## 2022 CATALOG



AGGREGATE TECHNOLOGIES GROUP CONS

CONSTRUCTION AND MINING EQUIPMENT

MAKE THE COMPETITION SEE RED

www.**AGGRETEK**.com

## **CRUSHERS**

### BUILT TO LAST - BUILT TO CRUSH

Our line of GENESIS Cone Crushers are the most diverse product line on the market, including a broad range of sizes and features. For aggregate applications, we recommend the GEN250 to the GEN450, though we also offer larger crushers that are typically used in mining. No matter which model you need, you can be confident that we have engineered it to meet the most common industry concerns to give you better results.

#### Reliable performance

Our cone crushers reduce your maintenance time and increase production. We created our designs with input from maintenance personnel and plant operations, and then field tested the equipment for further refinement.

#### Safe and easy maintenance

Traditionally, cone crusher maintenance was difficult and sometimes dangerous. One of our key goals in creating our new line of cone crushers was to make maintenance safer and easier than before. Features such as mainframe inspection ports, cartridge countershaft boxes and our new socket-less design give you better access to the inside of your crusher.

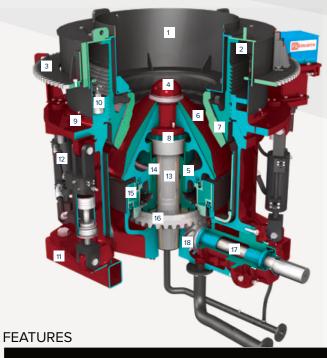
#### Advanced automation

We provide an advanced overloading sensing technology to monitor the crushing force and detect overloads. The system gives you the option of allowing it to automatically correct the overload.

The same advanced automation system can be used to optimize crusher performance with feed control, setting adjustment, lubrication monitoring and hydraulic parameter monitoring. This improved efficiency can lower costs for your business.







- 1. Hopper
- 2. Bowl
- **3.** Drive ring
- **4.** Feed plate
- 5. Head
- **6.** Mantle
- **7.** Bowl liner
- 8. Socket liner
- 9. Adjustment ring

- 10. Clamping cylinder
- **11.** Main frame
- 12. Tramp release cylinder
- 13. Main shaft
- **14.** Eccentric
- **15.** Counterweight
- **16.** Gear
- 17. Countershaft
- 18. Pinion

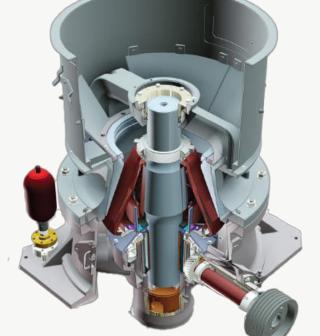
## **CRUSHERS**

### BUILT TO LAST - BUILT TO CRUSH

Widely employed for crushing hard and abrasive materials in both the aggregate and mining industries, cone crushers have been used as primary, secondary and tertiary crushers for quite a long time. Designed especially for the hardest material, cone crushers are one of the best choices for crushing river gravel, basalt and granite, along with abrasive materials in the mining industry like iron, chrome, magnesite and copper ores. The robust design and high-grade cast steel body of our cone crushers provide the strength and stability necessary for crushing extra-hard materials while ensuring low maintenance costs.

Wear parts are made of special alloy steel.

- Dust resistant internal parts
- Adjustable crushing size
- More efficient operation with improved automation system
- Protection system against the damages from the steel particles mixed within the feeding material
- Adjustable crushing gap enables longer liner usage.



### **EXTRA COARSE**



**MEDIUM** 





FINE

## VXR CONE CRUSHER**SPECIFICATIONS**

	Mantle	Feed	Feed	Motor							Capacity (t/l	n) acc. To dis	charge gap (ii	n)					
MODEL	Diameter In	Opening Type	Size In	Power hp	16	19	22	25	29	32	35	38	41	44	48	51	54	64	70
ACGP 200 EC	24.5	Extra Coarse	9.45	400.00	-	-	3.15 - 3.54	3.54 - 4.33	9.94 - 5.71	4.13 - 6.10	4.33 - 4.92	4.53 - 4.92	_	-		-	-	-	-
ACGP 200 C	31.5	Coarse	7.87	120.69	-	2.56 - 2.95	2.95 - 3.54	3.15 - 4.72	3.35 - 4.33	3.54 - 3.94	-	-	A	-	-	-	-	-	-
ACGP 400 EC		Extra Coarse	17.72		-	-	-	-	-		10.24 - 10.63	10.83 - 13.19	11.02 - 16.93	12.01 - 21.65	12.99 - 19.69	13.98 - 17.32	-	-	-
ACGP 400 C	44.49	Coarse	15.75	268.2	-	-	-		8.66 - 9.06	9.06 - 11.22	9.84 - 14.37	10.24 - 18.11	10.83 - 19.49	11.42 - 16.93	12.20 - 14.96	12.80 - 13.19	-	-	-
ACGP 400 MC		Medium Coarse	11.81	1	-	-	-	7.50 - 7.87	8.07 - 9.84	8.66 - 12.60	9.25 - 16.54	9.84 - 17.52	10.43 - 18.50	10.83 - 16.14	11.61 - 14.17	12.20 - 12.60	-	-	-
	'		'																
MODEL	Mantle	Feed	Feed	Motor							Capacity (t/l	n) acc. To dis	charge gap (ii	n)					
MODEL	Diameter In	Opening Type	Size In	Power kW	5	8	10	13	16	19	22	25	32	38	44	51	57	64	70
ACG 200 EC		Extra Coarse	5.12		-	-	1.57 - 1.97	1.77 - 2.95	1.97 - 3.15	3.15 - 3.54	2.17 - 3.74	2.36 - 3.94	2.76 - 4.53	-		-	-	-	-
ACG 200 C	7 215	Coarse	3.54	120.00	-	-	1.38 - 1.77	1.57 - 3.15	1.77 - 3.35	1.97 - 3.74	2.17 - 9.34	2.36 - 4.13	2.56 - 2.95	-	-	-	-	-	-
ACG 200 M	31.5	Medium	2.56	120.69	-	1.18 - 1.57	1.38 - 2.56	1.57 - 2.76	1.77 - 2.56	1.97 - 2.36	-	-	-	-	-	-	-	-	-
ACG 200 F		Fine	1.57	1	0.91 - 1.38	1.02 - 1.77	1.06 - 1.97	1.18 - 1.77	1.30 - 1.57	-	-	-	-	-	-	-	-	-	-
ACG 300 EC		Extra Coarse	7.09		-	-	-	2.56 - 3.74	2.76 - 5.51	2.95 - 5.91	3.15 - 6.30	3.35 - 6.69	3.74 - 7.68	4.33 - 7.68	-	-	-	-	-
ACG 300 C	37.4	Coarse	5.71	14751 17700	-	-	-	2.36 - 4.72	2.56 - 5.12	2.76 - 5.51	2.95 - 5.91	3.15 - 6.50	3.54 - 7.28	4.13 - 5.51	-	-	-	-	-
ACG 300 M	37.4	Medium	3.54	147.51 - 177.02	-	-	2.36 - 3.15	2.56 - 4.72	2.76 - 5.12	2.95 - 5.51	3.15 - 5.91	3.35 - 5.91	3.74 - 4.13	-	` U.	-	-	-	-
ACG 300 F	<b>F</b> Fine	1.97	1	1.57 - 2.76	1.77 - 2.76	1.97 - 3.15	2.17 - 3.54	2.36 - 3.74	2.56- 3.94	2.76 - 3.54	2.95 - 3.15	-	-	- \	-	-	-	-	
ACG 400 EC		Extra Coarse	8.27		-	-		-	4.33 - 7.48	4.53 - 10.43	4.92 - 11.22	5.12 - 12.01	5.91 - 13.58	6.69 - 15.16	7.28 - 14.76	-	-	-	-
ACG 400 C	144.00	Coarse	6.69	17702 20020	-		-	3.74 - 4.13	4.13 - 8.27	4.33 - 11.02	4.72 - 11.81	4.92 - 12.60	5.71 - 14.57	6.30 - 12.80	6.85 - 8.66	-	-	-	-
ACG 400 M	44.69	Medium	4.13	177.02 - 268.20	-	-	-	4.33 - 7.09	4.72 - 10.63	5.12 - 11.43	5.51 - 12.20	5.91 - 12.99	6.69 - 10.63	7.28 - 7.68	-	-	-	-	-
ACG 400 F		Fine	2.56	1	-	3.35 - 4.92	3.54 - 6.50	3.94 - 7.09	4.13 - 7.68	4.53 - 8.27	4.92 - 8.86	5.12 - 2.45	5.91 - 7.87	-	-	-	-	-	-
ACG 600 EC		Extra Coarse	11.81		-	-	-	-	6.69 - 7.09	7.28 - 12.99	7.68 - 16.73	8.27 - 17.91	9.45 - 21.06	10.43 - 23.43	11.42 - 25.59	12.60 - 19.69	-	-	-
ACG 600 CX		Coarse Xtra	9.65	]	-	-	-	-	6.50 - 7.28	7.09 - 14.37	7.68 - 18.90	8.07 - 20.08	9.25 - 22.83	10.24 - 25.20	11.22 - 20.08	12.40 - 13.78	-	-	-
ACG 600 C	56.69	Coarse	8.27	422.42	-	-	-	-	6.50 - 7.09	7.09 - 13.98	7.48 - 18.50	8.07 - 9.69	9.06 - 22.44	10.04 - 24.80	11.02 - 19.69	12.20 - 13.39	-	-	-
ACG 600 M	] 30.03	Medium	5.12	422.42	-	-	-	-	7.48 - 11.22	8.07 - 16.93	8.66 - 18.11	9.25 - 19.29	10.43 - 19.49	11.61 - 15.35	-	-	-	-	-
ACG 600 F		Fine	2.95		-	-	-	7.23 - 11.22	7.87 - 12.20	8.46 - 13.19	9.06 - 14.17	9.65 - 14.96	11.42 - 15.35	-	-	-	1	-	-
ACG 600 EF		Extra Fine	2.17		-	-	-	8.07 - 11.02	8.66 - 11.81	9.25 - 11.42	10.04 - 11.02	-	-	-	-	-	-	-	-
ACG 700 EC		Extra Coarse	11.81		-	-	-	-	-	-	17.13 - 22.44	18.31 - 32.68	20.87 - 37.40	23.23 - 41.34	25.39 - 45.28	28.15 - 50	30.31 - 54.33	32.68 - 58.66	35.04 - 51.57
ACG 700 C		Coarse	9.45		-	-	-	-	-	15.35 - 15.75	16.54 - 24.41	17.72 - 34.25	20.28 - 39.37	22.44 - 43.90	24.61 - 47.83	27.17 - 52.76	29.33 - 56.93	31.89 - 56.69	33.86 - 50
ACG 700 MC		Medium Coarse	7.68		-	-	-	-	-	14.57 - 16.14	15.75 - 27.17	16.54 - 31.69	18.90 - 36.22	20.87 - 40.16	22.83 - 44.29	25.20 - 48.82	27.36 - 52.56	29.53 - 52.36	31.89 - 46.26
ACG 700 M	66.54	Medium	6.1	370.51	-	-	-	-	-	15.35 - 21.46	16.34 - 30.32	17.52 - 32.28	20.08 - 36.81	22.05 - 40.55	24.21 - 44.49	26.77 - 49.41	28.74 - 53.35	31.50 - 48.43	33.66 - 42.52
ACG 700 MF		Medium Fine	3.94		-	-	-	-	14.37 - 15.55	15.55 - 26.97	16.54 - 28.94	17.72 - 30.91	20.08 - 35.24	33.07 - 36.02	24.61 - 30.12	27.17 - 27.56			
ACG 700 F		Fine	3.54		-	-	-	13.39 - 14.96	14.76 - 25.20	15.75 - 26.97	16.93 - 28.74	18.11 - 30.91	20.67 - 35.04	22.83 - 33.07	24.80 - 27.56	-	-	-	-
ACG 700 EF		Extra Fine	3.15		-	-	10.63 - 15.35	11.42 - 19.69	12.40 - 21.26	13.39 - 22.83	14.17 - 24.41	15.35 - 26.18	17.52 - 29.92	19.29 - 27.95	21.26 - 25.59	-	-	-	-
ACG 800 EC	_	Extra Coarse	14.57		-	-	-	-	-	-		18.50 - 25.20	21.26 - 46.46	23.62 - 55.12	25.59 - 58.66	28.74 - 66.14	30.71 - 70.47	33.27 - 77.17	35.04 - 82.48
ACG 800 C		Coarse	12.99		-	-	-	-	-	-	-	20.87 - 29.53	23.62 - 48.03	26.38 - 53.15	29.13 - 58.46	31.89 - 64.17	34.45 - 69.29	37.40 - 75.20	39.37 - 62.40
ACG 800 M		Medium	9.06		-	-	-	-	-	-	21.57 - 23.62	23.03 - 40.55	25.59 - 46.06	28.54 - 51.18	31.50 - 56.30	34.65 - 61.81	37.40 - 62.60	40.94 - 54.33	43.31 - 43.70
ACG 800 MF	79.53	Medium Fine	5.12	844.84	-	-	-	-	-	19.49 - 19.89	21.06 - 36.42	22.83 - 38.58	25.83 - 44.09	29.13 - 51.18	31.50 - 49.61	34.65 - 55.51	37.20 - 48.62	-	-
ACG 800 F		Fine	4.72		-	-	-	-	20.47	22.05 - 32.28	323.62 - 35.45	25 - 36.61	28.74 - 38.39	32.09 - 34.65	-	-	-	-	-
ACG 800 EFX		Extra Fine X	3.94		-	-	-	15.35 - 19.29	16.54 - 24.41	17.72 - 26.18	19.29 - 28.15	20.27 - 29.72	23.23 - 31.10	25.59 - 27.95	-	-	-	-	-
ACG 800 EF		EF	3.35		-	-	13.98 - 16.14	14.96 - 20.47	16.14 - 21.85	17.52 - 23.82	18.70 - 25	20.08 - 26.77	22.64 - 30.71	25.39 - 33.46	27.76 - 33.86	30.51 - 30.91	-	-	_

## CRUSHERS BUILT TO LAST

### BUILT TO LAST - BUILT TO CRUSH

Jaw crushers reduce large rocks or ore by means of compression. Mechanical pressure is applied using the crusher's two jaws; one is fixed while the other reciprocates.

There are also primary and secondary types of these crushers. Jaw crushers are one of the most commonly used crushers due to their ability to crush all kinds of materials of any hardness, as well as their low-cost operation and easy maintenance.



The jaw crusher is one of the most indispensable and preferred machines because of its performance and durability. Depending on plant layout, AGGRETEK jaws can be produced on wheels, skid-mounted or fixed to the concrete foundations.

#### **TOGGLE PLATE**

The optimal-angle toggle plate generates extra crushing force and at the same time provides security for the drive system.

#### SIDE LINERS

Manganese steel casting side liners provide resistance against abrasion.

#### FLYWHEEL

Ductile cast-iron flywheel (GGG-60 quality).

#### **ADJUSTMENTS**

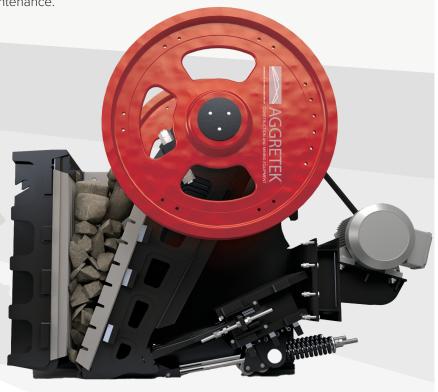
The closed side setting can be adjusted using shim plates with hydraulic power.

#### **JAWS**

Reversible high manganese cast steel jaw plates. Different profiles are available for different rock types.

#### **BODY**

Low-carbon steel welded body with heat treatment for stress relief.



		ACJ1524 Primary	ACJ2635 Primary	ACJ3042 Primary	ACJ3254 Primary	ACJ3343 Primary	ACJ3749 Primary	ACJ4355 Primary	ACJ4763 Primary	ACJ835 Secondary	ACJ2655 Secondary
Feed Opening L x W	inch x inch	15x24	26x35	30x42	32x54	33x43	37x49	43x55	47x63	8x35	26x55
Max Feed Size	inch	15	26	30	32	33	49	55	63	8	26
Outlet Setting		15	26	30	32	33	49	55	63	1-4 in	3-7 in
Weight	lbs.	13889	29542	45100	60600	72753	79366	120152	163583	12346	53572

# **CRUSHERS**BUILT TO LAST - BUILT TO CRUSH

		AIHP1111	AIHP1114	AIHP1313	AIHP1515	AIHP1620
Rotor Diameter	inch	43	43	54	60	65
Rotor Width	inch	42	55	48	52	80
Capacity	stph	170-225	275-385	330-550	440-660	660-1040
	mtph	150-200	250-350	300-500	400-600	600-950
Power	HP	250	300	350	450	600
Weight	lbs	32000	38600	39160	48100	89300





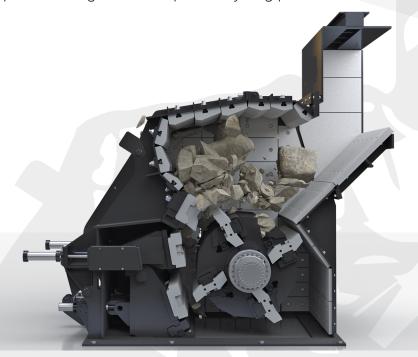
AGGRETEK AIH crushers, offering high reduction ratios, reduced power consumption, easier and safer maintenance are the solution for operating conditions where output and productivity demands are increasingly stringent.

The strength of AIH crushers makes them ideal for diverse applications and configurations. These crushers can replace large jaw crushers and be fed with material blocks the size of their feed opening.



# **CRUSHERS**BUILT TO LAST - BUILT TO CRUSH

With their high performance, high reduction percentages and perfect cubical-shaped final product, AGGRETEK secondary impact crushers are a great economical solution for crushing both medium-hard and hard materials such as river gravel, limestone and dolomite. The grinding type of AIH series impact crushers provide a very competitive design for the asphalt recycling process.



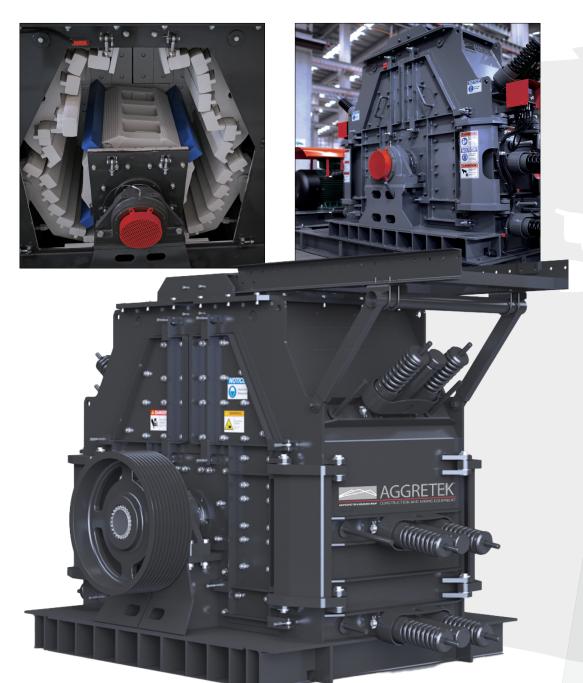
		AIHSH4440	AIHSH4448	AIHSH4459
Rotor Diameter				
Rotor Width	inch	40	48	59
Maximum Feed Size	inch	12	12	12
	mm	300	300	300
Capacity	stph	110-165	165-220	275-385
	mtph	130-200	170-250	250-350
Power	HP	250	300	350-450
Weight	lbs	37500	41900	46300



AGGRETEK Secondary impact crushers feature a unique combination of heavy rotor design, wear material and crushing chamber design. These features result in improving capacity, product quality and in reducing operating and wear costs.



		AIH54840	AIH55148	AIH55159
Rotor Diameter	inch	48	51.2	51.2
Rotor Width	inch	40	48	59
Maximum Feed Size	inch	10	14	14
	mm	250	350	350
Capacity	stph	110-165	165-220	275-385
	mtph	100-150	150-250	250-350
Power	HP	200-250	300	350-450
Weight	lbs	38600	50700	55100





Designed for crushing soft and medium-hard materials with close grain distribution and good cubical shape ratios, tertiary impact crushers are an excellent solution in the production of fine aggregates for concrete and asphalt applications. Adjustable and interchangeable breaker plates enable grinding up to 50 percent with a durable rotor that can operate in both directions, lowering overall operational and inventory costs of the machine.



		AIHT4359	AIHT4340	AIHT4320
Rotor Diameter	inch	43	43	43
Rotor Width	inch	59	40	20
Max Feed Size	inch	6	6	6
	mm	150	150	150
Capacity	stph	310-350	240-280	110-130
	mtph	280-320	220-250	100-120
Power	HP	428	300-350	150
Weight	lbs	50377	41336	29762

## **CRUSHERS**

### BUILT TO LAST - BUILT TO CRUSH

	Maximum Feed Size	Power	Speed	Max. Cap	pacity	Weight	
	inch	HP	rpm	stph	mtph	lbs	
AIV95S/ROR	2	300	800 - 1700	220	200	23980	
Single Drive	2	350	800 - 1700	275	250	24640	
AIV95D/ROR	2	2 X 150	800 - 1700	220	200	26840	
Dual Drive	2	2 X 200	800 - 1700	275	250	27280	
		2 X 250	800 - 1700	330	300	27720	
AIV95S/ROS	2	300	800 - 1600	220	200	29040	
Single Drive	2	350	800 - 1600	275	250	29700	
AIV95D/ROS	2	2 X 250	800 - 1600	220	200	31460	
Dual Drive	2	2 X 300	800 - 1600	275	250	31900	
		2 X 350	800 - 1600	330	300	32340	
AIV95S/SOS	3	300	800 - 1400	220	200	29920	
Single Drive	3	350	800 - 1400	275	250	30580	
AIV95D/SOS	3	2 X 270	800 - 1400	440	400	34320	
Dual Drive	3						











APPLICATION OF CLOSED ROTOR AND ROCK SHELF ROCK ON ROCK (ROR)

APPLICATION OF CLOSED ROTOR AND ANVIL RING ROCK ON STEEL

APPLICATION OF OPEN TABLE ROTOR AND ANVIL RING STEEL ON STEEL (SOS)

Vertical Shaft Impact (VSI) crushers are designed to be used in secondary, tertiary or quaternary stage crushing. These crushers are suitable for a wide range of applications including the production of high quality manufactured sand, well formed aggregates and industrial minerals. Crushers can also be used for shaping or removal of soft stone from aggregate.

Advanced alternatives with open table designs, multiport rotor and large bearings are the main reasons our crushers provide high value solutions and deliver high performance.

## SCREENS

#### HE HEART OF EVERY QUARY OR MINE

CRUSH - SCREEN - WASH - MOVE - REPEAT



You can count on AGGRETEK Dewatering Screens to help you turn material washing problems into profitable solutions and meet the specification demands for multiple sand products.

Dewatering screens are typically single deck, adjustable incline, linear motion screens, fitted with slotted aperture panels utilized to dewater fine aggregates prior to stockpiling.

	Size (ft)	Screening Area	Power	Maximu Cap	m Feed acity	Working Angle
	feet	sqft	hp	stph	mtph	
ADS408	4x8	32	2x5	77	70	-5° / +5°
ADS608	6x8	48	2×10	165	150	-5°/+5°
ADS613	6x13	78	2x12	275	250	-5° / +5°





## SCREENS

#### HE HEART OF EVERY QUARY OR MINE



#### **HEAVY-DUTY VIBRATING SCREENS**

The output material of the primary group may need to be screened in accordance with the installation plan. In these cases, standard vibrating screens may not meet the required capacity and can be disadvantageous in respect to servicing costs, but the top decks of our heavy-duty screens are equipped with grizzly or abrasion resistant perforated plates to avoid any damage caused by large-size materials. The springs on heavy-duty screens are more durable as well.



- CRUSH - SCREEN - WASH - MOVE - REPEA



Grizzly Screens have been designed for the toughest applications capable of high capacity and the ability to process coarse material. These screens have a very robust design, which allow them to operate under tough conditions (primary or secondary). They particularly perform very well when used to remove the fines between two crushing stages.

	Size (ft)	Number of Decks	hp	lbs
ASG4102	4×10	2	15	9300
ASG4102	4.5x10	2	20	10600
ASG5132	5x13	2	25	14300



### **Huck-Bolted Assembly**

Screen bodies with a conventional bolted assembly create extra labor costs, increase safety risks and reduce overall profitability because of bolts that rupture due to them loosening over time. AGGRETEK's AGS, ASI and ASH series vibrating screens come standard with huck-bolted assemblies that don't require constant maintenance. Saving you time and money while providing a safer job site.





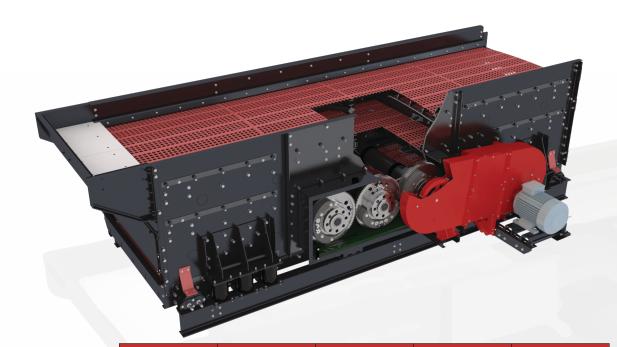
Our screens come in various sizes starting from 2 m2 (22 sqft) up to 16 m2 (172 sqft) and are equipped with up to four decks that can be supplied with different types of meshes, such as grizzly, perforated sheet, polyurethane and steel meshes, with washing options to meet the requirements of a wide range of applications.





	Size (ft)	Number of Decks	hp
ASI4132	4x13	2/3/4	15
ASI5132	5x13	2/3/4	15
ASI5162	5.2x16.4	2/3/4	20
ASI6162	6.6x16.4	2/3/4	25
ASI6202	6.6x20	2/3/4	30
ASI7202	7.9x20	2/3/4	
ASI8202	8.2×20.7	2/3/4	50

## SCREENS THE HEART OF EVERY QUARY OR MINE



	Size (ft)	Number of Decks	hp	rpm	lbs
ASH6162	6x16	2	40	675-875	20115
ASH6163	6x16	3	50	675-875	23973
ASH6202	6x20	2	40	675-875	21111
ASH6203	6x20	3	50	675-875	24970
ASH7162	7x16	2	50	675-875	22145
ASH7163	7x16	3	50	675-875	26004
ASH7202	7x20	2	50	675-875	23534
ASH7203	7x20	3	60	675-875	27392
ASH8162	8x16	2	50	675-875	24231
ASH8163	8x16	3	60	675-875	28089
ASH8202	8x20	2	50	675-875	25391
ASH8203	8x20	3	60	675-875	29249



AGGRETEK Horizontal Screens are a combination of quality, reliability, and performance; providing a long service life while operating under the most demanding applications.

Nowadays, customers are requiring tighter specifications for products for precisely shaped aggregate or closely-sized stone. As a result, tighter control over the process is of utmost importance and the most effective point to do that is at screening. For that critical step you can trust AGGRETEK Horizontal Screens.

The screens elliptical motion is combined with high acceleration, thereby bringing more power into play than in traditional screens. This "high power" feature delivers better performance in terms of both throughput and screening efficiency. The mounting arrangement of AGGRETEK Horizontal Screens is with coiled springs or with reinforced rubber springs (optional) depending on the application..



## WET PROCESSING KEEPING MATERIAL IN SPEC



AGGRETEK Bucket Wheel range of sand classification systems are designed to operate with maximum versatility for efficient dewatering and fine sand recovery from the solid-water suspension in the underflow of a washing screen or dissolving station. The twin bucket units provide the removal of clays, silts and slimes to produce up to 2 grades of sand.

#### **EXCELLENT FINE RECOVERY**

Sand from a washing screen becomes a solution with water and is fed into the bucket tank of the washer. Most of the course sand is taken away by the buckets, drained and discharged. The rest of this sand then floats in suspension to the auger tank. The courser of this sand, sinks to the bottom and is removed to the buckets for discharge by the auger screw. The silt, then floats away to the customers ponds. The water flow rate is an important factor, as a material with a high percentage of fines to be removed, will require a high volume of water.

	Drive		Water Consumption		Сара	Working	
	kW	HP	m3/hr	gpm	mtph	stph	rpm
ABW60	5.5	7.5	50-75	220-330	40-60	44-60	2-5
ABW100	7.5	10	75-100	330-440	60-100	66-110	2-5
ABW150	11	15	100-125	440-550	100-150	110-165	2-5

# WET PROCESSING KEEPING MATERIAL IN SPEC

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#### **OUTBOARD LBA**

Minimize or eliminate water and material contamination of the bearings due to seal wear.



	Size (DIA x L)	Max C	Max Capacity		Power Required	Screw	Weight
	inch x feet	stph	mtph	inch	hp	rpm	lbs
SINGLE							
ACWS3618	36x18	165-192	150-175	2 1/2	40	16-32	14300
ACWS4420	44x20	220-275	200-250	3	50	13-26	20000
DOUBLE		•				•	
ACWD3618	36x18	330-385	300-350	2 1/2	2x40	16-32	23800
ACWD4420	44x20	440-550	400-500	3	2x50	13-26	34200





Coarse material washers are used to remove a limited amount of dirty material from a coarse aggregate. This material includes very water soluble slimes, silts, soft clay, and organic particles. They are often used as a final wash following a wet screen and are designed to scrub and clean gravel and crushed stone up to 75mm (3") in size. Both single and double spiral units are available depending on the capacity required.

Classifying is accomplished when coarse material containing dirty material that has a specific gravity less than the coarse material is floated upwards and carried over the adjustable weirs at the back of the machine.

## KEEPING MATERIAL IN SPEC



Fine material washers, also frequently named dewatering screws are utilized to clean and dewater fine aggregates typically minus 10 mm or 5 mm (3/8" or 4mesh) to fine tune end products to meet specifications and to separate water soluble clay, silt, and micro sized fine particles.

Available in both single and twin screw configurations, fine material washers are most often used after a wet screening operation to process products such as concrete, mason, mortar.

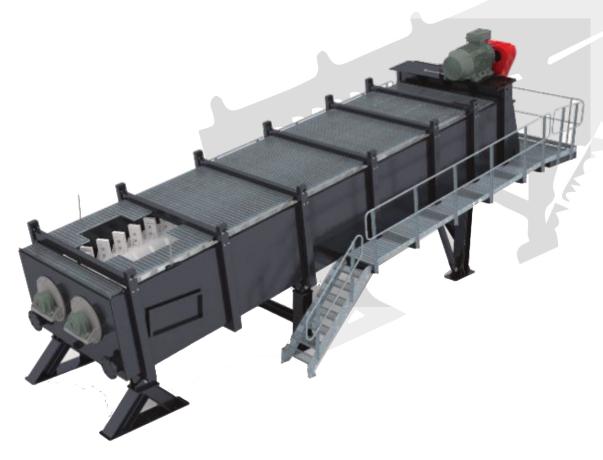


	Size (DIA x L)	Max Capacity		Max Feed Size	Power Required	Screw Speed	Weight
	inchxfeet	stph	mtph	inch	hp	rpm	lbs
SINGLE							
ASWS3625	36x25	110	100	3/8	15	21	14300
ASWS4432	44x32	192	175	3/8	25	17	23200
ASWS5434	54x34	250	275	3/8	40	14	33400
DOUBLE							
ASWD3625	36x25	220	200	3/8	2x15	21	24900
ASWD4432	44x32	385	350	3/8	2x25	17	41700
ASWD5434	54x34	550	500	3/8	2x40	14	58400

Used primarily for washing materials that have tough clay contaminant. Aggretek Log Washers are designed for washing all types of materials including hard rock-ore, limestone and gravel.







CRUSH - SCREEN - WASH - MOVE - REPEAT



#### **FEATURES**

- All AGGRETEK washers use true NI-HARD paddles.
- TEFC Motor into twin shaft output reducer with high service factor mechanically timed paddles
- · Full-length walk on tub body covers standard
- External bearings with external replacement
- · Thick-wall shafting
- Replaceable paddles
- Engineered to exceed CEMA 350
- Paint: Epoxy primer with UV-Resistant Urethane topcoat
- Manufactured in EN Structural Steel Certified Facility
- Galvanized stairs and platform (included)
- · Motor (included)
- Manufactured in EN Structural Steel Certified Facility

	ALW3630	ALW3635	ALW4430	ALW4835
Dimensions	36" x 30'	36" x 35'	44" × 30'	48" x 35'
HP	150	150	200	300
GPM	50-500	50-500	80-750	100-800
STPH	50-138	50-138	75-193	25-300
Material	3"	3"	4"	4"

### WET PROCESSING KEEPING MATERIAL IN SPEC











To ensure maximum efficiency from your washing plant the introduction of sand washing equipment is widely accepted as the number one choice. Compact sand plants are designed for aggregate producers requiring a fines recovery plant to support their existing operations by reducing the volume of fine material reporting to the settling pond. The range uses centrifugal force within the cyclone(s) to remove clay, silt and slime from sand to bring it into specification and combines a collection tank.



	Fluid Requirements		Hydrocyclone Sizes	DW Screen Motor	DW Screen Size	Pump inlet/ outlet	Pump Motor	System \	Weight			
		mtph	stph	gal/min	m3/h	inch	HP	feet	inch	HP	lb	kg
1	ASP70	70	77	440-880	140-200	20	2x5	4x8	8"/6"	40	13450	6100
	ASP100	100	110	880-1540	200 - 350	26	2x5	6x8	8"/6"	40	18100	8200
	ASP150	150	165	1320-1980	300 - 450	2X20	2x10	6x8	10"/8"	75	18700	8500
	ASP200	200	220	2640	600	2x26	2x5	6x13	10"/8"	40	22000	10000
	ASP250	250	275	3300	750	2x26	2x5	6x13	12"/10"	125	22500	10200

### PROPER FEEDING ENSURES EFFICIENT CRUSHING



AGGRETEK Apron Feeders are of rugged, heavy duty construction and designed to handle large lumps and where no fines removal is required or where fines are removed by a separate Scalper. When the feed material is wet, sticky or clay like, the Apron Feeder is the machine to select. Generally, the Apron Feeder can be installed in a horizontal or inclined position. The high inclination also allows to build compact installations and to reduce the length of the Apron Feeder keeping the investment costs low.

As an optional extra, AGGRETEK Apron Feeders can incorporate a Dribble Conveyor which is located under the feeder to catch the small pieces, fines and lumps of material that became trapped on the feed side of the apron flights and dribble out on the return side. This feature eliminates manual clean up and saves on man hours.





		AAF4815	AAF4818	AAF4826	AAF6015	AAF6018	AAF6026
Capacity / Chain Speed	Inch x feet	48×15	48x18	48x26	60x15	60x18	60x26
13 ft/min	stph	370	370	370	460	460	460
	mtph	335	335	335	415	415	415
20 ft/min	stph	550	550	550	680	680	680
	mtph	500	500	500	620	620	620
26 ft/min	stph	740	740	740	910	910	910
	mtph	670	670	670	830	830	830



### PROPER FEEDING ENSURES EFFICIENT CRUSHING



AGGRETEK grizzly feeders have been designed to excel in the harshest conditions and applications. High abrasion resistance, durable heat-treated drive console and high-quality vibrators ensure peak efficiency, reliable feeding and effective long-term operation with minimum breakdowns.



**VERSATILE FEEDING STRUCTURE** 



**PROVEN QUALITY VIBRATORS** 



		AGF208-1	AGF308-1	AGF3511-1	AGF3614-1	AGF4315-2	AGF4720-2	AGF4816-1	AGF4820-1	AGF5516-1	AGF5520-1	AGF6020-1
W×L	inch x feet	20x8	30x8	35x11	36×14	43x15	47×20	48x16	48x20	55x16	55x20	60x20
Drive	HP	2x7.5	2x10	2x15	2x15	2x15	2x20	2x20	2x20	2x20	2x20	2x25
Capacity*	stph	88-110	110-180	165-220	200-280	220-330	440-660	440-660	440-660	330-550	550-880	660-880
	mtph	80-100	100-160	150-200	180-250	200-300	400-600	400-600	400-600	300-500	500-800	600-800
Length of Grizzly	feet	2.5	2.5	3.3	3.6	4.6	9	6	9	6	9	9
Maximum Feed Size	inch	14	18	24	20	32	32	22	24	36	36	40
	mm	350	450	600	508	800	800	550	600	900	900	1000

#### PROPER FEEDING ENSURES EFFICIENT CRUSHING

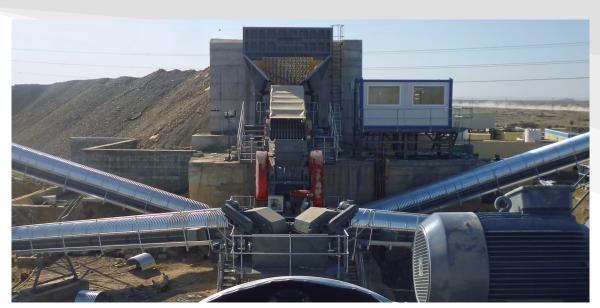


AGGRETEK pan feeders have been designed for the toughest conditions and applications. A variety of sizes and types make our feeders suitable for the constant feeding of crushers and screens after the primary crushing stage. Both base mounted and suspended models with large drive units and proper feed chutes are designed to make high feed rates even of coarse materials possible.



		APF265	APF336	APF407	APF447	APF597
W×L	inch x feet	26x5	33x6	40x7	47x7	59x7
Drive	HP	2x1.5	2x2	2x3	2x3	2x5
Capacity	stph	110-165	165-220	220-275	275-385	330-460
	mtph	100-150	150-200	200-250	250-350	300-420
Maximum Feed Size	inch	8	10	12	13	16
	mm	200	260	300	330	400
		APF265TM	APF336TM	APF407TM	APF447TM	APF597TM
W×L	inch x feet	26x5	33x6	40x7	47×7	59x7
Drive	HP	2x1.5	2x2	2x3	2x3	2x5
Capacity	stph	110-165	165-220	220-275	275-385	330-460
	mtph	100-150	150-200	200-250	250-350	300-420
Maximum Feed Size	inch	8	10	12	13	16
	mm	200	260	300	330	400
		APF265SM	APF336SM	APF407SM	APF447SM	APF597SM
W×L	inch x feet	26x5	33x6	40x7	47x7	59×7
Drive	HP	2x1.5	2x2	2x3	2x3	2x5
Capacity	stph	110-165	165-220	220-275	275-385	330-460
	mtph	100-150	150-200	200-250	250-350	300-420
Maximum Feed Size	inch	8	10	12	13	16
	mm	200	260	300	330	400
		APF265BM	APF336BM	APF407BM	APF447BM	APF597BM
W×L	inch x feet	26x5	33x6	40×7	47×7	59×7
Drive	HP	2x1.5	2x2	2x3	2x3	2x5
Capacity	stph	110-165	165-220	220-275	275-385	330-460
	mtph	100-150	150-200	200-250	250-350	300-420
Maximum Feed Size	inch	8	10	12	13	16
	mm	200	260	300	330	400

### PROPER FEEDING ENSURES EFFICIENT CRUSHING,



AGGRETEK pan feeders with grizzly scalper have been designed for the most difficult conditions and applications. Various grizzly bar options make our feeders suitable for primary separation applications. Compact and high capacity with an effective grizzly design and a second deck allows for effectively liberating more fines.

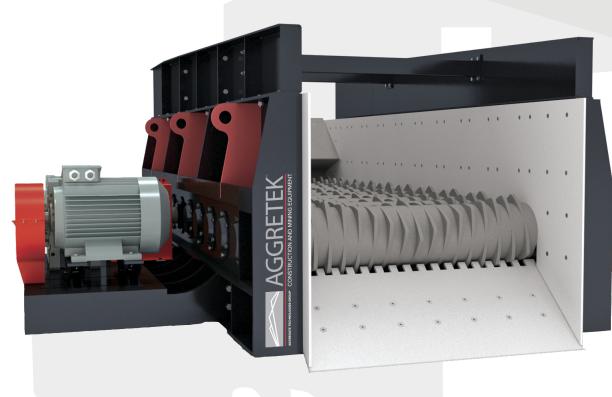
		AGS3012	AGS3014	AGS 1880
WxL / Feeder	inch x feet	43x15	55x16	71×16
WxL/Scalper	inch x feet	47×10	55x10	71×10
F (Feeder) S (Scalper)	HP	F: 2x15 S: 2x15	F: 2x20 S: 2x20	F: 2x20 S: 2x20
Capacity	stph	220-330	330-550	880-1320
	mtph	200-300	300-500	800-1200
Maximum Feed Size	inch	32	36	47
	mm	800	900	1200





### PROPER FEEDING ENSURES EFFICIENT CRUSHING





		AFW3911	AFW4711	AFW5513	AFW6313	AFW6316
W×L	inch x feet	39x11	47×11	55x13	63x13	63x16
Drive	HP	30	30	40	50	60
Capacity	stph	220-330	330-440	385-496	440-550	550-660
	mtph	200-300	300-400	350-450	400-500	500-600



Especially in case of difficult to screen, wet, sticky bulk materials this kind of feeding and scalping distinctly outclasses the traditional screening machines, which frequently show baking and adhesions with these materials. The positive action of the rotating triangular bars causes material to tumble forward assuring separation of fines and a uniform feed rate. In heavy duty, high capacity applications, the wobbler is often fed from a heavy duty apron feeder.





# WHEELED PORTABLES COMPACT, SOLID AND EASY TO SET UP





# MATERIAL HANDLING THE KEY TO CONSISTENT RESULTS

The quality of conveyor systems in quarries and mining sites is crucial in establishing a trouble-free connection between the crushing and screening equipment. AGGRETEK conveyor systems are made of a solid steel frame and equipped with the best parts to ensure trouble-free operation.



# TEK | MATERIAL HANDLING THE KEY TO CONSISTENT RESULTS

Designed to remove dangerous unwanted ferrous materials from your feed. AGGRETEK offers a full line of Permanent and Electro magnets in Stationary or Self-Cleaning.





	MAGNET SIZE	Wt. Ibs	FOR USE WITH
AEMSC24	24" × 24"	1704	18" - 20" Belt
AEMSC30	30" x 30"	2204	24" - 26" Belt
AEMSC36	36" x 36"	3071	30" - 32" Belt
AEMSC42	42" x 42"	4805	36" - 38" Belt
AEMSC48	48" x 48"	6260	42" - 44" Belt
AEMSC54	54" x 54"	7721	48" - 50" Belt
AEMSC60	60" x 60"	10849	54" - 56" Belt
AEMSC66	66" x 66"	13574	60" - 62" Belt
AEMSC72	72" x 72"	18625	66" - 68" Belt
AEMSC78	78" x 78"	25650	72" - 74" Belt
AEMSC84	84" x 84"	32675	78" - 80" Belt
AEMSC96	96" x 96"	46725	90" - 92" Belt
AEMSC108	108" x 108"	60775	102" - 104" Belt
AEMSC120	120" x 120"	74825	114" - 116" Belt

	MAGNET SIZE	Wt. Ibs	FOR USE WITH
AEM24	24" × 24"	960	18" - 20" Belt
AEM30	30" x 30"	1460	24" - 26" Belt
AEM36	36" x 36"	2332	30" - 32" Belt
AEM42	42" × 42"	3768	36" - 38" Belt
AEM48	48" x 48"	4790	42" - 44" Belt
AEM54	54" x 54"	6634	48" - 50" Belt
AEM60	60" x 60"	8704	54" - 56" Belt
AEM66	66" x 66"	11160	60" - 62" Belt
AEM72	72" × 72"	15101	66" - 68" Belt
AEM78	78" x 78"	21600	72" - 74" Belt
AEM84	84" x 84"	27100	78" - 80" Belt
AEM96	96" x 96"	38050	90" - 92" Belt
AEM108	108" × 108"	49050	102" - 104" Belt
AEM120	120" x 120"	60000	114" - 116" Beltv

## TEK | MATERIAL HANDLING g equipment | THE KEY TO CONSISTENT RESULTS

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MAGNET SIZE	Wt. Ibs	FOR USE WITH
24" x 24"	1704	18" - 20" Belt
30" x 30"	2204	24" - 26" Belt
36" x 36"	3071	30" - 32" Belt
42" x 42"	4805	36" - 38" Belt
48" x 48"	6260	42" - 44" Belt
54" x 54"	7721	48" - 50" Belt
60" x 60"	10849	54" - 56" Belt
66" x 66"	13574	60" - 62" Belt
72" x 72"	18625	66" - 68" Belt
78" x 78"	25650	72" - 74" Belt
84" x 84"	32675	78" - 80" Belt
96" x 96"	46725	90" - 92" Belt
108" x 108"	60775	102" - 104" Belt
120" × 120"	74825	114" - 116" Belt
	24" × 24"  30" × 30"  36" × 36"  42" × 42"  48" × 48"  54" × 54"  60" × 60"  66" × 66"  72" × 72"  78" × 78"  84" × 84"  96" × 96"  108" × 108"	24" x 24" 1704 30" x 30" 2204 36" x 36" 3071 42" x 42" 4805 48" x 48" 6260 54" x 54" 7721 60" x 60" 10849 66" x 66" 13574 72" x 72" 18625 78" x 78" 25650 84" x 84" 32675 96" x 96" 46725 108" x 108" 60775

	MAGNET SIZE	Wt. lbs	FOR USE WITH
APNSC24	24" x 24"	1322	18" - 20" Belt
APNSC30	30" x 30"	1543	24" - 26" Belt
APNSC36	36" x 36"	1984	30" - 32" Belt
APNSC42	42" x 42"	2645	36" - 38" Belt
APNSC48	48" x 48"	3100	42" - 44" Belt
APNSC54	54" x 54"	4400	48" - 50" Belt
APNSC60	60" x 60"	5500	54" - 56" Belt
APNSC66	66" x 66"	6175	60" - 62" Belt
APNSC72	72" x 72"	6600	66" - 68" Belt
APNSC78	78" x 78"	8800	72" - 74" Belt
APNSC84	84" x 84"	13250	78" - 80" Belt
APNSC96	96" x 96"	15400	90" - 92" Belt
APNSC108	108" x 108"	17600	102" - 104" Belt
APNSC120	120" x 120"	19800	V