MX SERIES GYRATORY CRUSHER

PERFORMANCE FEATURE

Heavy-Duty Design
The high-strength design of the upper and lower shells, as well as the integrated design of the mainshaft and head, ensures stable operation and extended service life under harsh crushing conditions.

Optimized Spider Structure
The spider is locked to the top shell through a machined interference taper fit, keeping the spider from coming loose and enhancing reliability. It is equipped with an automatic lubrication system for ease of maintenance, allowing the replacement of spider bushings and seal components without disassembly, thereby improving maintenance efficiency.

Multi-Eccentricity Design
Adjustable eccentric settings cater for various production conditions.

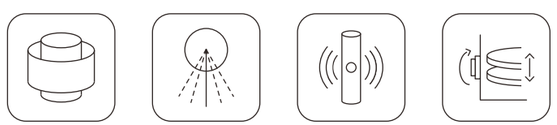
Optimized Backlash Adjustment Design
The gear backlash can be adjusted externally, making the adjustment process more convenient.

Positive Pressure Sealing Design
Equipped with a positive pressure fan, dust is effectively prevented from entering the oil cavity to extend the service life of the bearings and bushings.

Convenient Mainshaft Position Adjustment System
The internally-mounted mainshaft position sensor enables real-time monitoring of the mainshaft position, facilitating easier closed side setting.

Modular Lubrication and Hydraulic System Design
The integrated oil tank is divided into two compartments, enabling the lubrication and hydraulic systems to function independently. The main lubrication system and the pinion lubrication system each have their own dedicated oil circuits, interlocked with the main unit to provide protection against anomalies in oil temperature, pressure, and flow.

Mainly applied in metal mining and aggregate industries, it is used for the primary crushing of various ores and rocks. Consequently, it offers advantages such as high processing capacity, efficient crushing, a large reduction ratio, and low energy consumption.



Main Technical Specification

Model	Feed opening size (mm)	Recommended Max. feed size (mm)	Motor power (kW)	O.S.S. (mm)	Capacity (t/h)	Weight (t)
MX4265	1100	900	400	140–175	1480–2170	120
MX5065	1300	1050	400	150–175	2090–2610	154
MX5475	1400	1150	500	150–200	2400–3230	244
MX6089	1500	1300	630	165–230	3950–5400	396

Capacity

Model	Capacity (t/h)							
	Open Side Setting （mm）							
	140	150	165	175	190	200	215	230
MX4265	1480	1730	1950	2170				
MX5065		2090	2470	2610				
MX5475		2400	2700	2870	3060	3230		
MX6089			3950	4210	4650	4850	5130	5400

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

ME SERIES
JAW CRUSHER

Mainly applied in industries, e.g. metal mining, aggregate production, construction recycling, and industrial slag, this equipment is typically used for primary crushing of materials. It can be continuously fed by Hansy's HGL series feeders, and consequently brings high processing capacity, easy installation, and simple maintenance.

PERFORMANCE FEATURE

Boltless Installation
The equipment is installed without the need for anchor bolts, utilizing shock-absorbing pads and limiting blocks for secure positioning. The design ensures excellent balance and stable operation.

Weld-free Frame Design
The shell adopts a weld-free modular design, avoiding stress concentration under impact loads which causes a shorter service life.

Integrated Motor Design
The drive motor is integrated into the crusher, without the need for a separate installation foundation. This compact design simplifies installation.

Dual Wedge C.S.S. Adjustment Design
Equipped with a dual-wedge hydraulic adjustment system, the closed side setting can be adjusted easily and swiftly. Both mechanical and hydraulic adjustment options are available.

Dynamic Overload Protection System
Designed specifically for industries such as steel slag and construction recycling with specialized crushing requirements, this system can be equipped with dynamic overload protection. It automatically restores normal operation by discharging uncrushable materials, such as steel blocks, through unloading and buffering mechanisms, ensuring effective overload protection.

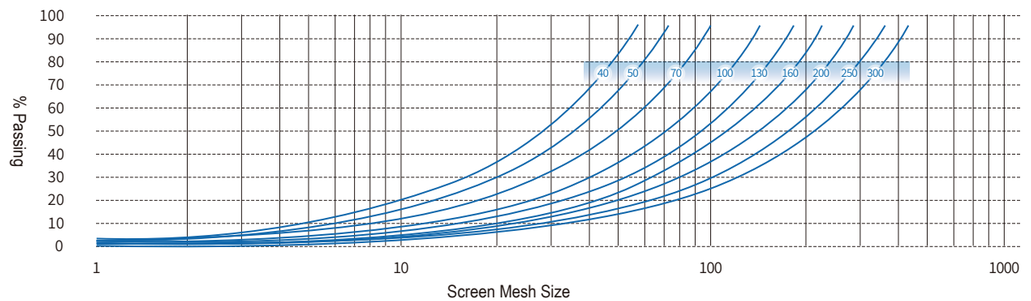
Main Technical Specification

Model	Feed opening size (mm)	Recommended Max. feed size (mm)	Motor power (kW)	C.S.S. (mm)	Capacity (t/h)	Weight (t)
ME80	800×510	420	75	40–175	65–365	9.5
ME96	930×580	480	90	60–175	120–410	12.2
ME100	1000×760	630	110	70–200	140–510	23.5
ME106	1060×700	580	110	70–200	165–520	18.6
ME116	1150×760	650	132	70–200	180–540	22.3
ME120	1200×870	700	160	70–175	190–560	31.5
ME125	1250×950	760	160	100–250	260–775	44.0
ME130	1300×1000	800	185	100–250	285–850	45.8
ME140	1400×1070	860	200	125–250	345–870	54.2
ME150	1400×1200	1000	220	125–250	355–900	61.0
ME160	1600×1200	1000	250	150–300	445–1170	88.2
ME200	2000×1500	1200	400	175–300	645–1460	137.0

Capacity

Model	Capacity (t/h)														
	Closed Side Setting (mm)														
	40	50	60	70	80	90	100	125	150	175	200	225	250	275	300
ME80	65–90	75–110	95–130	110–150	120–160	140–195	150–210	190–270	225–310	260–365					
ME96			120–145	140–165	150–190	170–220	190–250	240–300	280–350	320–410					
ME100				140–195	160–220	175–240	195–270	235–330	280–385	325–450	370–510				
ME106				165–200	180–230	200–250	220–285	270–350	320–400	370–470	410–520				
ME116				180–225	195–255	220–275	240–305	285–365	335–425	385–485	425–540				
ME120				190–260	110–290	225–305	235–325	300–415	355–495	400–560					
ME125							260–355	310–425	360–495	410–565	460–635	510–705	560–775		
ME130							285–390	340–465	395–545	450–620	505–695	560–775	615–850		
ME140								345–475	400–560	455–635	515–715	570–790	630–870		
ME150								355–490	415–575	475–655	535–740	595–820	655–900		
ME160									445–630	510–715	575–810	640–900	700–985	760–1080	830–1170
ME200										645–910	725–1020	800–1125	880–1235	955–1340	1030–1460

Gradation Curves



Note: The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

MH SERIES **MULTI-CYLINDER HYDRAULIC CONE CRUSHER**

Widely used for secondary and tertiary crushing in mining and aggregate industries, its heavy-duty design enables superior stability. The optimized main unit structure, combined with a large eccentric distance and high rotational speed, significantly enhances production capacity and crushing efficiency. The "Lamination crushing" principle ensures superior product shape.

PERFORMANCE FEATURE

Heavy-Duty Design
The main shell structure is optimized with a high-quality alloy steel forged mainshaft, and finite element analysis is conducted to enhance the reliability of the equipment under heavy-duty conditions.

Efficient Overload Protection
Hydraulic cylinders and accumulators are installed around the main unit, allowing uncrushable materials to pass quickly through the crushing cavity, reducing downtime and minimizing damage to the crusher.

Convenient C.S.S. Adjustment Device
The hydraulic motor drives the bowl's rotation for precise adjustment of the closed side setting, while also allowing the bowl to rotate completely out of the adjustment ring threads for the ease of liner replacement.

Reliable Dust Prevention Design
Utilizing “U” and “T” labyrinth seals along with a positive pressure fan ensures effective dust prevention.

Flexible Cavity Adjustment
By replacing the liners, torque rings, and fastening bolts, the crushing cavity can be switched from standard coarse to short-headed fine configurations.

Comprehensive Wear Protection
All critical components of the crusher are equipped with wear protection, significantly reducing maintenance costs.

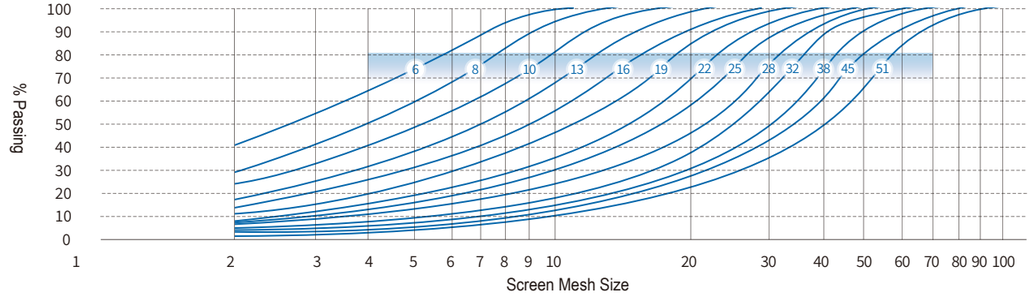
Main Technical Specification

Model	Max. feed size	C.S.S. (mm)	Motor power (kW)	Capacity (t/h)	Weight (t)
MH100	140	6–32	90	50–150	6.5
MH200	170	6–38	160	65–260	12.5
MH300	240	8–45	250	90–450	18.6
MH400	300	8–51	315	110–645	26.0
MH500	310	8–55	400	135–800	37.6
MH600	330	10–55	500	225–800	45.5
MH800	350	10–60	630	265–1220	66.4

Capacity

Model	Capacity (t/h)											
	Closed Side Setting (mm)											
	6	8	10	13	16	19	22	25	32	38	45	51
MH100	50–65	55–70	60–80	65–90	75–100	80–105	85–110	90–120	105–150			
MH200	65–85	75–100	95–130	125–160	145–190	155–200	165–210	175–230	195–245	215–260		
MH300		90–105	120–150	155–195	185–230	205–250	225–270	235–290	255–330	305–390	355–450	
MH400		110–145	145–180	190–235	230–285	260–325	280–355	300–380	330–440	365–500	415–570	470–645
MH500		135–150	180–230	235–300	285–360	325–410	350–440	370–465	410–545	450–615	515–710	585–800
MH600			225–310	285–390	340–460	375–500	415–545	435–580	445–640	520–725	575–800	
MH800			265–345	330–435	390–510	440–555	475–610	500–740	550–810	605–960	695–1060	790–1220

Gradation Curves



Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

MG SERIES SINGLE CYLINDER HYDRAULIC CONE CRUSHER

Designed for heavy-duty conditions, this equipment is suitable for a range of mining and aggregate crushing operations of various scales. Models with the suffix "S" accommodate larger feed sizes and are used for primary and secondary crushing, while those without the "S" suffix are intended for secondary and tertiary crushing. This series of crushers offers advantages such as low operating costs, simple operation, and broad applicability.

PERFORMANCE FEATURE

High Reliability
Finite element analysis optimizes the shell structure, and the large-diameter mainshaft design enhances equipment reliability.

High-Performance Transmission Design
Spiral bevel gears are utilized for both gear and pinion to achieve high energy efficiency and high torque transmission.

Wide Applicability
Adaptable to various ore characteristics and operating conditions by means of liners replacement and multiple eccentric distance settings.

Optimized Crushing Cavity
Optimized cavity design realizes a large feed opening, high throughput, and superior product shape.

Convenient Maintenance
The equipment features simple operation. No compound is required for liner installation. All components can be lifted and assembled from the top, making wear part replacement significantly easier.

Main Technical Specification

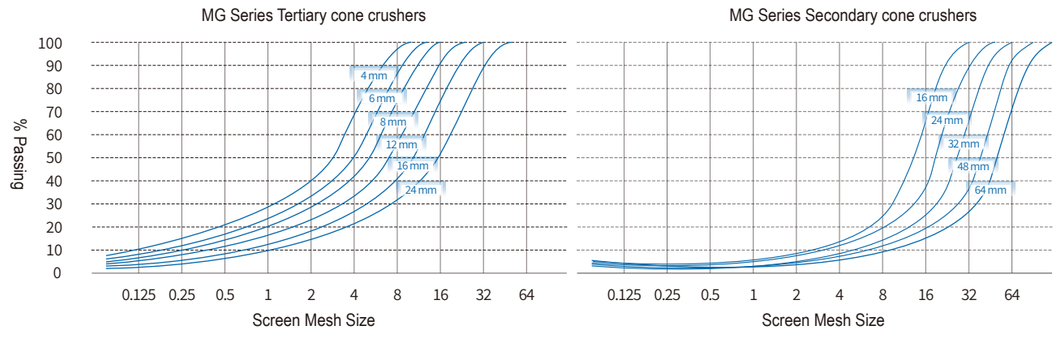
Model	Max. feed size	Motor power (kW)	C.S.S. (mm)	Capacity (t/h)	Weight (t)
MG100S	210	90	20–45	80–250	7.5
MG200S	290	160	25–50	115–360	11.2
MG300S	330	250	25–50	175–540	16.5
MG500S	440	355	45–80	310–1060	33.5
MG700S	450	560	30–90	350–1500	63.5
MG110	135	90	7–25	40–110	6.0
MG220	205	220	8–35	70–280	10.5
MG330	215	315	8–35	105–390	16.0
MG550	235	400	10–45	140–510	27.2

Capacity

Model	Capacity (t/h)										
	Closed Side Setting (mm)										
	20	25	30	35	40	45	50	55	60	65	70–90
MG100S	80–90	105–130	120–200	135–240	150–250	160–235					
MG200S		115–150	145–180	160–290	185–330	205–360	235–270				
MG300S		175–200	175–280	195–410	215–510	240–540	260–360				
MG500S						310–360	335–710	385–760	410–960	435–1060	Contact Hansy
MG700S			350–450	430–640	500–840	580–970	650–1140	750–1260	830–1380	900–1500	Contact Hansy

Model	6	8	10	15	20	25	30	35	40
MG110	40–55	45–70	50–80	55–110	70–110				
MG220		70–90	80–130	105–175	120–230	150–265	165–280	180–260	
MG330		105–145	110–190	130–260	155–300	180–350	210–390	265–360	
MG550			140–165	160–310	190–340	230–410	250–450	280–510	350–450

Gradation Curves



Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

SS/SH SERIES **SINGLE CYLINDER HYDRAULIC CONE CRUSHER**

This equipment is suitable for Crushing Operations Across Various Scales of Mining and Aggregate Industries. The SS series accommodates larger feed sizes and can be used for primary and secondary crushing, while the SH series is designed for secondary and tertiary crushing. With up to dozens of cavity variations, and one eccentric bushing to set multiple eccentric distances, this equipment enhances flexibility and adaptability.

PERFORMANCE FEATURE

Heavy-Duty Design
The main shell structure is optimized with a high-quality alloy steel forged mainshaft, and finite element analysis is conducted to enhance the reliability of the equipment under heavy-duty conditions.

High-Performance Transmission Design
Spiral bevel gears are utilized for both gear and pinion to achieve high energy efficiency and high torque transmission. External gear backlash adjustment simplifies maintenance.

Multiple Eccentric Distance Settings
Various eccentric distances can be achieved by adjusting key slot positions, allowing adaptation to different ore characteristics and operating conditions.

Lamination Crushing Design
Optimized cavity design implements lamination crushing principle, improving both output and particle shape.

Integrated Lubrication and Hydraulic Station Design
Lubrication and hydraulic systems are integrated into a modular design with a split oil tank, allowing independent operation of each system. Interlocked with the main unit, it provides protection against abnormal conditions in oil temperature, pressure, and flow, etc.

Main Technical Specification

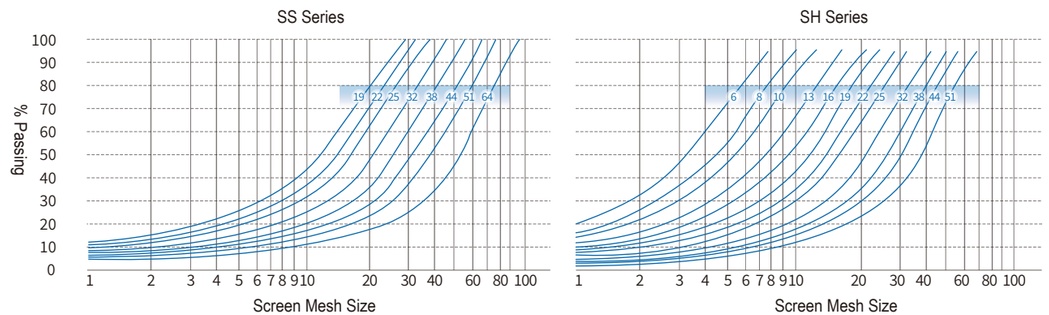
Model	Max. feed size	Motor power (kW)	C.S.S. (mm)	Capacity (t/h)	Weight (t)
SS430	350	160	19–54	100–355	12.5
SS440	450	250	25–54	200–610	19.6
SS550	450	315	25–70	215–670	29.8
SS660	550	315	38–83	325–1070	36.0
SH430	185	160	6–39	50–215	9.5
SH440	215	250	8–44	90–405	15.0
SH660	275	315	13–51	165–670	27.2
SH860	275	500	10–51	175–1140	40.2
SH870	300	630	10–70	280–1525	50.5
SH890	370	800	10–70	185–2220	92.4

Capacity

Model	Capacity (t/h)																	
	Closed Side Setting (mm)																	
	19	22	25	29	32	35	38	41	44	48	51	54	60	64	70	76	80	
SS430	100	105–135	110–175	120–230	130–240	135–305	145–320	155–340	160–355	115–315	210–265	220						
SS440			200	220–275	235–350	245–445	260–495	275–520	290–575	310–610	330–535	370–465						
SS550		215–270	230–390	250–420	260–450	275–475	290–500	300–520	315–545	335–575	345–600	360–625	390–670	405–605	435–495			
SS660							325	340–430	360–630	380–765	400–800	415–865	450–940	475–990	510–1070	565–990	590	

Model	6	8	10	13	16	19	22	25	32	38	44	51	57	64	70
SH430	50–80	53–85	55–110	60–140	65–155	70–165	75–180	85–190	95–215	110–215					
SH440		90–135	95–180	100–230	105–285	115–305	120–325	130–350	150–385	165–405	190–400				
SH660				195–310	165–375	175–450	190–495	200–530	230–600	250–665	275–670	320–520			
SH860			175–425	190–510	200–680	215–625	230–670	245–760	280–845	310–945	340–1040	540–1140			
SH870			280–415	310–540	330–680	355–725	380–795	405–900	460–1030	510–1135	555–1240	660–1370	710–1475	775–1525	825–1340
SH890			185–485	200–595	215–675	230–850	245–960	260–1245	295–1420	325–1565	355–1710	395–1890	425–2040	475–2210	510–2200

Gradation Curves



Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HFJ SERIES **IMPACT CRUSHER**

Widely used in aggregate, metal mining, chemical industries, and construction waste recycling, etc. This equipment is normally suitable for crushing materials with moderate hardness and low abrasiveness. It can be used for primary, secondary, and tertiary crushing, achieving a large reduction ratio and superior product shape.

PERFORMANCE FEATURE

Optimized Rotor Part Design
The rotor part has been optimized to increase rotational inertia, boost equipment output, and enhance product shape. The unique wedge block hammer locking mechanism ensures easy disassembly while maintaining safety and reliability.

Flexible Configuration
An optional third impact plate can be installed to achieve finer product sizes. Different wear-resistant hammers and impact liners are available to accommodate various application conditions.

Hydraulic System Design
The equipment can be equipped with an efficient hydraulic system, which allows for hydraulic opening of the shell for easy maintenance and convenient adjustment of the closed side setting.

Wear Parts Modular Design
Wear parts are well designed and arranged for maximum efficiency to minimize the varieties. They can be interchanged based on their wear levels, which enhances utilization and reducing inventory.

Main Technical Specification

Model	Feed opening	Max. feed size (mm)	Rotor diameter	Rotor length	Max. speed	Max. installed power	Weight (t)
HFJ1213	1320X880	600	1200	1300	700	220	13.1
HFJ1315	1540X930	600	1300	1500	700	315	16.6
HFJ1520	2040X995	700	1500	2000	600	500	27.6
HFJ1522	2240X995	700	1500	2200	600	630	31.7
HFJ1313	1320X1200	900	1300	1300	700	220	18.4
HFJ1415	1540X1320	1000	1400	1500	600	315	22.5
HFJ1620	2040X1630	1300	1600	2000	500	500	41.5
HFJ2023	2310X1980	1500	2000	2300	400	1000	75.6

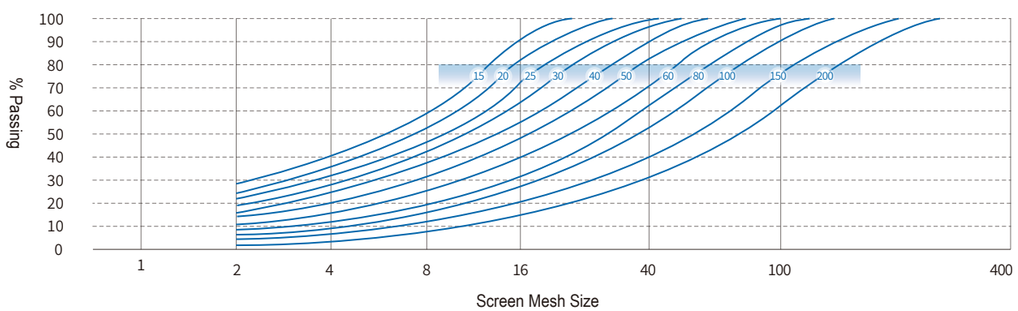
Capacity

Model	Capacity (t/h)									
	Closed Side Setting (mm)									
	15	20	25	30	40	50	60	80	100	125
HFJ1213	160–170	180–200	200–250	200–300	200–300	220–320	250–350	300–410	340–400	390
HFJ1315	210–220	225–250	260–310	260–320	270–380	280–400	315–430	380–520	430–500	490
HFJ1520	330–350	360–400	400–500	400–510	400–600	450–640	500–690	600–830	690–800	780
HFJ1522	340–360	390–440	420–540	420–600	430–650	500–720	550–770	660–950	750–900	840

Model	40	50	60	80	100	125	150	200	250	300
HFJ1313	160–190	190–240	240–270	250–330	280–380	320–415	360–400	430–480		
HFJ1415	200–240	235–300	280–340	315–420	350–480	400–520	450–500	540–600		
HFJ1620	295–370	370–470	430–530	500–650	540–750	580–810	660–780	760–930		
HFJ2023	650–780	760–950	920–1120	1000–1320	1080–1550	1180–1780	1300–1700	1500–1970	1700–1750	1900

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

Gradation Curves



HVS SERIES **VERTICAL SHAFT IMPACT CRUSHER**

This equipment is widely used in shaping and manufactured sand production in aggregate processing. It's also suitable for fine crushing in mining and aggregate applications. By adjusting the central feed, overflow volume, and rotor speed, various aggregate gradation can be achieved to meet different product specifications.

PERFORMANCE FEATURE

High-Quality Product Crushing
By leveraging the rock-on-rock crushing principle, where materials impact each other, this design ensures excellent product shape with low content of flaky and elongated particles and reduced wear costs.

Easy Installation
Compact structure, low overall height, and minimal foundation load, make this equipment easy and swift to be installed.

Reliable Control System
Equipped with overload protection, temperature monitoring, and vibration monitoring functions, this equipment ensures reliable operation.

Simple Maintenance
Grease lubrication provides simplicity and reliability. Meanwhile, hydraulic lifting and raising tools are equipped. Maintenance is simple, significantly enhancing production efficiency.

Main Technical Specification

Model	Max. feed size	Rotor Tip Speed (m/s)	Motor power (kW)	Weight (t)
HVS7150	50	45–70	264–320	13.6
HVS9100	60	45–70	440–630	17

Capacity

Model	Motor Power (kw)	Corresponding processing capacity of different linear speeds (M / s) (T / h)					
		45	50	55	60	65	70
HVS7150	2×132	310	275	245	205	185	165
	2×160	375	315	285	250	210	190
HVS9100	2×220		500	450	375	335	305
	2×250			525	465	395	360
	2×315			600	530	455	410

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HGL SERIES **VIBRATING FEEDER**

PERFORMANCE FEATURE

Adjustable Processing Capacity
Processing capacity can be adjusted by changing the vibration frequency and amplitude. The variable frequency motor can also be optionally installed to control the feed rate.

Strong Pre-Screening Capability
Different types of grids with various spacing sizes are available to effectively remove powdered material.

Convenient Installation
The horizontal installation reduces the construction height. If necessary, it can be easily disassembled and re-installed at other locations.

High Reliability
The body features a high-strength riveted design with no welding, significantly enhancing the equipment's reliability.

Widely used in industries such as aggregate production, mining, power generation, and construction materials, this equipment is suitable for uniform feeding into devices like jaw crushers, primary impact crushers, and primary hammer crushers. It employs a blind plate and bar design with adjustable bar spacing. This design not only feeds materials but also separates dirt and fine particles, enhancing the efficiency of the crusher.

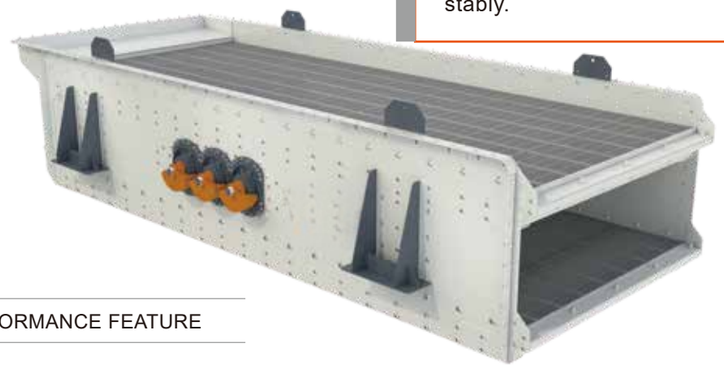
Main Technical Specification

Model	LxW (M)	Power (kW)	Capacity (t/h)	Max. feed size (mm)	Weight (t)
HGL1361-2V	1.3×6.1	30	700	900	6.5
HGL1661-2V	1.6×6.1	37	850	1200	10.3
HGL1860-2V	1.8×6.0	45	1100	1200	11.0
HGL2066-2V	2.0×6.6	55	1500	1500	20.0

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HLS SERIES **HORIZONTAL SCREEN**

Widely used in industries such as aggregate production, mining, chemicals, and construction materials, this equipment is particularly suitable for screening finished products. It effectively prevents plugging of screen openings caused by sticky or flaky materials. With a horizontal installation, the equipment has a low installation height, occupies minimal space, and operates stably.



PERFORMANCE FEATURE

Gear-Synchronized Triple Shaft System Design

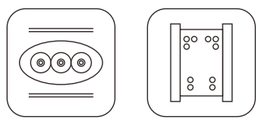
The gear-synchronized triple shaft arrangement with an elliptical motion ensures high screening efficiency and stable operation.

Optimized Vibration Force Design

With an elliptical long-to-short axis ratio of 3:1, the equipment generates strong excitation force, effectively resolving the plugging issues of traditional horizontal screens with sticky materials. The adjustable amplitude allows for customization to meet various screening requirements.

Long Service Life

The screen box and girder are connected with high-strength rivets instead of welding, and finite element analysis is applied to enhance the lifespan of the vibrating screen.



Simple Maintenance

Grease lubrication and modular design of the vibrator and simple maintenance.

Main Technical Specification

Model	LxW (M)	Area (m^2)	Decks	Power (kW)	Max. capacity (t/h)	Max. feed size (mm)	Weight (t)
HLS1961-2	1.9×6.1	11.6	2	37	500	200	9.5
HLS1961-3			3	45	500	200	11
HLS2261-2	2.2×6.1	13.4	2	45	650	200	12.5
HLS2261-3			3	55	650	200	13.8
HLS2561-2	2.5×6.1	15.3	2	55	800	200	13.2
HLS2561-3			3	55	800	200	15

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HYZ SERIES **INCLINED SCREEN**

PERFORMANCE FEATURE

Reliable Vibrating Screen Design

The screen box and girder are connected with high-strength rivets instead of welding, ensuring reliability under high vibration conditions. Additionally, all parts of the equipment are equipped with wear-resistant protection to extend its service life.

Adjustable Settings for Optimal Screening Efficiency

The screen surface angle is adjustable within the range of 15° to 25° to meet precise or high-capacity screening demands. The amplitude and rotational speed parameters have a wide adjustment range to achieve optimal performance.

› vibrator features a

Widely used in industries such as aggregate production, mining, and construction materials, this equipment is suitable for various screening operations, including heavy-duty, medium-duty, and fine screening. It can be used for screening after primary and secondary crushing as well as for final product screening.

Main Technical Specification

Model	LxW (M)	Decks	Power (kW)	Capacity (t/h)	Max. feed size (mm)	Weight (t)
HYZ1861-2	1.8×6.1	2	22	80–600	200	9.8
HYZ1861-3		3	30	80–600	200	12.0
HYZ2461-2	2.4×6.1	2	30	120–850	200	11.2
HYZ2461-3		3	37	120–850	200	16.2
HYZ2473-2	2.4×7.3	2	37	120–850	200	14.2
HYZ2473-3		3	2×30	120–850	200	19.3
HYZ3073-2	3.0×7.3	2	2×30	200–1200	200	16.7
HYZ3073-3		3	2×37	200–1200	200	22.3
HYZ1861-2P	1.8×6.1	2	30	300–1000	400	9.5
HYZ2461-2P	2.4×6.1	2	37	500–1200	400	11.5
HYZ2661-2P	2.6×6.1	2	37	600–1300	400	12.5

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HTS SERIES **MULTI-SLOPE SCREEN**

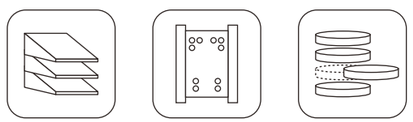
Widely used in industries such as aggregate, mining, and construction materials, this equipment is suitable for various screening operations, including medium and fine screening. It can be used for screening after secondary crushing and for final product screening. With an elliptical vibration motion combined with a multi-angle screen deck, it provides screening capacity that exceeds conventional vibrating screens by 15%-30%.

PERFORMANCE FEATURE

Multiple Inclined Screen Deck
Three inclined screen deck design enables the larger angle at the feed end facilitating rapid material spread, and the smaller angle at the discharge end enhancing screening efficiency.

High Reliability
The side plate and cross beam are connected with high-strength rivets instead of welding. Supported by finite element analysis, reliability is ensured under high-vibration conditions.

Simple Maintenance
Grease lubrication provides simple maintenance, and the vibrator features a modular design for convenient and quick repairs.



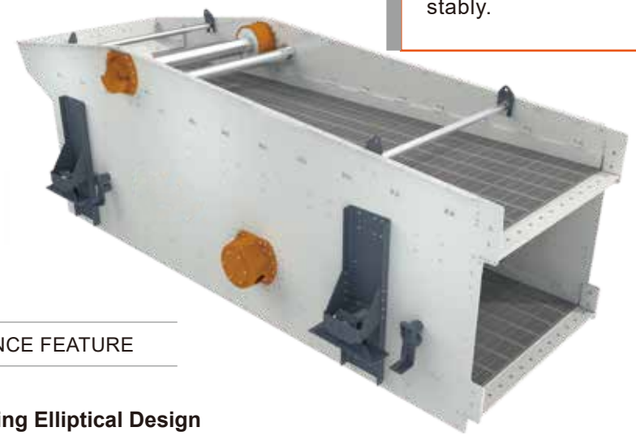
Main Technical Specification

Model	LxW (M)	Area (m2)	Decks	Power (kW)	Max. capacity (t/h)	Max. feed size (mm)	Weight (t)
HTS2461-2	2.4×6.1	14.4	2	30	750	150	9.5
HTS2461-3			3	37	750	150	12.5
HTS2482-2	2.4×8.2	20	2	37	1000	150	16.3
HTS2482-3			3	2×30	1000	150	20.5
HTS3082-2	3.0×8.2	25	2	2×30	1300	150	21.2
HTS3082-3			3	2×37	1300	150	28.0

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

HMS SERIES **HORIZONTAL SCREEN**

Widely used in industries such as aggregate, mining, chemical, and construction materials, this equipment is suitable for various screening operations, including medium and fine screening, it is especially effective for final product material screening. With horizontal or low-angle installation, it has a low installation height and operates stably.

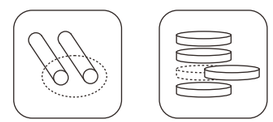


PERFORMANCE FEATURE

Self-Synchronizing Elliptical Design
Two sets of vibrators are optimally arranged to produce an elliptical vibration motion, ensuring automatic synchronization without gears, which simplifies maintenance.

High Energy Efficiency
The elliptical motion, along with optimized amplitude and speed, enhances screening efficiency and accuracy, achieving up to a 25% increase in throughput compared to conventional horizontal screens.

Long Service Life
With grease lubrication, maintenance is simplified. Modular vibrator design, along with the increased space between screen decks facilitates convenient and quick repairs.



Main Technical Specification

Model	LxW (M)	Area (m2)	Decks	Power (kW)	Inclined angle (°)	Max. feed size (mm)	Weight (t)
HMS1861-2	1.8×6.1	11.4	2	37	0–5	200	9.8
HMS1861-3			3	37	0–5	200	11.6
HMS2461-2	2.4×6.1	15.1	2	52	0–5	200	12.5
HMS2461-3			3	52	0–5	200	16.8
HMS2473-2	2.4×7.3	17.8	2	52	0–5	200	15.7
HMS2473-3			3	77	0–5	200	22.8

Note：The above figures are for reference only,and the actual capacities shown may vary depending on factors such as material characteristics,maximum feed size,gradation and moisture.

ELECTRICAL CONTROL SYSTEM

By leveraging advanced intelligence as its core, Hansy's electrical control system combines high reliability with a user-friendly interface to achieve precise adjustments and strong anti-interference capabilities. It not only takes a leading position in technology but also enhances user experience and production efficiency, offering effective and reliable operating solution for crushing and screening equipment. Hansy's crusher provides more convenient and stable production experience to supporting efficient operations through Integration of intelligence, reliability, and user-friendliness.

PERFORMANCE FEATURE

Intelligent Control
Hansy crusher utilizes advanced PLC programmable controllers and touch screen technology, enabling an intelligent control system with multiple features, e.g. monitoring, fault recording, and data querying. This enhances Operational convenience and production efficiency.

High Reliability
The control system utilizes electrical isolation and a dual power supply mode for signal power, reducing external interference and improving system stability. This ensures long-term stable operation of the equipment, lowers the failure rate, and enhances system reliability.

User-Friendly Interface
With interface being designed in a clean and intuitive style, the system makes the operator feel easier to understand and control the equipment. It reduces the likelihood of inappropriate operation, improves work efficiency, and lowers training costs.

Precise Adjustment
The system supports adjustment and display of the closed side setting, with accurate positioning functionality. Users can easily make adjustments as needed, ensuring accuracy and stability in the production process.

Strong Anti-Interference
The electrical control cabinet layout is well-designed with high integration, effectively reducing wiring faults and eliminating crosstalk between high and low voltage circuits. This improves the system's anti-interference capability, ensuring stable operation in complex environments and enhancing overall production efficiency and operational convenience.

CONTROLLER

HYDRAULIC STATION

Hansy's hydraulic power system combines cylinders and motors to offer various features, including locking, adjustment, and cleaning. Additionally, it provides lubrication protection to reduce wear, safeguard metal surfaces, and extend the equipment's lifespan.
This system comes with pressure monitoring, temperature monitoring, and plugging detection functions to ensure safe and stable operation.
Its compact and aesthetically pleasing design facilitates installation and enhances both the equipment's appearance and usability.
Hansy's hydraulic power system boosts equipment efficiency, reliability, and service life, delivering comprehensive support and assurance for your production.
Choose our products for guaranteed reliability and efficiency.

PERFORMANCE FEATURE

Utility
The hydraulic system supports multiple functions, such as locking, adjustment, and cleaning. It provides comprehensive operational support for the equipment.

Monitoring Features
With pressure monitoring, temperature monitoring, and plugging detection functions, the system can promptly identify issues and make necessary adjustments, ensuring safe and reliable equipment running.

Protective Features
The system offers lubrication protection, reducing wear and protecting metal surfaces, thus extending the equipment's service life and ensuring long-term stable operation.

Enhanced Equipment Reliability
With a detailed design, the system is capable of cleaning and flushing the transmission system, increasing the equipment's lifespan and reliability. It enhances operational efficiency and reduces maintenance costs.

INTRODUCTION OF MAIN MODULES

Jaw Crusher Modules

PERFORMANCE FEATURE

- Suitable for HGL series vibrating feeder (two modes, hydraulic unit and motor, are available) and ME series crusher
- Capable of operating mud removal, equipped with muc removal screen interface space
- Pre-scalping applicable, conducted before jaw crushing
- Silo modules customization applicable based on differe discharge methods
- Space for rock breaker and maintenance boom reserve with additional premium options available

Cone Crusher Modules

ERFORMANCE FEATURE

- ble for MG and MH series crusher
- ble for SS and SH series crusher
- ole walkway position adaptation for maintenance according tual terrain
- ss installation with cement foundation module provided as tion, no embedded bolts needed
- tion modules selectable based on terrain
- ional modules available as needed to enhance crushing ency;
- combination splicing available as needed

Screen Modules

PERFORMANCE FEATURE

- Suitable for HYZ, HTS, HMS, HLS full series of vibrating screens
- Dual combination splicing selectable as per actual needs
- Compatible with 2, 3, and 4-layer vibrating screens of the same series
- Height adjustable with different elevation modules selectable to suit varying terrain needs

MOBILE CRUSHER

Mobile Jaw Crusher

PERFORMANCE FEATURE

Mobile Jaw Crusher Series: This series is suitable for processing various materials, whether soft or hard, such as limestone, basalt, iron ore, and slag. It boasts strong adaptability and accepts a maximum feed size ranging from 450 to 1000 mm.

Model：HSY-106E / HSY-116E / HSY-120E / HSY-130E

Model：HSY-200Y / HSY-300Y / HSY-400Y

Mobile Cone Crusher

PERFORMANCE FEATURE

Mobile Cone Crusher Series: This series is normally used as secondary and tertiary crushing equipment, working together with mobile jaw crushers. It is suitable for processing various materials and accepts maximum feed size within the range of 80 to 300 mm.

Mobile Impact Crusher

PERFORMANCE FEATURE

Mobile Impact Crusher Series: This series offers a crushing ratio of approximately 10, making it highly effective for processing medium-hardness materials with low silica content. It delivers finished products in a single stage of crushing and accepts a maximum feed size ranging from 400 to 1000 mm.

Model：HSY-1110F / HSY-1213F / HSY-1315F

Model：HSY-6018S / HSY-2065S

Mobile Screen

PERFORMANCE FEATURE

Mobile Screen Series: This series is normally used together with mobile cone crushers or impact crushers for aggregate classification. In some cases, it can also be utilized for removing impurities from raw materials.

EPC PROJECT

Hansy's crushing and screening solutions reduce the investment in basic equipment, shorten installation time, enhance operational efficiency and stability, lower production and operational costs, increase output, and maximize customer profitability.

With years of experience in manufacturing crushing and screening equipment, Hansy offers customized and/or modular crushing and screening systems and EPC services based on the client's production needs, specific applications, ore characteristics, investment size, as well as the terrain and site conditions of the mine.

PROJECT CASES

Shanxi Iron Ore EPC Project,
Capacity: 2,000 tons per hour

Hebei Iron Ore Project,
Capacity: 1,500 tons per hour

Hebei Iron Ore Project,
Capacity: 1,000 tons per hour

Gansu Iron Ore Project,
Capacity: 500 tons per hour

Shanxi Iron Ore Project,
Capacity: 400 tons per hour

Inner Mongolia Iron Ore Project,
Capacity: 300 tons per hour

Inner Mongolia Molybdenum Ore Project,
Capacity: 800 tons per hour

Gansu Lead-Zinc Ore Project,
Capacity: 200 tons per hour

Gansu Lead-Zinc Ore Project,
Capacity: 700 tons per hour

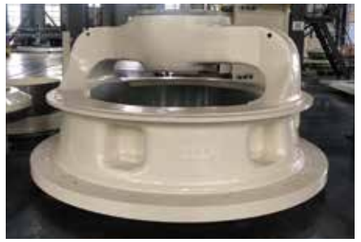
Gansu Limestone Project,
Capacity: 800 tons per hour

Yunnan Basalt EPC Project,
Capacity: 400 tons per hour

Hunan Limestone Project,
Capacity: 500 tons per hour

AFTER-SALES SERVICE, MAINTENANCE, AND SPARE PARTS

Cone Crusher Spare Parts



Spider Assembly

Upper Shell Assembly

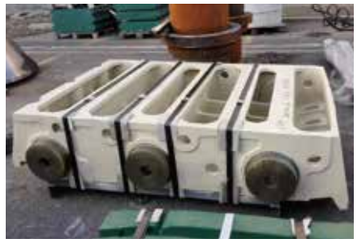
Countershaft Assembly

Main Frame Assembly

Bottom Shell

Eccentric Assembly

Jaw Crusher Spare Parts



Front Frame

Frame Assembly

Flywheels

Shaft Assembly

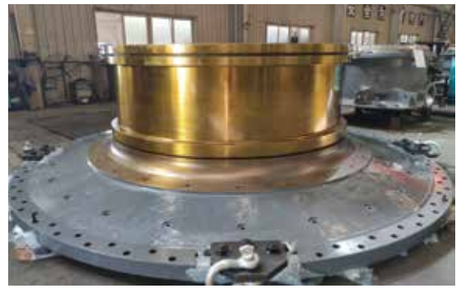
Pitman Assembly

Rear Frame

Hansy boasts a large-scale parts warehouse stocked with a comprehensive range of wear parts, structural components, bronze parts, standard parts, as well as hydraulic and electrical components. This extensive inventory allows us to meet clients' one-stop procurement needs. Our efficient delivery system ensures prompt shipments, safeguarding our customers' production processes.

Ball/Rod Mill Spare Parts

Mill Shell Assembly



Mill End Cover

Mill Gear

Pinion Shaft

MAINTENANCE AND REFURBISHMENT

With years of accumulated assembly experience and a comprehensive inventory of parts, Hansy has the capability to swiftly replace damaged components, perform equipment adjustments, and conduct inspections to restore damaged or worn equipment to optimal working condition.

Hansy has signed maintenance and service agreements with multiple Chinese domestic and overseas mining companies so far.

Hansy offers professional repair, maintenance, and refurbishment services for clients' crushing and screening equipment.

Jaw Crusher Maintenance

Bowl Maintenance

Head Maintenance

Screen Maintenance

AFTER-SALES SERVICE

Hansy's dedicated customer managers of pre-sales, sales, and after-sales provide 24/7 service, offering comprehensive support to all your inquiries.

Hansy offers equipment technology upgrades and refurbishment services to help clients reduce costs and improve production efficiency.

Hansy provides exclusive consignment services for strategic partners, allowing access to both physical and virtual inventory as needed, ensuring a worry-free experience.

Hansy offers parts contracting services for crushing and screening equipment, with pricing based on processed ore volume. This approach helps reduce costs and maintenance expenses for clients, providing peace of mind and reliability.

Hansy owns a professional repair team with extensive on-site experience, capable of diagnosing and resolving various issues with crushing and screening equipment.

Hansy boasts an extensive inventory and a comprehensive logistics system, with a large stock of spare parts readily available and rapid shipping to ensure uninterrupted production for our customers.