



CLASSIFYING TANK

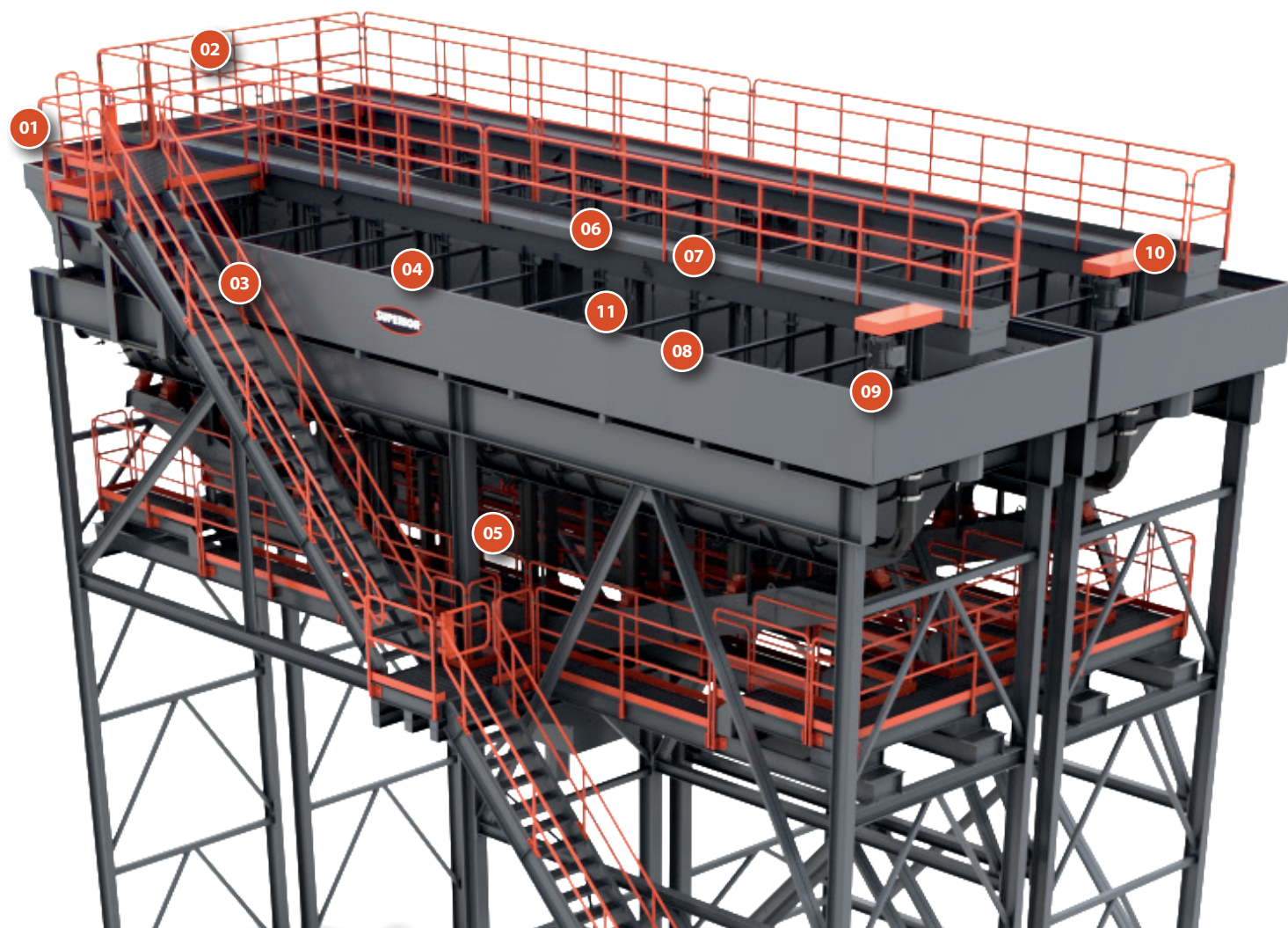
Remove excess water and classifies feed into multiple spec products.



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.

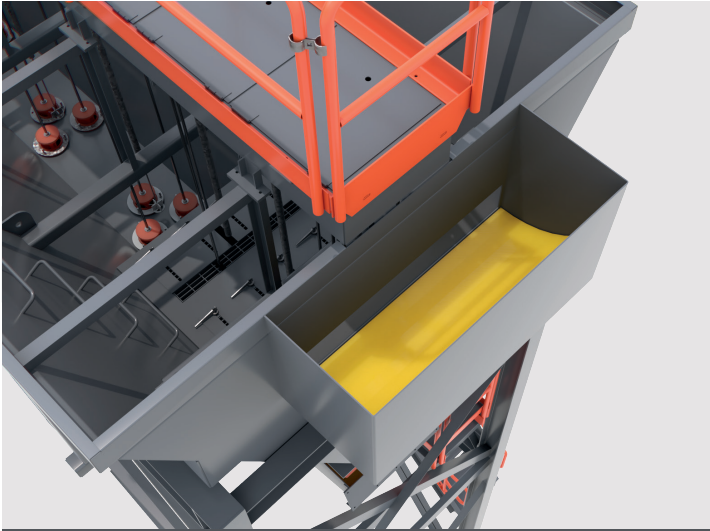
10/ RECIRCULATING PUMP

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

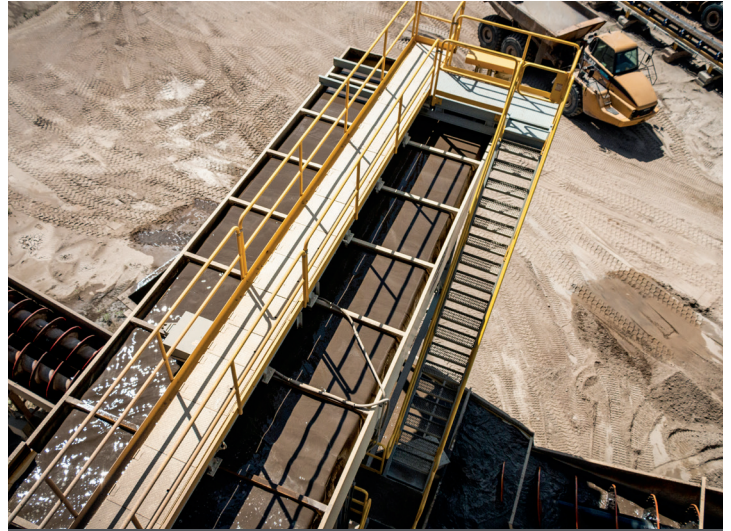
11/ RISING CURRENT CELLS

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

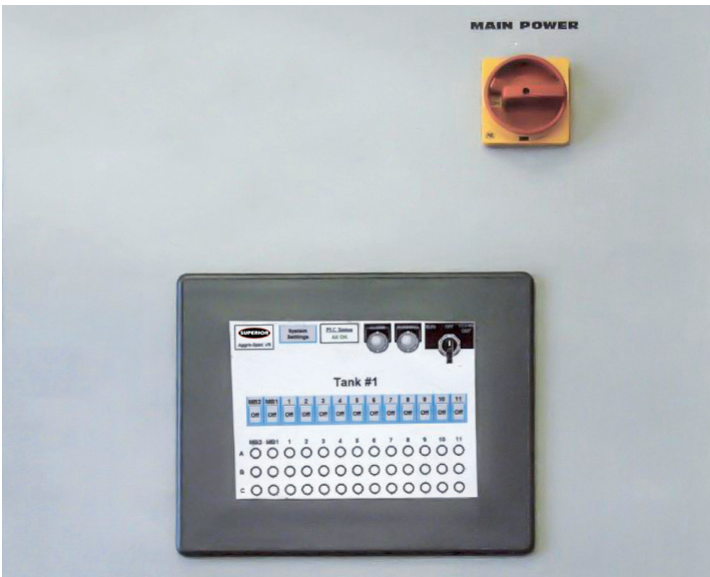


AGGRESPEC® III CONTROL SYSTEM

- » 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

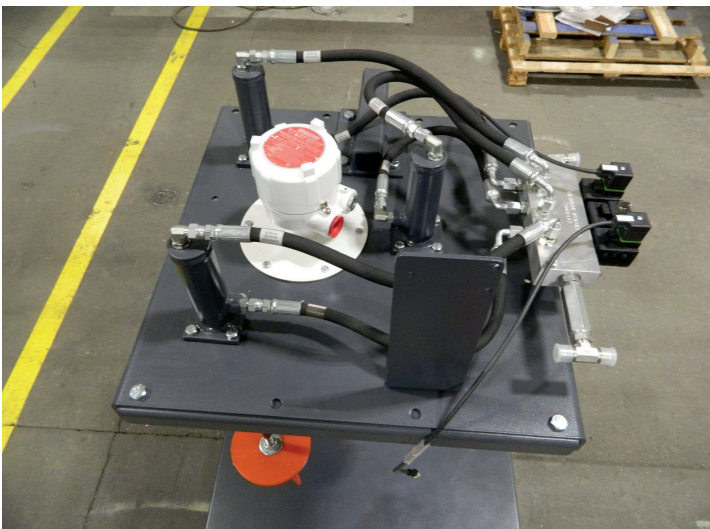
AGGRESPEC® I CONTROL SYSTEM

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

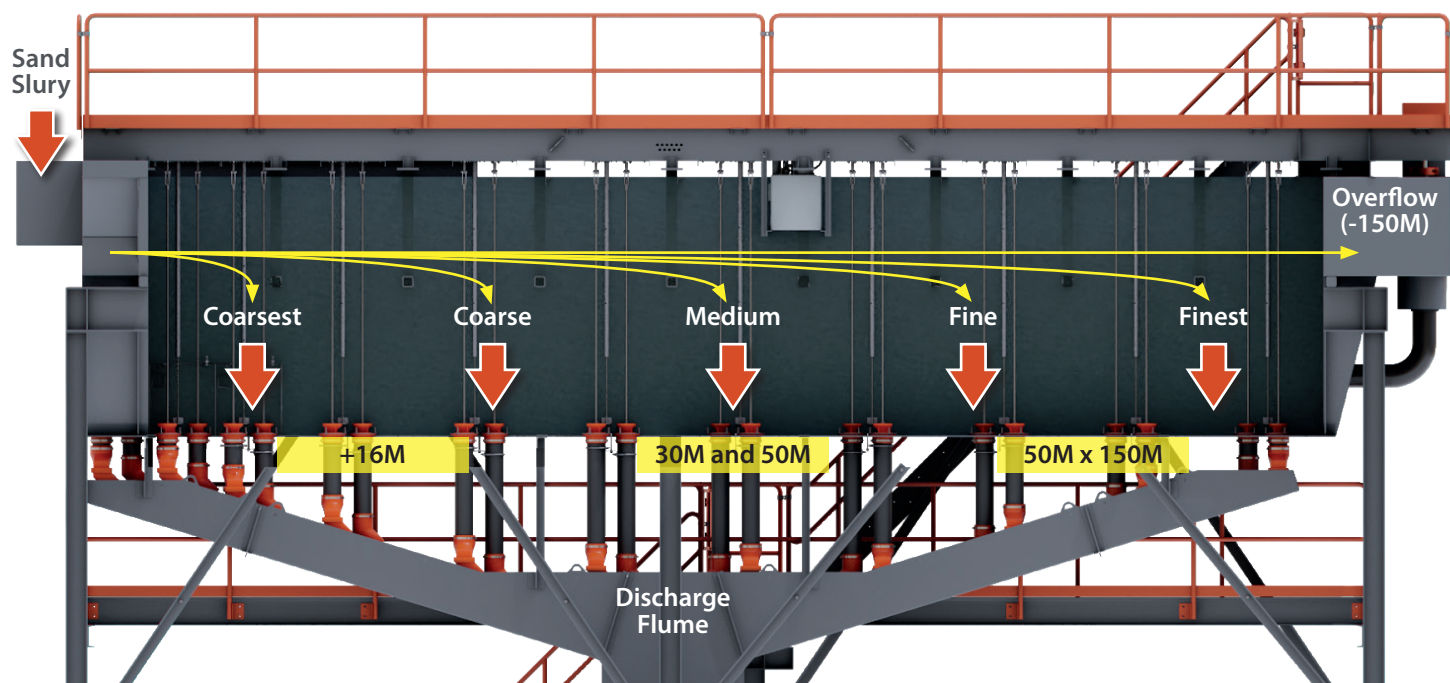


VALVE STATION

- » 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)	Axle/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.