MOBILE CRUSHING & SCREENING



ASTEC

MOBILE JAW PLANTS

Astec jaw plants are built for maximum jaw crushing mobility. Featuring Pioneer® series jaw crushers, these plants offer up to 25% more capacity than competitive models and are equally effective in aggregate or recycling applications. Our mobile plants allow stationary and portable producers to benefit from on-site mobility.





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 CAT Power Units
CAT power units offer unparalleled reliability and performance.

5 Durable Construction
Plants are equipped with standard T1 feed hoppers and fabricated tubular frame construction for maximum durability.

6 Overload Protection System
Overload protection system monitors engine loads and hydraulic circuit pressures to maximize production. The hoppers and fabricated tubular frame construction offer maximum durability.

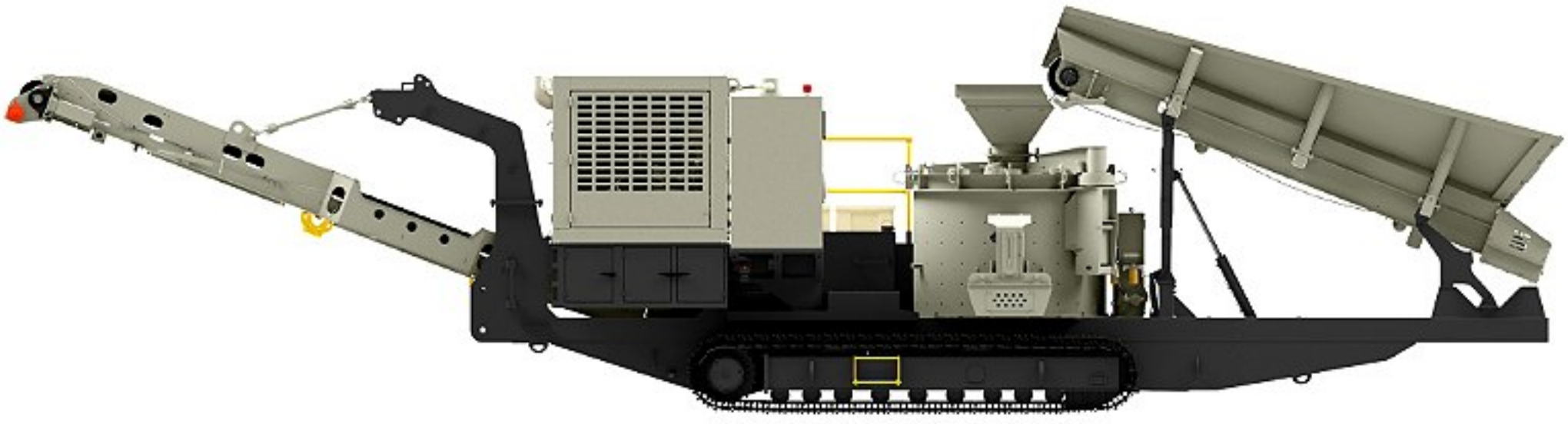
7 Mobile Family
Our series of mobile jaw crushers can be operated independently or easily combined in circuits with other mobile products.

Model	Crusher Dimensions		Feeder Dimensions		Plant Weight	
	Inches	Millimeters	Inches x Feet	Millimeters	Pounds	Kilograms
GT125	27 x 42	686 x 1,067	40 x 14	1,016 x 4,267	81,000	36,741
FT2650	26 x 50	660 x 1,270	50 x 15	1,270 x 4,572	96,000	43,545
FT3055	30 x 55	762 x 1,397	50 x 18	1,270 x 5,486	124,000	56,245

MOBILE VSI PLANTS

Astec vertical shaft impactor plants are built to produce quality sand and aggregate products. These plants are designed for high capacity, producing up to 300 tons per hour, while delivering highly-consistent end products for jobs that demand precision. With the ability to run in standard, semi-autogenous and fully-autogenous configurations, our mobile impactor plants meet the most stringent material specifications, allowing producers to meet the challenges of any job they face.





1 Product Quality

These plants are capable of delivering highly-consistent end products with excellent particle shape, allowing producers to meet the most stringent material specs.

2 Twin Hydraulic Drive

The twin hydraulic drive allows tip speed to be fully adjustable from an automated control panel, providing easy speed adjustment and allowing producers to fine-tune product gradation and cubicity.

3 Maintenance

Power-lift, hydra-arm system for crusher lid and self-contained low pressure bearing oil lube system provide simplified maintenance.

4 CAT Engine

CAT C13 Tier 4 Engine meets the latest emission requirements, offering reliability and performance.

5 Mobile Family

Our mobile VSI crushers can be operated independently or easily combined in circuits with other mobile products.

Model	Crusher Diameter		Belt Feeder		Plant Weight*	
	Inches	Millimeters	Inches x Feet	Millimeters	Pounds	Kilograms
FT2500	72.375	1,838	42 x 16	1,067 x 4,876	72,000	32,658

**Plant weight listed without return conveyor*

MOBILE HSI PLANTS

Astec horizontal shaft impactor plants are one of the only continuously crushing and tracking impactors on the market. These plants deliver up to 25% more production and up to 30% more uptime than competitive models. Delivering dramatically exceptional performance with an easily-adjustable interface, aggregate producers and recyclers alike will benefit from the availability of open- or closed-circuit configurations, complete with a screen and recirculating conveyor.





1 Continuous Crushing & Tracking

Larger screens on closed-circuit plants can crush while tracking, which provides up to 50% more capacity than comparable models.

2 Maximum Performance Rotor

A large reduction ratio is achieved with our maximum performance rotor, available in 3- and 4-bar configurations.

3 Durable Construction

Plants are equipped with standard T1 feed hoppers and fabricated tubular frame construction for maximum durability.

4 Ease-of-Use & Portability

Easy access to all controls allows for quick set up, operation and maintenance. The ability to produce final products with a single machine reduces transportation costs and minimizes footprint.

5 Overload Protection System

The overload protection system monitors engine loads and hydraulic circuit pressures to maximize production.

6 Mobile Family

Our series of mobile HSI crushers can be operated independently or easily combined in circuits with other mobile products.

7 Hybrid Power Options

Hybrid-powered equipment offers the rugged performance producers need with environmentally-conscious features like reduced noise levels and fewer emissions, as well as lower operating costs.

8 CAT/Cummins Power Unit Engine

CAT/Cummins power units offer reliability and performance.

Model	Crusher		Feeder		Plant Weight	
	Inches	Millimeters	Inches x Feet	Millimeters	Pounds	Kilograms
GT440CC	42 x 40	1,067 x 1,016	40 x 14	1,016 x 4,267	97,000	44,000
GT440OC	42 x 40	1,067 x 1,016	40 x 14	1,016 x 4,267	82,700	37,500
FT4250CC	42 x 50	1,067 x 1,270	50 x 15	1,270 x 4,572	112,500	51,029
FT4250OC	42 x 50	1,067 x 1,270	50 x 15	1,270 x 4,572	99,000	44,906
FT5260	52 x 60	1,321 x 1,524	50 x 18	1,270 x 5,486	125,000	56,699

MOBILE CONE PLANTS

Astec cone plants are engineered for maximum crushing productivity. The unique roller bearing design of the Kodiak® cone crusher can reduce operating expenses by up to 50% while also increasing efficiency. Mobile and stationary producers alike will benefit from quick, on-site movement.





1 Ideal Stroke & Speed

An ideal combination of geometry, stroke and speed delivers an aggressive crushing action and increased capacity.

2 Tramp Iron Relief System

A patented tramp iron relief system protects the crusher from costly failures by minimizing crusher overload impact shock loads transmitted to the crusher components.

3 Liner Flexibility

A large range of liners is available to suit various applications.

4 CAT/Cummins Power Unit Engine

CAT/Cummins power units offer reliability and performance.

5 Ease-of-Use & Portability

Minimal electronics ensure easy maintenance and troubleshooting. A low-profile and compact design allows for easy access to all controls for setup.

6 Mobile Family

Our series of mobile cone crushers can be operated independently or easily combined in circuits with other mobile products.

Model	Crusher	Belt Feeder		Plant Weight	
		Inches x Feet	Millimeters	Pounds	Kilograms
FT200OC	K200+	42 x 16	1,050 x 4,880	99,000	44,900
FT200CC	K200+	42 x 16	1,050 x 4,880	115,000	52,200
FT300OC	K300+	42 x 16	1,050 x 4,880	104,000	47,200

MOBILE SCREEN PLANTS

Astec screen plants are engineered to provide higher production capacities and more efficient sizing than comparable screens. From horizontal and inclined screens to high frequency screens, we offer equipment that fits each operation's unique needs. Our mobile plants combine heavy-duty screens with industry-leading conveyor heights. A large range of media provides flexibility for a variety of applications.





1 Industry-Leading Conveyor Heights

These plants combine heavy-duty screens with industry-leading conveyor heights for maximum stockpile capacity. A large range of media provides flexibility for a variety of applications.

2 Durable Construction

Heavy-duty tracks combined with a fabricated channel frame construction offers maximum durability. Hardox wear plates fitted as standard.

3 CAT Power Units

CAT power units offer unparalleled reliability and performance.

4 Ease-of-Use & Portability

Minimal electronics ensure easy maintenance and troubleshooting. A low-profile and compact design allows for easy access to all controls for setup.

5 Mobile Family

Our series of mobile screen plants can be operated independently or easily combined in circuits with other mobile products.

Model	Screen Size		Number of Decks	Plant Weight	
	Feet	Millimeters		Pounds	Kilograms
GT104	4 x 9	1,219 x 2,743	2	35,000	15,876
GT165	5 x 16	1,524 x 4,877	2	75,000	34,019
GT206	6 x 20	1,829 x 6,096	2	84,000	38,102
GT145*	5 x 14	1,524 x 4,267	2 or 3	71,000	32,205
GT205*	5 x 20	1,524 x 6,096	2 or 3	82,800	37,558
FT2618V	6 x 18	1,829 x 5,486	2	62,000	28,123
GT2612V	6 x 12	1,829 x 3,660	2	62,900	28,500
KDS710	10 x 6.75	3,048 x 2,057	2	28,180	12,782

Media Available:
Punch plate top deck up to 5"
Wire cloth top deck up to 4"
Grizzly bar top deck 3", 4", 5", 6"
Finger bar top deck 1 ½", 2", 3", 4", 5", 6"
**GT145 and GT205 also available as a multi-frequency screen*

MOBILE CONVEYORS

Astec heavy-duty mobile conveyors reduce the need for hauling on site and are ideal for crushing and screening applications. With a variety of tracked stockpiling conveyor options, these products offer mobility and flexibility for a wide range of materials and applications, including stockpiling and truck loading.





1 Self-Contained Power Units
Self-contained power units offer reliability and performance.

2 Durable Construction
Heavy-duty tracks combined with a fabricated channel frame construction offer maximum durability. Hardox wear plates fitted as standard.

3 Ease-of-Use & Portability
Minimal electronics ensure easy maintenance and troubleshooting. A low-profile and compact design allows for easy access to all controls for setup.

4 Maximum Stockpile Capacity
Conveyors offer maximum stockpile capacity and can eliminate or reduce truck hauling and loader use, for reduced fuel, maintenance and labor costs.

5 Mobile Family
Our mobile conveyors can be operated independently or easily combined in circuits with other products.

	Belt Conveyor		Plant Weight	
Model	**Inches x Feet**	**Millimeters x Meters**	**Pounds**	**Kilograms**
GT3260	32 x 60	800 x 18.28	18,607	8,440
GT3260R	32 x 60	800 x 18.28	18,960	8,600
GT3660	36 x 60	914 x 18.28	22,450	10,183
GT3680	36 x 80	914 x 24.38	30,865	14,000
GT3680R	36 x 80	914 x 24.38	33,070	15,000
GT4280	42 x 80	1,050 x 24.38	26,455	12,000
GT4280R	42 x 80	1,050 x 24.38	35,274	16,000
GT42100	42 x 100	1,050 x 30.5	33,070	15,000
GT48100	48 x 100	1,200 x 30.5	56,217	25,500

RANGER® LINE

Our complete line of compact mobile plants includes jaw crushers, impact crushers, cone crushers, screens and trommels. The Ranger® line of mobile units serves a variety of markets, including building and construction, landscaping, quarry operations and plant and tool hire. The ease-of-use, ease-of-transport, versatility and flexibility of these track units make them ideal for smaller operations that require powerful equipment with a limited footprint.





Model	Component	Travel Length		Travel Width		Travel Height		Weight	
		Feet	Meters	Feet	Meters	Feet	Meters	Pounds	Kilograms
J20	Jaw Crusher	31.58	9.6	8.33	2.6	9.66	2.9	57,320	26,000
I30	Horizontal Shaft Impactor	31	9.4	7.42	2.3	8.66	2.7	51,765	23,500
I30CC	Horizontal Shaft Impactor	39	11.9	8.25	2.5	10.16	3.1	65,040	29,500
C12	Cone Crusher	34.58	10.6	7.42	2.3	9.83	3	49,200	22,300
SF10	High Incline Screen	28.58	8.7	7.58	2.3	8.42	2.6	25,350	11,500
SDF10	Direct Fed Screen	34.83	10.6	7.42	2.6	8.42	3	30,865	14,000
SDF13	Direct Fed Screen	35	10.7	8.33	2.6	9.83	3	41,000	18,600
SRT11	Trommel Screen	33.75	10.3	7.66	2.3	11.08	3.4	36,375	16,500
SRT20	Trommel Screen	38	11.5	9.83	2.8	11.08	3.4	48,500	22,000

ASTEC™

www.astecindustries.com

All specifications subject to change without notice. Products shown are representative, details may vary. Equipment shown with options available at additional cost.

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