTEM

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

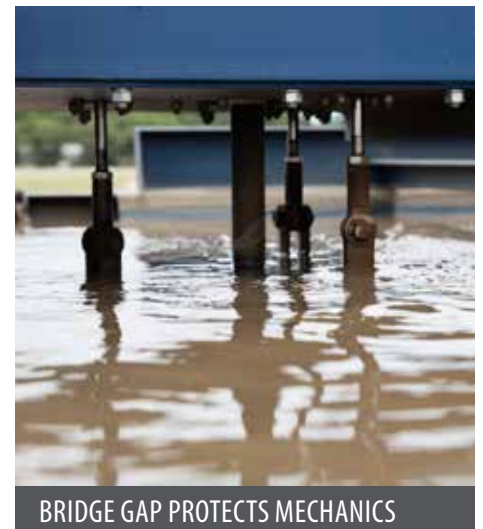
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HINGED WALKWAY PLATES



HYDRAULIC HOSES



BRIDGE GAP PROTECTS MECHANICS

STATIONARY CLASSIFIER SPECIFICATIONS

Tank Size ft (m)	Stations	Estimated Tank Weight lbs. (kg)	Estimated Support Structure Weight* lbs. (kg)	Water Capacity GPM (m ³ /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 (m ³ /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)	Axle/Tires	Water Capacity GPM (m ³ /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, 28-ft or 30-ft