



CLASSIFYING SYSTEMS

Up to 12' x 48'

- Groundbreaking, **user-friendly computer controls** blends a higher quality product with highest product output. ■
- High pressure hydraulics for the **fastest control response time**. ■
- Weir to weir measurements equal the **largest tank design** for the highest capacities in the industry. ■
- Diverse collection of stationary, semi-portable and portable designs to meet **specific application requirements**. ■

HIGHLIGHTS



1/ **AR LINED FEEDBOX:** High quality, abrasion resistant liners withstand sandblasting like pressure of slurry mixture.

2/ **VALVE BRIDGE:** An elevated design prevents splashing from deteriorating this valuable component.

3/ **HYDRAULIC TUBING:** Stainless steel hydraulic lines accommodate highest pressures for fastest valve response time.

4/ **HYDRAULIC TANK:** Centered along the valve bridge, this high-capacity, water-cooled tank creates consistent pressure.

5/ **RECIRCULATING PUMP:** Recycles water from tank overflow to supply rising current cells. No fresh water required.

6/ **WEAR PARTS:** Urethane valves, seats and discharge elbows combine high wear life with effective sealing.

7/ **COLLECTING BLENDING FLUME:** High capacity, AR lined component allows for creating up to three products. Optional: urethane liners.

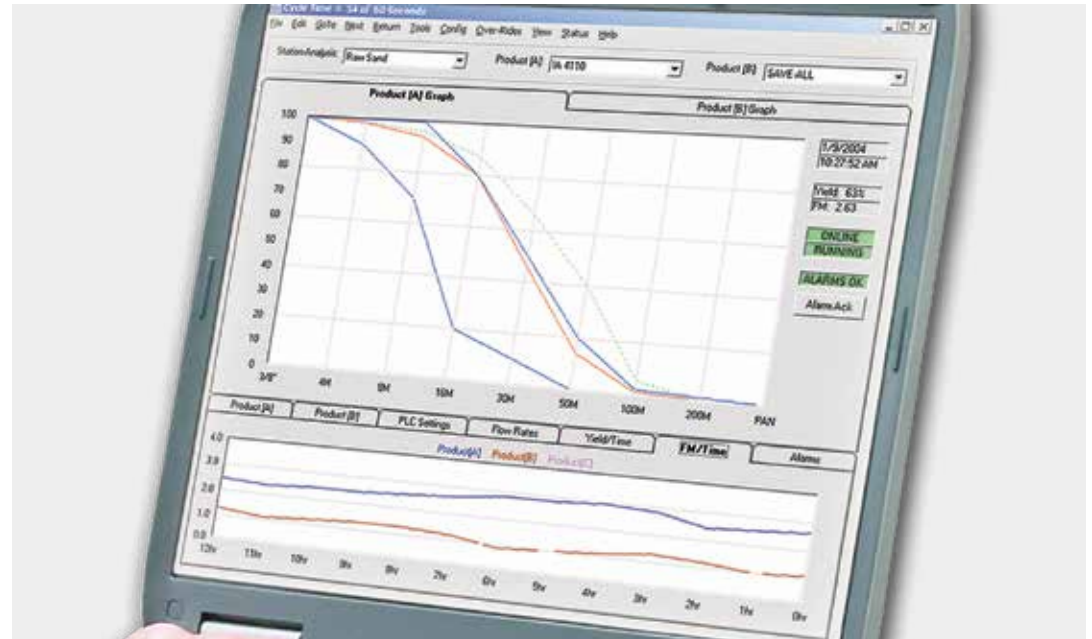
8/ **RISING CURRENT CELLS:** Increases yield by constantly removing misplaced particles from the coarse end of tank.

AGGRE-SPEC III

- Three-method calculations consistently deliver 2% (up to 15%) more productivity than single-method programs
- Re-blends up to two spec products simultaneously
- Holds tight product specs and reduces out-of-spec material
- Unlimited mix design storage capacity
- Microsoft Windows-based control system is familiar and easy to use
- Collects and reports data, displays and tracks real time fineness modulus (FM), yield graphs feed and output gradations
- Stockpile analysis checks finished product against expected product and input settings
- Retrofits to other manufacturers' tanks
- Programmable automatic tank cleanout
- Patented dual tank controls

AGGRE-SPEC I

- Simple intuitive control system
- 10 recipes of two products for 20 product capacity
- Ideal for quarry operations
- Quick start-up
- Programmable automatic tank cleanout
- Alarm history
- Retrofits to other manufacturers' tanks



AGGRE-SPEC III - COMPUTER INTERFACE



AGGRE-SPEC III - INDICATOR PANEL

STATIONARY CLASSIFIERS

FEATURES

- Single or double tanks
- AR lined, triple collecting blending flume
- Valve bridge with railings
- AR lined feed box
- Hydraulic power pack
- Electric motor, 3 phase, 60Hz, 230/460
- Urethane valves, seats and discharge elbows
- Access valves from walkway on control bridge
- Valve and grate allow for a full range of rising current
- Urethane discharge valves and seats are self-aligning
- Urethane discharge elbows provide extended life
- Optional custom-designed support structures and screen tower



CLASSIFYING TANK WITH STAIRWAY



EASILY ACCESS THE VALVES



URETHANE DIRECTION DISCHARGE BOOTS WITH AR LINED FLUME



VALVE AND GRATE



URETHANE DISCHARGE VALVES

STATIONARY CLASSIFIER SPECIFICATIONS

STATIONARY CLASSIFIER - SINGLE TANK					
Tank Size ft (m)	Stations	Estimated Tank Weight lbs (kg)	Estimated Support Structure Weight lbs (kg)*	Estimated Support Structure Weight lbs (kg)**	Estimated Support Structure Weight lbs (kg)***
8' x 20' (2 x 6)	6	12,000 (5,443)	7,140 (3,239)	10,540 (4,781)	12,440 (5,643)
8' x 24' (2 x 7)	7	14,000 (6,350)	7,540 (3,420)	10,940 (4,962)	12,840 (5,824)
8' x 28' (2 x 9)	8	16,000 (7,258)	7,700 (3,493)	11,300 (5,126)	13,000 (5,897)
8' x 32' (2 x 10)	9	18,000 (8,165)	8,580 (3,892)	12,860 (5,833)	14,180 (6,432)
10' x 24' (3 x 7)	7	18,000 (8,165)	8,500 (3,856)	11,900 (5,398)	13,800 (6,260)
10' x 28' (3 x 9)	8	20,000 (9,072)	8,700 (3,946)	12,300 (5,579)	14,000 (6,350)
10' x 32' (3 x 10)	9	24,000 (10,886)	9,600 (4,355)	13,700 (6,214)	15,200 (6,895)
10' x 36' (3 x 11)	10	28,000 (12,701)	10,600 (4,808)	14,900 (6,759)	16,500 (7,484)
10' x 40' (3 x 12)	11	30,000 (13,608)	12,100 (5,489)	16,800 (7,620)	18,000 (8,165)
12' x 48' (4 x 15)	11	44,000 (19,958)	16,800 (7,620)	22,000 (9,979)	23,600 (10,705)

*One Chute to Fine Material Washer

** One Chute, Walkway and Ladders

***One Chute, Walkway and Stairs

STATIONARY CLASSIFIER - DOUBLE TANK					
Tank Size ft (m)	Stations	Estimated Tank Weight lbs (kg)	Estimated Support Structure Weight lbs (kg)*	Estimated Support Structure Weight lbs (kg)**	Estimated Support Structure Weight lbs (kg)***
10' x 32' (3 x 10)	9	48,900 (22,181)	22,500 (10,206)	28,800 (13,064)	30,300 (13,744)
10' x 36' (3 x 11)	10	53,000 (24,040)	24,000 (10,886)	31,100 (14,107)	32,700 (14,833)
10' x 40' (3 x 12)	11	56,000 (25,401)	26,000 (11,793)	34,000 (15,422)	35,200 (15,967)
12' x 48' (4 x 15)	11	86,000 (39,009)	38,000 (17,237)	46,900 (21,274)	48,200 (21,863)

*One Chute to Fine Material Washer

** One Chute, Walkway and Ladders

***One Chute, Walkway and Stairs

SEMI-PORTABLE CLASSIFIERS

WITH FINE MATERIAL WASHER FEATURES

- Two individual dewatering screws can produce two separate products or can be combined to produce the maximum amount of a primary product
- Flights are protected with adjustable 1" thick rubber wear shoes
- Extended shaft and slinger protects lower bearing from water leakage
- Plant prewired for easy start-up
- Flush-back nozzle enhances dewatering efficiency
- Adjustable weir plates
- Drain for easy clean out
- Skid-mounted modular design

WITH AGGRE-DRY DEWATERING WASHER FEATURES

- Dewatering screen
- Dual electric vibrators
- Urethane screen plates and liners



RETRACTABLE VALVE BRIDGE FOR TRAVEL



TWIN DEWATERING SCREWS



SLINGER PROTECTS LOWER BEARING



DUAL ELECTRIC VIBRATORS



URETHANE SCREENS AND LINERS



8% MOISTURE CONTENT

SEMI-PORTABLE CLASSIFIER SPECIFICATIONS

SEMI-PORTABLE CLASSIFIER WITH FINE MATERIAL WASHER - TRIPLE FLUME							
Tank Size ft (m)	Screw Size in x ft (mm x m)	Stations	Capacity TPH (MTPH)	Water Capacity - GPM (m ³ /sec)			Estimated Weight lbs (kg)
				100 Mesh	150 Mesh	200 Mesh	
8' x 24' (2 x 7)	Twin 36" x 25' (914 x 7)	7	200 (181)	2,800 (0.17)	1,400 (0.08)	N/A	40,000 (18,143)
8' x 28' (2 x 8)	Twin 36" x 25' (914 x 7)	8	200 (181)	3,200 (0.20)	1,600 (0.10)	N/A	42,000 (19,050)
8' x 32' (2 x 10)	Twin 36" x 25' (914 x 7)	9	200 (181)	3,500 (0.22)	1,800 (0.11)	N/A	48,500 (21,999)
10' x 24' (3 x 7)	Twin 36" x 25' (914 x 7)	7	200 (181)	3,500 (0.22)	1,800 (0.11)	N/A	50,000 (22,679)
10' x 28' (3 x 8)	Twin 36" x 25' (914 x 7)	8	200 (181)	4,100 (0.25)	2,100 (0.13)	N/A	51,000 (23,133)
10' x 32' (3 x 10)	Twin 36" x 25' (914 x 7)	9	200 (181)	4,700 (0.29)	2,400 (0.15)	1,250 (0.07)	51,500 (23,360)
10' x 36' (3 x 11)	Twin 36" x 25' (914 x 7)	10	200 (181)	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)	58,500 (26,535)
10' x 40' (3 x 12)	Twin 36" x 25' (914 x 7)	11	200 (181)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	63,000 (28,576)
8' x 32' (2 x 10)	Twin 44" x 32' (1,118 x 10)	9	350 (318)	3,500 (0.22)	1,800 (0.11)	950 (0.05)	60,000 (27,216)
10' x 32' (3 x 10)	Twin 44" x 32' (1,118 x 10)	9	350 (318)	4,700 (0.29)	2,400 (0.15)	1,250 (0.07)	64,500 (29,257)
10' x 36' (3 x 11)	Twin 44" x 32' (1,118 x 10)	10	350 (318)	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)	67,000 (30,391)
10' x 40' (3 x 12)	Twin 44" x 32' (1,118 x 10)	11	350 (318)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	68,000 (30,844)
10' x 40' (3 x 12)	Twin 54" x 35' (1,372 x 11)	11	480 (436)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	97,000 (43,999)
10' x 40' (3 x 12)	Twin 66" x 35' (1,676 x 11)	11	720 (653)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	132,000 (59,874)
12' x 48' (4 x 15)	Twin 44" x 32' (1,118 x 10)	11	350 (318)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	91,000 (41,277)
12' x 48' (4 x 15)	Twin 54" x 35' (1,372 x 11)	11	480 (436)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	116,000 (52,617)
12' x 48' (4 x 15)	Twin 66" x 35' (1,676 x 11)	11	720 (653)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	150,000 (68,039)
12' x 48' (4 x 15)	Twin 72" x 35' (1,829 x 11)	11	820 (744)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	175,000 (79,379)

SEMI-PORTABLE CLASSIFIERS SPECIFICATIONS (CONTINUED)

SEMI-PORTABLE CLASSIFIER WITH AGGRE-DRY® DEWATERING WASHER							
Tank Size ft (m)	Screw Diameter in (mm)	Stations	Capacity TPH (MTPH)	Water Capacity - GPM (m ³ /sec)			Estimated Weight lbs (kg)
				100 Mesh	150 Mesh	200 Mesh	
8' x 24' (2 x 7)	Twin 36" (914)	7	200 (181)	2,800 (0.17)	1,400 (0.08)	800 (0.05)	54,000 (24,494)
8' x 28' (2 x 9)	Twin 36" (914)	8	200 (181)	3,200 (0.20)	1,600 (0.10)	900 (0.05)	56,000 (25,401)
8' x 32' (2 x 10)	Twin 36" (914)	9	200 (181)	3,500 (0.22)	1,800 (0.11)	950 (0.05)	62,500 (28,350)
10' x 28' (3 x 9)	Twin 36" (914)	7	200 (181)	4,100 (0.25)	2,100 (0.13)	400 (0.02)	64,000 (29,030)
10' x 32' (3 x 10)	Twin 36" (914)	8	200 (181)	4,200 (0.26)	2,400 (0.15)	1,250 (0.07)	65,000 (29,483)
10' x 36' (3 x 11)	Twin 36" (914)	9	200 (181)	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)	65,500 (29,710)
10' x 40' (3 x 12)	Twin 36" (914)	10	200 (181)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	72,500 (32,885)
8' x 32' (2 x 10)	Twin 48" (1,219)	9	400 (363)	5,300 (0.33)	1,800 (0.11)	950 (0.05)	78,000 (35,380)
10' x 32' (3 x 10)	Twin 48" (1,219)	9	400 (363)	4,700 (0.29)	2,400 (0.15)	1,250 (0.07)	82,500 (37,421)
10' x 36' (3 x 11)	Twin 48" (1,219)	10	400 (363)	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)	85,000 (38,555)
10' x 40' (3 x 12)	Twin 48" (1,219)	11	400 (363)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	86,000 (39,009)
10' x 40' (3 x 12)	Twin 66" (1,676)	11	600 (544)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	140,000 (63,503)
12' x 48' (4 x 15)	Twin 48" (1,219)	11	400 (363)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	109,000 (49,442)
12' x 48' (4 x 15)	Twin 60" (1,524)	11	600 (544)	8,100 (0.51)	4,200 (0.26)	2,150 (0.13)	158,000 (71,668)

FULLY PORTABLE CLASSIFIER FEATURES AND SPECIFICATIONS

FEATURES

- Air brakes
- Running lights
- Hydraulic leveling jacks
- Fifth wheel hitch
- Prewired design for easy start-up



NOTE: Classifier must be removed for highway travel

FULLY PORTABLE CLASSIFIER WITH FINE MATERIAL WASHER - TRIPLE FLUME								
Tank Size ft (m)	Screw Size inch (mm)	Stations	Capacity TPH (MTPH)	Water Capacity - GPM (m ³ /sec)			Estimated Weight lbs (kg)	Axles/Tires
				100 Mesh	150 Mesh	200 Mesh		
8' x 24' (2 x 7)	Twin 36" (914)*	7	200 (181)	2,800 (0.17)	1,400 (0.08)	800 (0.1)	64,000 (29,030)	2/8 or 3/12
8' x 28' (2 x 9)	Twin 36" (914)*	8	200 (181)	3,200 (0.20)	1,600 (0.10)	900 (0.05)	65,000 (29,484)	2/8 or 3/12
8' x 32' (2 x 10)	Twin 36" (914)*	9	200 (181)	3,500 (0.22)	1,800 (0.11)	950 (0.05)	52,000 (23,587)	2/8 or 3/12
8' x 32' (2 x 10)	Twin 36" (914)*	9	200 (181)	3,500 (0.22)	1,800 (0.11)	950 (0.05)	68,000 (30,844)	2/8 or 3/12
8' x 32' (2 x 10)	Twin 44" (1,118)*	9	350 (318)	3,500 (0.22)	1,800 (0.11)	950 (0.05)	73,500 (33,339)	3/12
10' x 28' (3 x 9)	Twin 44" x 32' (1,118 x 10)	8	350 (318)	4,100 (0.25)	2,100 (0.13)	1,100 (0.06)	81,000 (36,741)	3/12
10' x 32' (3 x 10)	Twin 44" x 32' (1,118 x 10)	9	350 (318)	4,700 (0.29)	2,400 (0.15)	1,250 (0.07)	86,000 (39,009)	3/12
10' x 36' (3 x 11)	Twin 44" x 32' (1,118 x 10)	10	350 (318)	5,300 (0.33)	2,700 (0.17)	1,400 (0.08)	88,000 (39,916)	3/12
10' x 40' (3 x 12)	Twin 44" x 32' (1,118 x 10)	11	350 (318)	5,900 (0.37)	3,000 (0.18)	1,500 (0.09)	95,000 (43,091)	3/12

*Screw length dependant of number of axles required therefore will be 25-ft, 28-ft or 30-ft

OPTIONS



RISING CURRENT PUMP

- WALKWAY TO ACCESS BLENDING FLUME
- UPPER WALKWAY
- LADDERS
- STAIRS



WALKWAY TO ACCESS BLENDING FLUME

- URETHANE LINED COLLECTION BLENDING FLUME
- A532 OR URETHANE WEAR SHOES
- METERING BIN CONTROLS
- METERING BINS



DISCHARGE CHUTE

- DISCHARGE CHUTE
- GUARDING
- RISING CURRENT PUMP

IN-STOCK PARTS



WEAR SLEEVE AND LOWER SEAL

- INPUT OR OUTPUT MODULES
- BINDICATOR



VALVES

- HYDRAULIC FILTER
- VALVES



RUBBER WEAR SHOES

- WEAR SHOES
- LOWER SEAL

- WEAR SLEEVE
- DRIVE COMPONENTS

- VIBRATOR GREASE