

PORTABLE CRUSHING & SCREENING



PORTABLE JAW PLANTS

Astec portable jaw crushing plants represent the very latest in jaw crusher technology. Engineered to be the highest capacity jaw crusher on the market, our plants can deliver up to 25% more tons per hour than other comparable plants. Pair that with heavy-duty flywheels for reduced horsepower requirements and class-leading stroke for higher capacity, and you have a machine that will help you get the most out of your operation.





1 Large Flywheels

Large, dynamically-balanced flywheels reduce peak horsepower requirements and yield lower cost-per-ton product.

2 Class-Leading Stroke

The class-leading, 1½" stroke offers faster throughput for higher capacity.

3 Ease-of-Access

Easy access to all controls provides quick setup, smooth operation and simplified maintenance.

4 Durable Construction

Several models are equipped with an I-beam frame, heavy-duty axles and AR-lined chutes. Our jaw crushing plants are engineered for maximum durability.

5 Portability

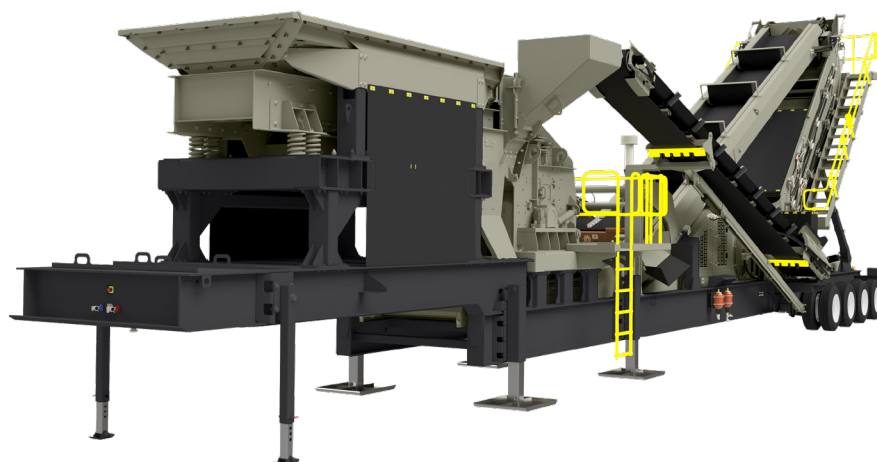
Our portable plants offer the same efficient and reliable performance as our stationary and mobile plants while providing versatility for ideal application flexibility.

Model	Dimensions (H x W x L)		Total Weight		Max. Feed Size	
	Feet	Meters	Pounds	Kilograms	Inches	Millimeters
CS2650	13.8 x 11.0 x 71.0	4.2 x 3.4 x 21.6	115,400	52,340	21	533
CS3055	13.5 x 11.0 x 48.7	4.1 x 3.3 x 14.8	123,500	56,000	24	610
CS3365	14.4 x 12.0 x 60.5	4.4 x 3.7 x 18.4	161,700	73,300	26	660
H2238 PP-VGF	13.5 x 9.8 x 41.4	4.1 x 3.0 x 12.6	68,370	31,000	18	450
H3244 PP-VGF	13.5 x 9.9 x 41.2	4.1 x 3.0 x 12.6	100,190	45,440	26	660
H3450 PP-VGF	14.2 x 11.9 x 54.0	4.3 x 3.6 x 16.4	164,790	74,730	27	690

PORTABLE HSI PLANTS

Accommodating three- or four-blow bar configurations, our portable horizontal shaft impactor (HSI) plants offer the adaptability and capacity required to meet high production demands. A large feed opening and a high-performance MPR rotor make these impact crushers well-suited for recycle and aggregate processing applications. With up to 30% more uptime and 25% more production than competitive models, these plants deliver exceptional performance.





1 MPR Rotor

Our HSI plants can be configured with a 3- or 4-bar MPR Rotor*, creating a large reduction ratio ideal for operations where maximum performance is required.

2 Durable Construction

Equipped with an I-beam frame, heavy-duty axles and AR-lined chutes, our portable HSI plants are engineered for maximum durability.

3 Ease-of-Access

With a wide variety of options, including feeder sizes, belt widths and axle configurations, our HSI plants can be configured to suit a wide variety of demanding applications.

4 Application Flexibility

Designed to be used in recycled concrete, recycled asphalt, aggregate quarrying and mining quarrying applications, our portable HSI plants offer exceptional flexibility for producers on the move.

5 Portability

Our portable plants offer the same efficient and reliable performance as our stationary and mobile plants while providing versatility for ideal application flexibility.

*ProSizer® 3100 designed with a 2-bar MPR Rotor.

Model	Dimensions (H x W x L)		Total Weight		Max. Feed Size	
	Feet	Meters	Pounds	Kilograms	Inches	Millimeters
ProSizer® 3100	13.9 x 11.9 x 66.4	4.2 x 3.6 x 20.2	82,000	37,200	6	150
ProSizer® 3600	13.5 x 11.8 x 78.1	4. x 3.6 x 23.8	125,100	56,700	12	300
ProSizer® 4200	13.9 x 11.8 x 66.2	4.2 x 3.6 x 20.2	136,400	61,900	21	530
CS3646	13.8 x 11.1 x 50.3	4.2 x 3.4 x 15.3	74,300	33,700	12	300
CS4250	13.3 x 11.9 x 48.7	4.0 x 3.6 x 14.8	94,000	42,600	21	530
CS4250CC	13.7 x 11.9 x 54.0	4.3 x 3.6 x 16.5	127,120	57,660	24	610
CS5260	14.5 x 11.9 x 48.8	4.4 x 3.6 x 14.9	99,390	45,070	8	200
SS4250	13.6 x 11.9 x 50.0	4.2 x 3.6 x 15.2	110,840	50,270	8	200
SS5260	13.9 x 12.0 x 69.0	4.2 x 3.7 x 21.0	119,650	54,300	21	530
PA6060 PP-VGF	15.0 x 11.5 x 52.9	4.6 x 3.5 x 16.1	180,190	81,900	40	1020

PORTABLE VSI PLANTS

The efficient and versatile design of Astec portable vertical shaft impactor (VSI) plants delivers highly-consistent end products for jobs that demand precision. These plants can produce up to 500 tons per hour and have the option of running in standard, semi-autogenous and fully-autogenous configurations. Capable of meeting the most stringent material specifications, our portable VSI crushing plants allow you to meet the challenges of any job.





1 Application Flexibility

Multiple configurations of shoe table, rotor, anvil ring or hybrid rock shelf deliver proper internal crusher geometry for maximum production at the lowest cost.

2 Hydra-Arm

Hydra-arm assembly lifts the crusher lid for 360-degrees of internal crusher viewing and maintenance. Lid assembly is equipped with bolt-on liners and large inspection doors for internal component viewing and safe, easy access to wear liners.

3 Adjustable Impact Zone

Anvil ring and hybrid rock shelf are adjustable to provide proper alignment for maximum crushing efficiency and wear part utilization.

4 Externally-Adjustable Feed Tube

Heavy-duty construction and an externally-adjustable feed tube compensate for excessive wear normally experienced by other non-adjustable systems

5 Portability

Our portable plants offer the same efficient and reliable performance as our stationary and mobile plants while providing versatility for ideal application flexibility. .

Model	Height		Width		Length		Total Weight		Max. Feed Size		Capacity	
	Feet	Meters	Feet	Meters	Feet	Meters	Pounds	Kilograms	Inches	Millimeters	TPH	MTPH
1500EV	12.83	3.9	9.33	2.8	35.58	10.80	30,480	13,825	2	50.8	150	136
2500EV	13.42	4.1	13.33	4.1	41.92	12.8	44,300	20,094	3	76	300	272
2500EVT	13.33	4	11.17	3.4	41.92	12.20	48,360	21,936	3	76.20	300	272
3500EVT	15.25	4.6	13.58	3.1	38.08	11.6	57,000	25,855	3	76	350	318
4500EVT	15.42	4.7	10.42	3.2	38.08	11.6	58,260	26,426	5	127	500	453

PORTABLE CONE CRUSHERS

The patented innovations behind Astec portable cone crushing plants provide the efficiency needed to hit financial goals and the worry-free operation demanded from rugged machinery. A unique roller bearing design reduces operating expenses by up to 50 percent, while improving production and energy efficiency. Our portable cone crushing plants meet coarse and fine crushing application requirements and offer on-the-fly adjustability for easy operation.





1 Standard Cone Plants

Our standard portable cone crushing plants feature a heavy-duty Kodiak® Plus roller bearing cone crusher with a 42-inch rear discharge conveyor or optional 42-inch front discharge conveyor and overflow feed chute.

2 In & Out Cone Plants

In & Out cone crushing plants feature a Kodiak® Plus cone crusher, a 42-inch rear feed conveyor, a 42-inch rear discharge conveyor and come standard with an overflow feed chute. These plants are designed specifically to operate in closed-circuit with a plant-mounted feeder conveyor (PMFC) screening plant.

3 Portable Cone and Screen Plants

Our portable cone and screen plants feature a Kodiak® Plus cone crusher and a triple-shaft, horizontal, low-profile screen. These closed-circuit plants also contain a reversing cross conveyor for open-circuit operation. Multiple axle configurations are available to meet producers' portability needs. Various product discharge chutes or cross conveyor options are available, as well as feed conveyor drive options.

Model	Cone	Screen	Max. Capacity		Travel Dimensions (H x W x L)	
			TPH	MTPH	Feet	Meters
K200PM	K200+	-	385	350	12.92 x 10.42 x 48	3.94 x 3.17 x 14.63
K200-6203CC	K200+	6203-32LP	385	350	14 x 12 x 73.67	4.26 x 3.65 x 22.45
K300PM	K300+	-	460	417	13.17 x 11.25 x 48	4.01 x 3.43 x 14.63
K300PM In & Out	K300+	-	460	417	13.33 x 11.92 x 64.17	4.06 x 3.63 x 19.55
K300-6203CC	K300+	6203-32LP	460	417	14 x 12 x 73.67	4.26 x 3.65 x 22.45
K350PM	K350+	-	506	459	13.25 x 11.11 x 49.13	4.03 x 3.39 x 15
K350PM In & Out	K350+	-	506	459	13.5 x 11.92 x 64.17	4.11 x 3.63 x 19.56
K350-6203CC	K350+	6203-32LP	506	459	14.5 x 12 x 79.23	4.42 x 3.36 x 24.15
K400PM	K400+	-	625	567	13.83 x 11.25 x 48	4.22 x 3.43 x 14.63
K400PM In & Out	K400+	-	625	567	13.5 x 11.92 x 64.17	4.11 x 3.63 x 19.55
K500PM	K500+	-	830	753	13.83 x 11.92 x 50.33	4.22 x 3.63 x 15.34

PORTABLE SCREEN PLANTS

Astec portable screening plants are engineered to provide higher production capacities and more efficient sizing compared to competitive screens. Engineered for a wide range of applications, these screening plants enable producers to succeed in a variety of markets including recycling, aggregate, mining, biomass and industrial materials. We offer a broad product range, including oval stroke horizontal, incline and high frequency screening plants.





1 Application Flexibility

Screening plant designs allow for a variety of applications, ranging from scalping to finishing screens for recycling, aggregate, mining, biomass and industrial materials.

2 Product Diversity

Our portable screening plant line includes oval stroke horizontal, incline and high frequency screening plants.

3 Flexible Design

The flexible designs on our portable screening plants can be custom-engineered to meet most height and weight restrictions.

4 Blending Capabilities

Industry-leading blending capabilities allow for the production of many different product specifications, offering exceptional flexibility and performance.

5 Portability

Our portable plants offer the same efficient and reliable performance as our stationary and mobile plants while providing versatility for ideal application flexibility.

Model	Speed	Max. Stroke		Max. Feed		Slope	Screen Size Range	
	RPM	Inches	Millimeters	Inches	Millimeters	Degrees	Feet	Meters
Incline Screens	1,200	.38	9.5	6	152	18 - 35	4 x 8 – 5 x 12	1.2 x 2.4 – 1.5 x 3.7
Horizontal Screens	675 - 875	.75	19	10	254	0	6 x 20 – 8 x 24	1.8 x 6.1 – 2.4 x 7.3
High Frequency Screens	1,200 – 4,200	.09	2.4	6	152	38 - 45	6 x 12 – 6 x 18	1.8 x 3.7 - 1 .8 x 5.5



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