SANLAND

SANLAND MINING EQUIPMENT CANADA

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Sanland Mining Equipment Canada

PRODUCTION CAPACITY

Crushing Line Project Demonstration

Sanland Mining Equipment Canada

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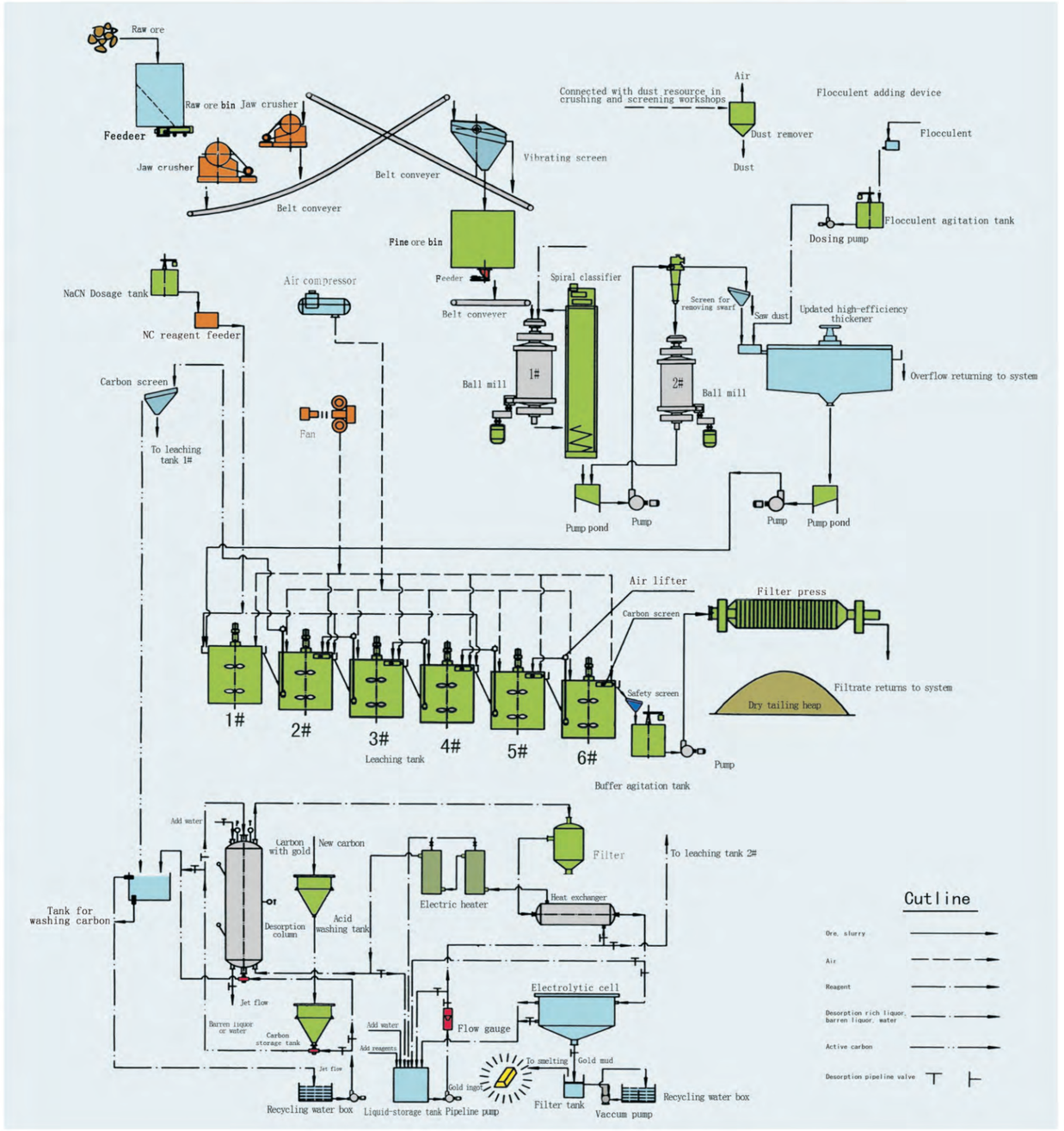
Visual CIP flowsheet of gold ores



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PRODUCTS

C Series Jaw Crusher

High quality and reliability

World-class craftsmanship and materials

Modular,non welded construction

Four equal size bearings that are larger than those of most crushers of comparable size

Cast steel pitman and crusher frames

Single-piece cast steel frame bearing housings

Repairable crusher construction

Outstanding performance

Efficient cavity designs

Aggressive kinematics, long stroke, optimum speed

Small allowed crusher settings

The right jaws and cheek plates for the widest range of applications

Low operating and installation costs

Easy to automate

Fast and sale wedge setting adjustment system

Protection plates behind the jaw plates

Rubber damper crusher mounting

Versatile integral motor base

Compact and service friendly flywheel guards

Custom feed chute

Automatic grease lubrication system

Used in a wide range of applications, both stationary and mobile

Aggregate

Mining (surface and underground)

Recyclng(concrete,asphalt,etc)

Industrial (slag,anodes,etc)

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Capacities & Technical parameters

		STC80	STC100	STC96	STC106	STC116	STC3054	STC120	STC125	STC140	STC150	STC160	STC200
Feed opening width mm (in)		800(32)	1000(40)	930(37)	1060(42)	1150(45)	1375(54)	1200(47)	1250(49)	1400(55)	1400(55)	1600(63)	2000(79)
Feed opening depth (in)		510(20)	760(30)	580(23)	700(28)	800(32)	760(30)	870(34)	950(37)	1070(42)	1200(47)	1200(47)	1500(59)
Power kW (HP)		75(100)	110(150)	90(125)	110(150)	132(175)	160(200)	160(200)	160(200)	200(250)	200(300)	250(350)	400(500)
Speed (rpm)		350	260	330	280	260	260	230	220	220	220	220	200
Product size mm (in)	Closed side setting mm (in)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)	Mtph (Stph)
0–30	20												
0–1 1/8	3/4												
0–35	25												
0–1 3/8	1												
0–45	30												
0–1 3/4	1 1/8												
0–60	40	55–75											
0–2 3/8	1 5/8	60–80											
0–75	50	65–95											
0–3	2	75–100											
0–90	60	80–110		105–135									
0–3 1/2	2 3/8	90–120		115–150									
0–105	70	95–135	125–175	125–155	150–185	165–205	210–270	175–240					
0–4 1/8	2 3/4	110–145	140–190	135–170	160–205	180–225	230–295	195–265					
0–120	80	110–150	145–200	140–180	165–215	180–235	240–300	195–270					
0–4 3/4	3 1/8	120–165	160–215	155–200	185–240	200–260	260–330	215–295					
0–135	90	125–175	160–220	160–200	190–235	205–255	260–330	210–305					
0–5 3/8	3 1/2	140–190	175–240	175–220	205–260	225–280	285–360	235–330					
0–150	100	140–190	180–250	175–225	205–265	225–285	285–365	235–325	245–335				
0–6	4	150–210	200–275	195–250	230–295	245–315	315–400	260–360	270–370				
0–185	125	175–245	220–310	220–280	255–325	270–345	345–435	285–395	295–405	325–445	340–470		
0–7	5	195–270	245–340	240–310	280–360	295–380	375–480	315–435	325–445	355–490	375–515		
0–225	150	210–290	265–365	265–335	305–385	320–405	405–515	340–475	345–475	380–530	400–555	430–610	
0–9	6	230–320	290–400	290–370	335–428	350–450	445–565	375–515	380–525	420–580	440–610	475–670	
0–260	175	245–335	310–430	310–390	355–450	370–465	465–595	385–540	395–545	435–605	460–635	495–695	630–890
0–10	7	270–370	340–270	340–430	390–495	405–515	515–650	430–595	435–600	480–665	505–700	545–765	695–980
0–300	200		355–490		395–500	410–520	530–670		445–615	495–685	520–720	560–790	710–1000
0–12	8		390–535		445–560	460–580	580–740		490–675	545–750	570–790	615–870	780–1100
0–340	225								495–685	550–760	580–800	625–880	785–1105
0–13	9								545–750	605–835	640–880	685–965	860–1215
0–375	250								545–755	610–840	640–880	685–965	865–1215
0–15	10								600–830	670–925	705–970	755–1060	950–1340
0–410	275											745–1055	940–1320
0–16	11											820–1160	1030–1455
0–450	300											815–1145	1015–1435
0–18	12											895–1260	1120–1575

Standard Symons Cone Crusher

Features

The Sanland-made cone crusher is a U.S. licensed product with all its spare parts to be interchangeable with the original American Symons cone crushers;

Flexible drive, hydraulic adjustment and automatic cavity clearing;

Less return materials(able to be reduced to 35%), comparing to 55% of regular cone crushers;

Grease lubricating system, low consumption and environmentally friendly;

No seasonal or temperature constraints.

Type / Size		STPYS–B			STPYS–B		
		0607	0609	0610	0910	0917	0918
Diameter of cone(mm)		610 (2')			915 (3')		
Feed opening(mm)		72	109	109	102	175	178
Discharge setting		6–38	9–38	13–38	9–22	13–38	25–38
Capacity(ton/hour)		16–54	18–68	23–72	45–91	60–163	118–163
Main electric motor	Power(kw)	30			75		
	Speed(r/min)	980			985		
	Voltage(v)	380			380		
Overall dimension	Length(m)	2.195			2.656		
	Width(m)	1.158			1.746		
	Height(m)	1.651			2.241		
Weight(ton)		6.4			14.1		

Type / Size		STPYS–B				STPYS–B			
		1213	1215	1219	1225	1313	1321	1324	1325
Diameter of cone(mm)		1219 (4')				1295 (41/4')			
Feed opening(mm)		131	156	191	250	137	210	241	259
Discharge setting		9–31	13–38	19–51	25–51	13–31	16–38	19–51	25–51
Capacity(ton/hour)		63–188	100–200	141–308	190–317	108–180	130–250	170–350	236–358
Main electric motor	Power(kw)	110				160			
	Speed(r/min)	990				980			
	Voltage(v)	380				380			
Overall dimension	Length(m)	2.656				4.809			
	Width(m)	11.974				2.354			
	Height(m)	3.112				3.156			
Weight(ton)		20				27			

Type / Size		STPYS–B				STPYS–B			
		1620	1624	1626	1636	2127	2133	2136	2146
Diameter of cone(mm)		1676 (51/2')				2134 (7')			
Feed opening(mm)		209	241	269	368	278	334	369	460
Discharge setting		16–38	22–51	25–64	38–64	19–38	25–51	31–64	38–64
Capacity(ton/hour)		181 327	258 417	299 635	431 630	381 726	608 998	789 1270	880 1361
Main electric motor	Power(kw)	240				315			
	Speed(r/min)	980				990			
	Voltage(v)	380				380			
Overall dimension	Length(m)	3.911				4.613			
	Width(m)	2.87				3.251			
	Height(m)	3.771				4.732			
Weight(ton)		49.4				85.0			

Type / Size		STPYS–BC			
		2127	2133	2136	2146
Diameter of cone(mm)		2134 (7')			
Feed opening(mm)		278	334	369	460
Discharge setting		19–38	25–51	31–64	38–64
Capacity(ton/hour)		544–1034	866–1424	1125–1814	1252–1941
Main electric motor	Power(kw)	400			
	Speed(r/min)	994			
	Voltage(v)	380			
Overall dimension	Length(m)	5.930			
	Width(m)	3.771			
	Height(m)	4.372			
Weight(ton)		97.98	97.24	96.62	97.25

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Short–head Symons Cone Crusher

Features

The Sanland-made cone crusher is a U.S. licensed product with all its spare parts to be interchangeable with the original American Symons cone crushers;

Flexible drive, hydraulic adjustment and automatic cavity clearing;

Less return materials(able to be reduced to 35%), comparing to 55% of regular cone crushers;

Grease lubricating system, low consumption and environmentally friendly.

Type / Size		STPYS–D		STPYS–D		
		0603	0605	0904	0906	0907
Diameter of cone(mm)		610 (2')		915 (3')		
Feed opening(mm)		35	51	41	60	76
Discharge setting		3–13	5–16	3–13	3–16	6–19
Capacity(ton/hour)		9–36	16–50	27–90	29–106	59–127
Overall dimension	Length(m)	2.195		2.656		
	Width(m)	1.158		1.746		
	Height(m)	1.651		2.41		
Weight(ton)		6.5		14.6		

Type / Size		STPYS–D				STPYS–D			
		1205	1207	1208	1211	1306	1308	1310	1313
Diameter of cone(mm)		1219 (4')				1295 (41/4')			
Feed opening(mm)		57	73	89	117	64	89	105	133
Discharge setting		5–16	8–16	13–19	13–25	5–16	6–16	10–25	19–25
Capacity(ton/hour)		50 132	90 145	141 181	145 218	58 160	80 160	109 227	209 236
Overall dimension	Length(m)	2.56				2.958			
	Width(m)	1.942				2.254			
	Height(m)	2.928				3.156			
Weight(ton)		20.4				26			

Type / Size		STPYS–D				STPYS–D			
		1607	1608	1613	1614	2110	2113	2117	2120
Diameter of cone(mm)		1676 (51/2')				2134 (7')			
Feed opening(mm)		70	89	133	133	105	133	178	203
Discharge setting		5–13	6–19	10–25	13–25	5–16	10–19	13–25	16–25
Capacity(ton/hour)		90–209	136–281	190–336	253–336	190–408	354–508	454–599	508–653
Main electric motor	Power(kw)	240				315			
	Speed(r/min)	984				990			
	Voltage(v)	380				380			
Overall dimension	Length(m)	3.917				4.13			
	Width(m)	2.87				3.251			
	Height(m)	3.771				4.454			
Weight(ton)		50.6							

Type / Size		STPYS–DC			
		2110	2113	2117	2120
Diameter of cone(mm)		2134 (7')			
Feed opening(mm)		105	133	178	203
Discharge setting		5–16	10–19	13–25	16–25
Capacity(ton/hour)		218–463	404–580	517–680	580–744
Main electric motor	Power(kw)	400			
	Speed(r/min)	994			
	Voltage(v)	380			
Overall dimension	Length(m)	4.613			
	Width(m)	3.771			
	Height(m)	4.9			
Weight(ton)		97.96	97.86	99.04	98.19

STGP Series Cone Crusher

Benefits of Sanland STGP Series

- The highest performance and excellent end–product quality
- Reliability in demandingapplications
- First–class end–product shape
- Wide range of cavities

The robust design of the STGP Series cone crushers enables high power levels and high productivity. The proven heavy-duty design and use of high-quality components with optimized wear parts keep operating costs down.

The highest performance and excellent end-product quality

The castings design together with highquality Sanland components make it possible to maintain high crushing performance in the toughest conditions. High crushing forces, excellent cavity geometry and proven kinematics in tertiary applications result in first-class end-product shape and increased production of desired end-product fractions.

One crusher for the secondary, tertiary and quaternary crushing stage

A high power rating with a wide selection of cavities and strokes enablesthe use of the same crusher for the 2nd, 3rd or 4th crushing stages. The stroke change feature allows crusher through-put to be easily adjusted to work in harmony with the rest of the crushing plant.

Guaranteed performance

Sanland IC

When OEM parts are used, a long lifetime is guaranteed. Sanland IC automation ensures that your STGP crusher runs at its optimal performance level.

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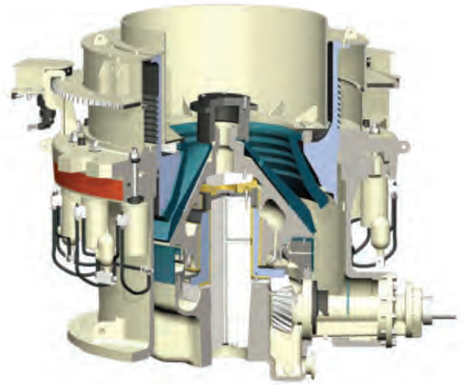
	STGP100S	STGP200S	STGP300S	STGP500S	STGP100	STGP220	STGP330	STGP550
Technical specifications								
Power	75 - 90 kW (100 - 125 hp)	110 - 160 kW (150 - 225 hp)	132 - 250 kW (175 - 350 hp)	200 - 355 kW (275 - 475 hp)	75 - 90 kW (100 - 125 hp)	132 - 200 kW (175 - 275 hp)	250 - 315 kW (325 - 425 hp)	250 - 355 kW (325 - 450 hp)
Basic crusher weight *)	7 350 kg 16 200 lbs	10 900 kg 24 000 lbs	16 200 kg 35 700 lbs	33 300 kg 73 400 lbs	5 800 kg 12 800 lbs	10 200 kg 22 500 lbs	15 700 kg 34 600 lbs	26 500 kg 58 400 lbs
Feed opening								
Cavity					Feed opening			
EF					46 mm (1 13/16")	58 mm (2 5/16")	**)	68 mm (2 43/64")
F					53 mm (2 5/64")	89 mm (3 1/2")	85 mm (3 11/32")	95 mm (3 3/4")
MF					95 mm (3 3/4")	101 mm (4")	107 mm (4 7/32")	113 mm (4 7/16")
M	206 mm (8 1/8")				141 mm (5 9/16")	118 mm (4 5/8")	135 mm (5 5/16")	152 mm (6")
C	239 mm (9 13/32")	222 mm (8 3/4")	247 mm (9 3/4")	321 mm (12 5/8")	142 mm (5 5/8")	182 mm (7 5/8")	184 mm (7 1/4")	192 mm (7 9/16")
EC		295 mm (11 39/64")	332 mm (13 1/16")	401 mm (15 3/4")		213 mm (8 3/8")	225 mm (8 7/8")	250 mm (9 13/16")
EC-LS / EC-TR			332 mm (13 1/16")	442 mm (17 13/32")		213 mm (8 3/8")	225 mm (8 7/8")	265 mm (10 7/16")
Stroke								
Stroke options	16, 20, 25 mm (5/8, 13/16, 1")	18, 25, 28, 32, 36 mm (11/16, 1, 1 7/64, 1 1/4, 1 13/32")	18, 22, 25, 28, 32, 36 mm (11/16, 7/8, 1, 1 7/64, 1 1/4, 1 13/32")	18, 25, 28, 32, 36, 40 mm (11/16, 1, 1 7/64, 1 1/4, 1 13/32, 1 9/16")	16, 20, 25 mm (5/8, 13/16, 1")	18, 25, 28, 32, 36, 40 mm (11/16, 1, 1 7/64, 1 1/4, 1 13/32, 1 9/16")	18, 22, 25, 28, 32, 36, 40 mm (11/16, 7/8, 1, 1 7/64, 1 1/4, 1 13/32, 1 9/16")	25, 28, 32, 36, 40, 45 mm (1, 1 7/64, 1 1/4, 1 13/32, 1 9/16, 1 25/32")
Capacity								
Closed side setting					Capacity			
6 mm					35 - 50			
1/16"					39 - 55			
8 mm					40 - 65	70 - 90	105 - 145	
5/16"					44 - 72	77 - 99	116 - 160	
10 mm					45 - 73	80 - 130	110 - 190	140 - **)
3/8"					49 - 80	88 - 143	121 - 210	155 - **)
15 mm					50 - 95	105 - 175	130 - 260	160 - 310
19/32"					55 - 105	115 - 192	143 - 286	176 - 341
20 mm		80 - 90			65 - 105	120 - 230	155 - 300	190 - 340
25/32"		88 - 99			72 - 116	132 - 253	170 - 330	209 - 374
25 mm		105 - 155	110 - 160	180 - 200		150 - 265	180 - 350	230 - 410
1"		116 - 170	121 - 176	198 - 220		165 - 292	198 - 385	253 - 451
30 mm		120 - 195	150 - 265	170 - 290		165 - 280	210 - 390	250 - 450
1 3/16"		132 - 214	165 - 292	187 - 319		182 - 308	230 - 430	275 - 495
35 mm		135 - 220	190 - 330	200 - 400		180 - **)	265 - **)	280 - 510
1 3/8"		149 - 242	209 - 363	220 - 440		198 - **)	292 - **)	308 - 561
40 mm		145 - 230	210 - 365	215 - 440				350 - **)
1 9/16"		160 - 253	231 - 402	236 - 484				385 - **)
45 mm		155 - 250	230 - **)	235 - **)	300 - 470			400 - **)
1¾"		170 - 275	243 - **)	259 - **)	330 - 517			440 - **)
50 mm			240 - **)	260 - **)	375 - 670			
2"			264 - **)	286 - **)	413 - 737			
55 mm					400 - 750			
2 3/16"					440 - 825			
60 mm					450 - 800			
2 3/8"					495 - 880			
65 mm					470 - 870			
2 9/16"					517 - 957			
70 mm					500 - **)			
2 ¾"					550 - **)			
								Mtph
								Stph

*) Crusher without options
**) Please contact Metso for more information

STMP



Each of these features also contributes to an efficient use of crushing energy, which makes the entire mining operation more profitable.

Maximizing Crushing Performance

STMP stands offer maximum power, and no similarly -sized conventional crusher can match the performance of the STMP 1000 or the STMP 800.

Productivity

With field-proven technology in demanding mining operations, the STMP 1000 and STMP 800 can process more ore to the same reduction or the same quantity of ore to a finer reduction than any competity of ore to a finer reduction than any competitive unit.

STMP Series Cone Crusher

Consistency

The STMP Series can be relied on for unparalleled consistency due to a number of features. Hydraulic controls allow the crushers to hold a constant setting while achieving unusually high reductions. A rotating bowl provides even wear in the crushing cavity while enabling crusher setting uniformity and consistent size reduction.

Adaptability

The STMP Series is designed to operate at various speed and cavity combinations to meet a wide range of requirements.

Reliability

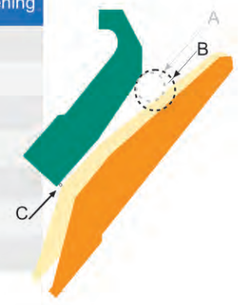
The STMP 1000 and STMP 800 incorporate features such as hydraulic cavity clearing and easy setting adjustment. These minimize downtime, helping ensure that the crushers are available whenever they are needed.

Sanland's decades of experience in the design and manufacture of cone crushers has created a quantum increase in productivity, coupled with cost-effective operation and ease of maintenance.

Crusher Cavity Selection

STMP800	Closed Feed Opening A	Opening Feed Opening B	Closed Side Setting Dimension C	Minimum Compression Ratio at Feed Opening
Shorthead Fine	40mm	91mm	6mm	2.28
Shorthead Medium	68mm	117mm	6mm	1.72
Shorthead Coarse	113mm	162mm	12mm	1.43
Standard Extra Fine	144mm	193mm	19mm	1.34
Sthandard Fine	241mm	282mm	19mm	1.17
Standard Medium	308mm	347mm	25mm	1.13
Standard Coarse	343mm	384mm	32mm	1.12
STMP1000	**Closed Feed Opening A**	**Opening Feed Opening B**	**Closed Side Setting Dimension C**	**Minimum Compression Ratio at Feed Opening**
Shorthead Fine	64mm	128mm	8mm	2.00
Shorthead Medium	104mm	169mm	10mm	1.63
Shorthead Coarse	140mm	203mm	10mm	1.45
Standard Extra Fine	241mm	295mm	22mm	1.22
Sthandard Fine	242mm	300mm	25mm	1.24
Standard Medium	343mm	390mm	32mm	1.14
Standard Coarse	360mm	414mm	38mm	1.15

Tel STMP Crushers are unmatched in their flexibility to adapt to a wide range of crushing conditions. The minimum Compression ratio shown above indicates that crushingbegins ot the feed opening.Due to the Symons principle of crushing,the minimum compression ratio increases with liner wear.



Crusher Capacities

	Sieve	CSS=50mm	CSS=38mm	CSS=25mm	CSS=19mm	CSS=13mm
	90mm	97-100	100			
	75mm	92-98	99-100	100		
	50mm	67-81	86-94	99-100		
	38mm	54-64	68-78	92-98	100-100	100
	25mm	38-45	48-54	65-80	94-98	99-100
	19mm	30-35	37-42	51-62	82-90	96-99
	16mm	25-29	31-35	43-53	73-82	92-97
	13mm	22-25	26-29	35-44	63-73	83-93
	10mm	18-21	22-24	28-34	52-61	70-91
	6mm	13-14	15-16	19-23	36-44	50-57
STMP800	MTPH	1460-1935	1100-1285	735-980	580-690	495-585
STMP1000	MTPH	1830-2420	1375-1750	915-1210	720-900	615-730

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STHP Series Cone Crusher

Benefits of Sanland STHP Series

- Large stroke
- Strong crushing force
- Attrition
- Reduction ratio
- Dual–acting cylinders

STHP for high performance

STHP Series cone crushers produce fner products by limiting crushing stages, which lowers your investment cost and saves energy. This is achieved through a combination of optimized speed, large throw, crushing chamber design and increased crushing force.

More power with less energy

A higher density in the crushing chamber improves the inter-particle crushing action, resulting in superior product shape, high reduction ratio and high capacity.

More uptime, more confidence

Dual-acting hydraulic tramp-release cylinders are used to let the crusher pass tramp iron and to provide a large clearing stroke if needed. The double accumulator combination provides better reactivity of the hydraulic system.

User friendly maintenance

Accessibility from the top of the crusher to the principal components, easy access for liner mainten-ance, mechanical rotation of the bowl for removal with a simple press of a button, no backing compound on liners, and full protection with SanlandIC™ automation make the STHP Series the most reliable cone crushers.

	STHP100	STHP200	STHP300	STHP400	STHP500	STHP3	STHP4	STHP6
Technical specifications								
Head diameter	735 mm (29")	940 mm (37")	1 120 mm (44")	1 320 mm (52")	1 520 mm (60")	1 000 mm (39")	1 120 mm (44")	1 290 mm (51")
Power	90 kW (125 hp)	132 kW (200 hp)	200 kW (300 hp)	315 kW (400 hp)	355 kW (500 hp)	220 kW (300 hp)	315 kW (400 hp)	450 kW (600 hp)
Crusher weight *)	5 400 kg (11 900 lbs)	10 400 kg (22 930 lbs)	15 810 kg (34 860 lbs)	23 000 kg (50 700 lbs)	33 150 kg (73 080 lbs)	17 600 kg (38 800 lbs)	25 800 kg (56 880 lbs)	kg lbs)
Feed opening								
Maximum	150 mm (6")	185 mm (7")	230 mm (9")	300 mm (11⅞")	335 mm (13¼")	200 mm (7⅞")	250 mm (9⅞")	330 mm (13")
Capacity								
Closed side setting	Capacity							
6 mm	45 – 55							
1/4"	50 – 60							
8 mm	50 – 60					94 – 122	135 – 175	
5/16"	55 – 65					104 – 135	150 – 190	
10 mm	55 – 70	90 – 120	115 – 140	140 – 175	175 – 220	108 – 147	155 – 210	220 – 300
3/8"	60 – 75	100 – 130	125 – 155	155 – 195	195 – 240	119 – 162	170 – 230	245 – 330
13 mm	60 – 80	120 – 150	150 – 185	185 – 230	230 – 290	136 – 185	195 – 265	280 – 380
1/2"	65 – 90	130 – 165	165 – 205	205 – 255	255 – 320	150 – 204	215 – 290	310 – 415
16 mm	70 – 90	140 – 180	180 – 220	225 – 280	280 – 350	164 – 220	235 – 315	335 – 450
5/8"	80 – 100	155 – 200	200 – 240	250 – 310	310 – 385	181 – 243	260 – 345	370 – 495
19 mm	75 – 95	150 – 190	200 – 240	255 – 320	320 – 400	182 – 241	260 – 345	370 – 490
3/4"	85 – 105	165 – 210	220 – 265	280 – 355	355 – 440	200 – 266	285 – 380	410 – 540
22 mm	80 – 100	160 – 200	220 – 260	275 – 345	345 – 430	199 – 262	285 – 375	410 – 535
7/8"	85 – 110	175 – 220	240 – 285	305 – 380	380 – 475	219 – 289	315 – 410	450 – 590
25 mm	85 – 110	170 – 220	230 – 280	295 – 370	365 – 455	210 – 279	300 – 400	430 – 570
1"	100 – 140	185 – 240	255 – 310	325 – 410	400 – 500	231 – 308	330 – 440	470 – 630
32 mm	110 – 155	190 – 235	250 – 320	325 – 430	405 – 535	217 – 307	310 – 440	440 – 630
1¼"	120 – 170	210 – 260	275 – 355	360 – 475	445 – 595	239 – 339	340 – 485	490 – 690
38 mm		210 – 250	300 – 380	360 – 490	445 – 605	251 – 349	360 – 500	515 – 715
1½"		230 – 275	330 – 420	395 – 545	490 – 670	277 – 385	395 – 550	565 – 785
45 mm			350 – 440	410 – 560	510 – 700	279 – 388	400 – 555	570 – 790
1¾"			385 – 485	450 – 625	560 – 775	308 – 427	440 – 610	630 – 870
51 mm				465 – 630	580 – 790			
2"				510 – 700	640 – 880			

□) Complete crusher weight: crusher + sub frame, motor sub frame, guards, feed and discharge arrangements

Mtph

Stph

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STNP Series Impact Crusher

Benefits of Sanland STNP Series

- High end–product value
- High plant availability
- Adaptable for all applications
- High quality for low CAPEX

Sanland STNP Series impact crusher's feature is the unique combination of heavy rotor design, materials selected for good wear resistance and crusher chamber design. This combination has proven revolutionary in improving capacity and product quality and in reducing operating and wear costs. STNP Series impact crushers deliver unbeatable performances in primary, secondary, tertiary and recycling applications.

Configured fo r your needs

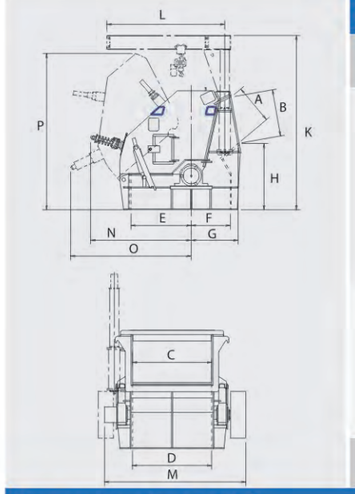
The Self Rotor Rotation system (SRR) is available across the STNP range and is part of Sanland's ongoing efort to innovate and find ways to enhance the quality, ease of use, and safety of its products. New STNP automation (IC2000) controls the crusher operation and gives a perfect and complete overview of performance.

High perform ance from STNP Series

The rotor with high inertiaimproves crushing reduction and provides stability in the process, reducing energy consumption and increasing long-term performance.

Reduced plant operating costs

Higher reduction with fewer crushing stages lowers your capital costs and saves energy.



Main dimensions and weights

STNP Model		Crusher complete	Rotor complete	Rotor diameter	Rotor width
Primary range	STNP1313	17 800 kg 39 249 lbs	6 340 kg 13 980 lbs	1 300 mm 51 ¼"	1 300 mm 51 ¼"
	STNP1415	21 815 kg 48 102 lbs	8 165 kg 18 004 lbs	1 400 mm 55 ⅛"	1 500 mm 59 ⅛"
	STNP1620	40 500 kg 89 303 lbs	15 980 kg 35 236 lbs	1 600 mm 63"	2 000 mm 78 ¾"
	STNP2023	74 230 kg 163 677 lbs	28 280 kg 62 357 lbs	2 000 mm 78 ¾"	2 300 mm 90 ⅝"
Secondary range	STNP1110	9 250 kg 20 396 lbs	3 065 kg 6 758 lbs	1 100 mm 43 ¼"	1 000 mm 39 ⅜"
	STNP1213	12 780 kg 28 180 lbs	4 850 kg 10 694 lbs	1 200 mm 47 ¼"	1 300 mm 51 ¼"
	STNP1520	27 100 kg 59 756 lbs	10 400 kg 22 932 lbs	1 500 mm 59 ⅛"	2 000 mm 78 ¾"
Secondary & tertiary	STNP15	16 130 kg 35 567 lbs	6 370 kg 14 046 lbs	1 300 mm 51 ¼"	1 500 mm 59 ⅛"

Clearance dimensions (mm/inch)

STNP Model		A	B	C-D	E	F	G	H	K	L	M	N	O	P
Primary range	STNP1313	1 050 41 ¼"	1 225 48 ¼"	1 320 52"	1 305 51 ⅜"	760 30"	632 24 ⅞"	1 386 24 ½"	3 765 148 ¼"	2 100 82 ¾"	2 560 100 ¾"	2 340 92 ⅛"	2 764 108 ¾"	3 405 134"
	STNP1415	1 140 44 ⅞"	1 320 52"	1 540 60 ⅝"	1 305 51 ⅜"	800 31 ½"	605 23 ¾"	1 430 56 ¼"	4 000 157 ½"	2 295 90 ¼"	2 790 109 ¾"	2 380 93 ¾"	2 790 109 ¾"	3 600 141 ¾"
	STNP1620	1 400 55 ⅛"	1 634 64 ¼"	2 040 80 ¼"	1 600 63"	920 36 ¼"	850 33 ½"	1 772 69 ¾"	4 950 194 ⅞"	3 000 118 ⅛"	3 600 141 ¾"	2 630 103 ½"	3 085 121 ½"	4 400 173 ¼"
	STNP2023	1 720 67 ¾"	1 986 78 ¼"	2 310 91"	2 210 87"	1 140 44 ⅞"	1 631 64 ¼"	2 273 89 ½"	6 000 236 ¼"	3 930 154 ¾"	4 424 174 ¼"	3 520 138 ⅝"	4 100 161 ⅜"	5 514 217"
Secondary range	STNP1110	710 28"	820 32 ¼"	1 020 40 ⅛"	1 105 43 ½"	652 25 ⅝"	796 31 ¼"	1 125 44 ¼"	3 055 120 ¼"	1 800 70 ⅞"	2 106 82 ⅞"	1 830 72"	2 030 80"	2 716 107"
	STNP1213	750 29 ½"	879 34 ⅝"	1 320 52"	1 120 44 ⅛"	705 27 ¾"	864 34"	1 212 47 ¾"	3 145 123 ¾"	2 100 82 ¾"	2 529 100"	1 945 76 ⅝"	2 306 90 ¾"	2 882 113 ½"
	STNP1520	850 33 ½"	995 39 ¼"	2 040 80 ¼"	1 368 53 ⅞"	885 34 ¾"	1 055 41 ½"	1 518 59 ¾"	3 950 155 ½"	3 000 118 ⅛"	3 400 133 ⅞"	2 336 92"	2 763 108 ¾"	3 540 139 ⅜"
Secondary & tertiary	STNP15	600 23 ⅝"		1 540 60 ⅝"	1 450 57 ⅛"	755 29 ¾"	905 35 ⅝"	1 620 63 ¾"	3 900 153 ½"	3 615 142 ¼"	3 400 133 ¾"	2 050 80 ¾"	3 250 127 ⅞"	2 700 106 ¼"

Technical data

	STNP Model	Feed opening	Maximum feed size	Nominal installed power	Maximum installed power
Primary range	STNP1313	1 320 x 1 225 mm (52" x 48 ¼")	900 mm (35")	200 kW / 250 hp	250 kW / 350 hp
	STNP1415	1 540 x 1 320 mm (60 ⅝" x 52")	1 000 mm (40")	250 kW / 350 hp	315 kW / 400 hp
	STNP1620	2 040 x 1 634 mm (80 ¼" x 64 ¼")	1 300 mm (51")	400 kW (2x200 kW) / 500 HP (2x250 hp)	500 kW (2x250 kW) / 700 HP (2x350 hp)
	STNP2023	2 310 x 1 986 mm (91" x 78 ¼")	1 500 mm (59")	1 000 kW (2x500 kW) / 1 300 HP (2x650 hp)	1 200 kW (2x600 kW) / 1 600 HP (2x800 hp)
Secondary range	STNP1110	1 020 x 820 mm (40 ¼" x 32 ¼")	600 mm (24")	160 kW / 200 hp	200 kW / 250 hp
	STNP1213	1 320 x 879 mm (52" x 34 ⅝")	600 mm (24")	200 kW / 250 hp	250 kW / 350 hp
	STNP1520	2 040 x 995 mm (80 ¼" x 39 ¼")	700 mm (28")	400 kW (2x200 kW) / 500 HP (2x250 hp)	500 kW (2x250 kW) / 700 HP (2x350 hp)
Secondary & tertiary	STNP15	1 540 x 600 mm (60 ⅝" x 24")	400 mm (16")	315 kW / 400 hp	355 kW / 450 hp

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STB Series VSI Crusher

Your competitive advantage

Sanland STB Series VSI is unbeatable when you require maximum availability, low operational costs, consistent high-quality products.

The heart of success

The Sanland VSI rotor has been developed to prolong the lifetime of its wear parts and to increase the operational availability by reducing the time needed for parts changes. Deep rotor technology (DTR) makes it possible to reach the highest possible capacities with the lowest possible power consumption.

Cascading optimizes quality

The cascade feature enables the operator to optimize the capacity and power consumption and to manipulate the product grading and shape to meet all specification requirements.

User-friendly and minimizes downtime

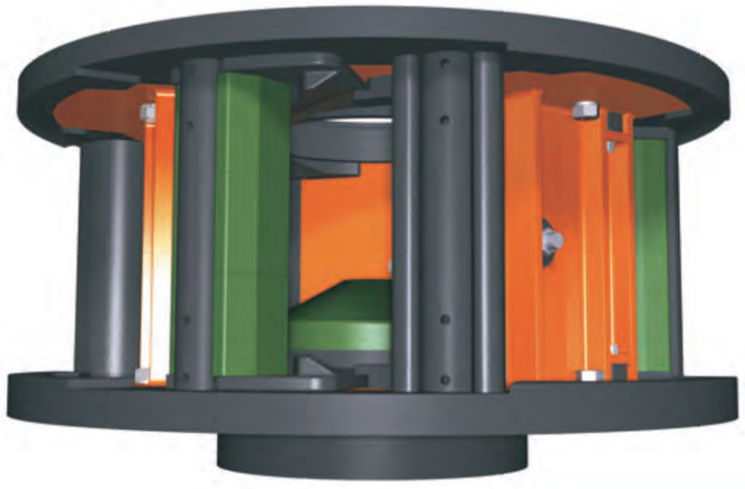
Sanland STB Series VSI is designed with ease of installation in mind. Foundation requirements are minimal due to the low static and dynamic forces in operation.

Benefits of Sanland STB Series

- Deep rotor technology maximizes capacity (DTR)
- Fine–tune product with cascading
- Multiple optional features to help installation and maintenance
- Sanland parts for trouble–free operation

	STB6150SE	STB7150SE	STB9100SE
Technical specifications			
Maximum feed size *)	37 mm (1 ½)	45 mm (1 ¾)	50 mm (2)
Speed	1 500 - 2 500 rpm	1 100 - 2 100 rpm	1 000 - 1 800 rpm
Power	75 - 160 kW (100 - 200 hp)	160 - 320 kW (200 - 400 hp) **)	320 - 600 kW (400 - 800 hp)
Operational crusher weight ***)	6 400 kg 14 100 lbs	12 400 kg 27 300 lbs	14 400 kg 31 700 lbs
Capacity			
Minimum capacity	60 Mtph	125 Mtph	263 Mtph
	66 Stph	137 Stph	289 Stph
Maximum capacity with cascade	217 Mtph	545 Mtph	775 Mtph
	238 Stph	599 Stph	852 Stph

*) Square mesh
**) Up to 220 kW [250 hp] single-drive configuration
***) Including motors



Sanland's new Orange Series Rotor is a user-friendly and cost-effective solution for your VSI application. Uptime can be significantly increased through shorter maintenance intervals and longer life of wear parts.

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Gyradisc Crusher Series

Features

The Sanland-made cone crusher is a U.S. licensed product with all its spare parts to be interchangeable with the original American Symons cone crushers;

Flexible drive, hydraulic adjustment and automatic cavity clearing;

Grease lubricating system, low consumption and environmentally friendly;

No seasonal or temperature constraints.

Type	Bottom diameter of cone (mm)	Throat size (mm)	Capacity (t/h)	Capacity of screen(hour)					
				Type of screen recommended					
				9mm	6mm	America 4# screen mesh=4	America 6# screen mesh=6	America 8# screen mesh=8	America 12# screen mesh=10
STPP0911	914	11	68	54	45	32	27	21	16
STPP0919		19							
STPP0925		25							
STPP1213	1219	13	109	95	73	50	41	36	27
STPP1219		19							
STPP1225		25							
STPP1232		32							
STPP1619	1676	19	181	145	108	77	63	54	41
STPP1625		25							
STPP2116	2134	16	254	227	170	118	91	81	63
STPP2125		25							
STPP2132		32							

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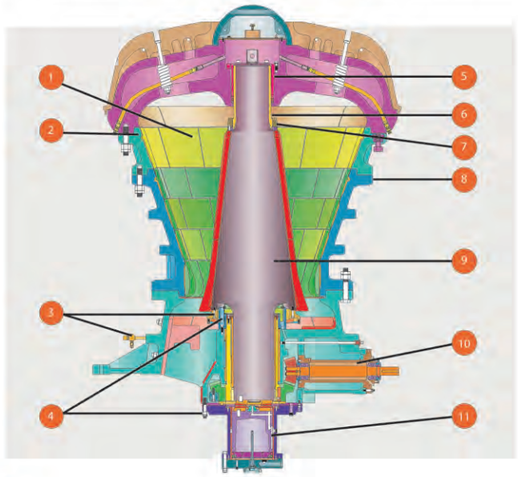
Type	Capacity of screen(hour)			Motor			Lubrication station normial 1/min	Machine weight
	Type of screen recommended							
	America 16# screen mesh=14	America 20# screen mesh=20	ASTM C33	Power (kw)	Speed (r/min)	Voltage (v)		
STPP0911 STPP0919 STPP0925	14	9	18–23	75	980	380	150	10700
STPP1213 STPP1219 STPP1225 STPP1232	23	15	32–36	160	1485	380	200	25130
STPP1619 STPP1625	36	27	50–54	220	985	6000	250	44090
STPP2116 STPP2125 STPP2132	54	36	73–82	315	740	6000	315	75340

MK– Ⅱ Gyratory Crusher Series



Features

Crushing chambers are matched to each individual application, optimizing crushing performance

Manganese wearing parts are standard - chrome alloy option is available for concaves and bottomshell liners

Effective dust seal is equipped with an over pressure air blower to keep dust out of the eccentric and drive, increasing crusher bearing life

Counterbalanced design, ideal for all applications, mobile or stationary, minimizes forces transmitted to the supporting structure

The spider bushing and seal can be replaced without removing the spider — reducing manpower, time, equipment and lost production due to down-time

Heavy-duty integral mainshaft with alloy steel threaded sleeve reduces stress on the mainshaft

Patented headnut with burning ring allows for simple removal of the mantle

High-strength shell design, proven in the toughest applications, provides trouble-free operation and long life

Mainshaft and head center are forged in one integral piece, eliminating the possibility of the head center separating during operation

External gear and pinion backlash adjustment

The mainshaft position system provides easy adjustment of the mainshaft to compensate for liner wear and to control product size

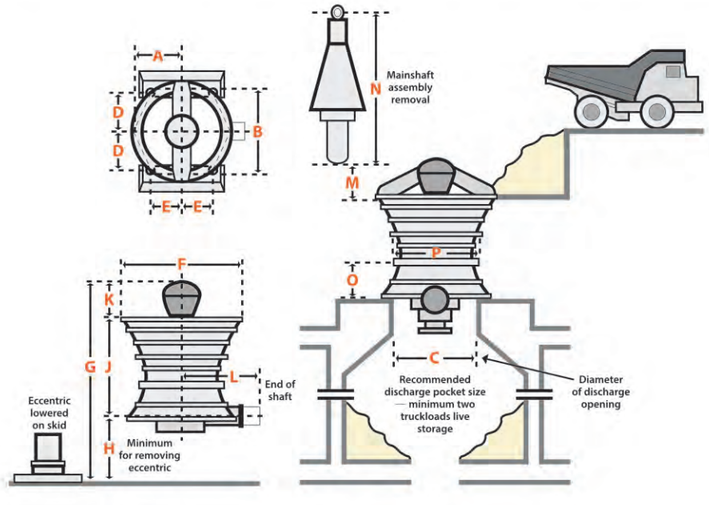
Capacities

Open side settings of discharge opening

Machine Size	Feed Opening mm	Pinion RPM	Maximum kW	125 mm	140 mm	150 mm	165 mm	175 mm	190 mm	200 mm	215 mm	230 mm	240 mm	250 mm
42-65	1065	600	375	–	2010	2335	2515	2870	–	–	–	–	–	–
50-65	1270	600	375	–	–	2395	2780	2935	–	–	–	–	–	–
54-75	1370	600	450	–	–	2885	2985	3145	3335	3485	–	–	–	–
62-75	1575	600	450	–	–	2890	3615	3815	4205	4330	–	–	–	–
60-89	1525	600	600	–	–	–	4195	4540	5080	5295	5530	5805	–	–
60-110E	1525	600	1200	–	–	–	–	5535	6945	7335	7570	8280	8595	8890

Dimensions

Crusher Size		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
42-65	cm	167.6	358.1	261.6	166.4	152.4	393.7	689.9	209.2	338.5	142.2	219.4	15.2	457.8	125.1	301.0
50-65	cm	167.6	358.1	261.6	166.4	152.4	445.8	760.7	209.2	400.6	150.7	219.4	15.2	520.0	125.1	301.0
54-75	cm	204.4	439.4	322.9	207.0	174.0	492.8	840.5	244.8	435.0	160.7	245.4	15.2	563.5	145.4	358.1
62-75	cm	204.4	439.4	322.9	207.0	174.0	557.4	908.1	244.8	503.7	159.6	245.4	15.2	618.6	145.4	358.41
60-89	cm	228.6	513.1	374.6	241.3	175.3	558.8	1046.9	299.7	536.6	210.8	264.8	15.2	682.6	175.3	388.6
60-110E	cm	248.9	548.6	442.5	243.8	218.4	619.7	1138.2	386.4	537.2	214.6	283.8	22.9	765.6	185.4	477.5



STVF Series Grizzly Feeder

Sanland STVF Series grizzly feeders have been designed for the toughest applications, high capacity and the ability to process abrasive material, either in stationary or mobile plants.

Features

- Various grizzly bar options
- Adjustable stroke
- Fully huck–bolted design
- Easy maintenance

Impact crusher	Grizzly feeder		Separate feeder + Grizzly scalper			Recommended for			Capacity	Top feed size
	Mobile	Stationary	Pan feeder	Push feeder	Grizzly scalper	Regular	Sticky feed	A lot of fines in the feed		
STNP1110M	STTK9–42–2V								400 mtph (440 stph)	600 mm (24")
STNP1213M	STTK11–42–2V								540 mtph (600 stph)	600 mm (24")
STNP1313		STVF561–2V				×				900 mm (36")
			STPF561					×	620 mtph (690 stph)	900 mm (36")
					STVG540–3V					
				STHRBM60–12			×			900 mm (36")
STNP1415		STVF661–2V				×				1000 mm (40")
			STPF661					×	750 mtph (830 stph)	1000 mm (40")
					STVG645–3V					
				STHRBM60–15			×			1000 mm (40")
STNP1620		STVF866–2V				×				1300 mm (51")
				STHRBM65–17	STVG745–3V		×	×		1100 mm (43")
				STHRBM70–19	STVG860–4V		×	×	1000 mtph (1110 stph)	1300 mm (51")
				Apron	STLH18–48		×	×		1300 mm (51")
STNP2023		STVF866–2V				×			1800 mtph (2000 stph)	1500 mm (59")
				STHRBM70–19	STVG860–4V		×	×	1300 mtph (1440 stph)	1500 mm (59")
				Apron	STLH24–61		×	×	2000 mtph (2220 stph)	1500 mm (59")

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Jaw crusher	Grizzly feeder		Separate feeder + Grizzly scalper			Recommended for			Capacity	Top feed size
	Mobile	Stationary	Pan feeder	Push feeder	Grizzly scalper	Regular	Sticky feed	A lot of fines in the feed		
			Stationary							
STC80	STTK8–27–2V	STTK8–32–2V							300 mtph (340 stph)	450 mm (18")
STC96	STTK9–32–2V	STTK9–32–2V							350 mtph (390 stph)	500 mm (19")
STC100		STB10–52–2V				×			500 mtph (560 stph)	700 mm (27")
				STDET10–38	STVG540–3V		×	×		
STC106	STTK11–42–2V								500 mtph (560 stph)	700 mm (27")
STC116	STTK11–42–2V								500 mtph (560 stph)	700 mm (27")
STC120	STTK12–42–2V								600 mtph (670 stph)	800 mm (32")
		STVF561–2V				×				
			STPF561					×		
				STHRBM60–12	STVG540–3V		×			
STC125	STB13–44–2V					×			700 mtph (780 stph)	800 mm (32")
	STB13–50–3V							×		
		STVF561–2V				×				
			STPF561					×		
				STHRBM60–12	STVG540–3V		×		600 mtph (670 stph)	
STC150	STVF661–2V	STVF661–2V				×			1000 mtph (1110 stph)	900 mm (36")
			STPF661					×		
				STHRBM60–15	STVG645–3V		×		900 mtph (1000 stph)	
STC160	STVF866–2V	STVF866–2V				×			1300 mtph (1440 stph)	1200 mm (47")
			STPF661		STVG645–3V			×	1000 mtph (1110 stph)	1000 mm (40")
				STHRBM65–17	STVG745–3V		×		1100 mtph (1220 stph)	
				STHRBM70–19	STVG860–4V		×		1300 mtph (1440 stph)	1200 mm (47")
				Apron	STLH18–48		×		1300 mtph (1440 stph)	
STC200		STVF866–2V				×			1500 mtph (1660 stph)	1200 mm (47")
				STHRBM70–19	STVG860–4V		×	×	1300 mtph (1440 stph)	
				Apron	STLH21–48		×	×	1800 mtph (2000 stph)	

STCVB Series Inclined Screen

The Sanland STCVB Series is the screen for you when you want a versatile and durable partner in your screening process.

Features

- Circular motion with up to 4G
- Adjustable incline 15° – 20°
- High safety design
- High–quality wear protection

Range	Deck dimension	Area	Decks	Weight
STCVB102P	1 565 x 3 660 mm	5.7 m^2	2	4 800 kg (10 580 lbs)
STCVB103P	5' x 12'	60 ft^2	3	5 800 kg (12 790 lbs)
STCVB202P	1 870 x 4 880 mm	9.1 m^2	2	7 800 kg (17 200 lbs)
STCVB203P	6' x 16'	96 ft^2	3	9 800 kg (21 600 lbs)
STCVB302P	1 870 x 6 100 mm	11.4 m^2	2	7 800 kg (17 200 lbs)
STCVB303P	6' x 20'	120 ft^2	3	11 500 kg (25 350 lbs)
STCVB402P	2 480 x 6 100 mm	15.1 m^2	2	11 700 kg (25 800 lbs)
STCVB403P	8' x 20'	160 ft^2	3	17 000 kg (37 480 lbs)
STCVB102	1 565 x 3 660 mm	5.7 m^2	2	5 000 kg (11 020 lbs)
STCVB103	5' x 12'	60 ft^2	3	6 000 kg (13 230 lbs)
STCVB104			4	7 000 kg (15 430 lbs)
STCVB202	1 870 x 4 880 mm	9.1 m^2	2	8 000 kg (17 640 lbs)
STCVB203	6' x 16'	96 ft^2	3	10 080 kg (22 220 lbs)
STCVB204			4	12 280 kg (27 070 lbs)
STCVB302	1 870 x 6 100 mm	11.4 m^2	2	10 500 kg (23 150 lbs)
STCVB303	6' x 20'	120 ft^2	3	11 900 kg (26 235 lbs)
STCVB304			4	14 000 kg (30 865 lbs)
STCVB402	2 480 x 6 100 mm	15.1 m^2	2	12 000 kg (26 450 lbs)
STCVB403	8' x 20'	160 ft^2	3	17 000 kg (37 480 lbs)
STCVB502	2 480 x 7 320 mm	18.2 m^2	2	16 000 kg (35 275 lbs)
STCVB503	8' x 24'	192 ft^2	3	22 500 kg (49 600 lbs)
STCVB602	3 070 x 7 320 mm	22.5 m^2	2	21 000 kg (46 300 lbs)
STCVB603	10' x 24'	240 ft^2	3	23 000 kg (50 700 lbs)

STES Series Horizontal Screen

Ramp up your screening efficiency with the revolutionary, high-energy elliptical motion SANLAND STES Series screen.

Features

- Elliptical motion with up to 6G
- High–energy screening
- Adjustable incline 0° – 5°

Range	Deck dimension	Area	Decks	Weight
STES202	1 870 x 4 880 mm	9.1 m^2	2	9 500 kg (20 950 lbs)
STES203	6' x 16'	96 ft^2	3	10 500 kg (23 150 lbs)
STES302	1 870 x 6 100 mm	11.4 m^2	2	9 500 kg (20 950 lbs)
STES303	6' x 20'	120 ft^2	3	11 500 kg (25350 lbs)
STES402	2 480 x 6 100 mm	15.1 m^2	2	12 360 kg (27 250 lbs)
STES403	8' x 20'	160 ft^2	3	16 500 kg (36 380 lbs)

STTS Series Multi–slope Screens

The SANLAND STTS Series is what you need when you are looking for uniquely designed high-capacity screens.

Features

- Elliptical motion with up to 6G
- High–energy screening
- Multi–slope inclines 20° – 15° – 25°
- Easy maintenance and safe access

Range	Deck dimension	Area	Decks	Weight
STTS2.2	1 500 x 5 000 mm	7.5 m^2	2	6 000 kg (13 230 lbs)
STTS2.3	4.9' x 16.4'	80.4 ft^2	3	8 000 kg (17 640 lbs)
STTS3.2	1 800 x 6 000 mm	10.8 m^2	2	8 000 kg (17 640 lbs)
STTS3.3	5.9' x 19.7'	116.2 ft^2	3	10 000 kg (22 050 lbs)
STTS4.2	2 400 x 6 000 mm	14.4 m^2	2	9 000 kg (19 840 lbs)
STTS4.3	7.9' x 19.7'	155.6 ft^2	3	12 000 kg (26 455 lbs)
STTS5.2	2 400 x 8 300 mm	20 m^2	2	16 000 kg (35 275 lbs)
STTS5.3	7.9' x 27.2'	214.9 ft^2	3	20 000 kg (44 090 lbs)
STTS6.2	3 000 x 8 300 mm	25 m^2	2	20 000 kg (44 090 lbs)
STTS6.3	9.8' x 27.2'	269 ft^2	3	24 000 kg (52 910 lbs)

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Jaw Crusher Series

Features

U.S. crushers, made by Sanland with American Terex technology;

High crushing ratio, even output granularity, simple structure, reliable performance and convenient in maintenance;

Environmentally friendly, high capacity and low cost;

Bearings made with SKF technology.

Catalogue Type	Feeder opening		Max Feeder opening	Discharge size		m^3/h Capacity	(Motor)			
	Width	Length		Normial size	Adjusting range		Model	kw Power	r/min Speed	Voltage
STPEJ 0609	600	900	500	100	± 25	60	YR315M–8	75	740	380
STPEJ 0912	900	1200	750	130	± 35	180	JR126–8	110	730	380
STPEJ 1215	1200	1500	1000	155	± 40	310	YR450–12	160	492	3000/6000
STPEJ 1521	1500	2100	1300	180	± 45	550	YR500–12	250	490	3000/6000

Weight Type	Weight (Exclude motor)	Frame ass'y	Swing ass'y	Pitman ass'y	Mainshaft ass'y	Counter ass'y	Shell		Swing	Pitman	Max part weight
							Top	Bottom			
STPEJ 0609	25900	10750	5100	1320	6400		8500		3300	1185	8500
STPEJ 0912	55363	27000	11845	2775	10916		20000		6783	1345	20000
STPEJ 1215	110380	53790	22610	5815	15100	6920	24500	18500	15200	3203	24500
STPEJ 1521	187660	93020	41670	12630	24075	7195	25000	27000	27000	6756	45000

Type	STPEF0102	STPEF0204	STPEF–X0207	STPEF–X0212
Size (mm)	150X250	250X400	250X750	250X1200
Feed opening (mm)	150X250	250X400	250X750	250X1200
Max feed size (mm)	125	210	210	210
Setting adjustment range (mm)	10–40	20–60	15–50	20–50
Capacity (t/h)	2–4	5–20	15–35	13–38
Motor type	Y132S–4	Y200L1–6	Y225M–6	Y250M–6
Power (kw)	5.5	18.5	30	37
Voltage (v)	380	380	380	380
Machine weight (t)	0.63	2.25	5.8	7.5
Overall dimension (m)	0.8X0.68X0.78	1.1X1.09X1.4	1.4X1.67X1.515	1.6X2.2X1.3

Type	STPEF0406	STPEF0507	STPEF0609
Size (mm)	400X600	500X750	600X900
Feed opening (mm)	400X600	500X750	600X900
Max feed size (mm)	340	400	500
Setting adjustment range (mm)	30–90	50–100	75–125
Capacity (t/h)	18–50	50–73.5	56–192
Motor type	Y225M–6	YR280M–6	JR117–8
Power (kw)	30	55	80
Voltage (v)	380	380	380
Machine weight (t)	5.7	11.4	16.8
Overall dimension (m)	1.56X1.74X1.59	3.5X1.94X2.2	2.57X3.72X2.37

Type	STPEF0710	STPEF0912	STPEF1113(42"X48")
Size (mm)	750X1060	900X1200	1100X1302
Feed opening (mm)	750X1060	900X1200	1100X1264
Max feed size (mm)	630	750	950
Setting adjustment range (mm)	80–140	95–165	100–200
Capacity (t/h)	115–208	152–264	250–500
Motor type	YR280M–6	JR126–8	YR355M2–8
Power (kw)	90	110	160
Voltage (v)	380	380	380
Machine weight (t)	27.94	40.57	52.5
Overall dimension (m)	2.73X2.76X2.82	5.0X4.47X3.18	3.6X2.99X3.32

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Cone Crusher Series

Features

High performance, well product granularity composition;

High reliability, convenient in maintenance and operation;

Low cost, wide application;

Its sealing forms include oil sealing and water sealing.

Type / Size		STPYT–B 0913	STPYT–Z 0907	STPYT–D 0905	STPYT–B 1217	STPYT–Z 1211	STPYT–D 1206
Diameter of cone(mm)			900			1200	
Feed opening(mm)		135	70	50	170	115	60
Max feed lump(mm)		115	60	40	145	100	50
Setting adjusting range		15–50	5–20	3–13	20–50	8–25	3–15
Capacity(ton/hour)		50–90	20–65	15–50	110–168	42–135	18–105
Eccentric bushing speed			333			300	
Electric motor	Type		Y315S–8			JS126–8	
	Power(kw)		55			110	
	Speed(r/min)		730			730	
	Voltage(v)		380			380	
No.of springs				10			
Total/single pressure of spring			700/70			1500/150	
Overall Dimension	Length(m)		3.05			3.5	
	Width(m)		1.64			3.3	
	Height(m)		2.36			2.9	
Weight(ton)			10.2	10.3	23.6	23.4	24.3

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Type / Size		STPYT-B 1725	STPYT-Z 1721	STPYT-D 1710	STPYT-B 2235	STPYT-Z 2227	STPYT-D 2213
Diameter of cone(mm)			1750			2200	
Feed opening(mm)		250	215	100	350	275	130
Max feed lump(mm)		215	185	85	300	230	100
Setting adjusting range		25–60	10–30	5–15	30–60	10–30	5–15
Capacity(ton/hour)		280–430	115–320	75–230	590–1000	200–580	120–340
Eccentric bushing speed			245			220	
Electric motor	Type		JS128–8			YLR450–2–12	
	Power(kw)		155			280	
	Speed(r/min)		735			495	
	Voltage(v)		380			380	
No.of springs			12			16	
Total/single pressure of spring			3000/250			4000/250	
Overall Dimension	Length(m)		6.02			3.5	
	Width(m)		5.2			4.7	
	Height(m)		5.9			4.1	
Weight(ton)		50.0	50.0	49.6	78.9	80.6	80.5

Gyratory Crusher Series

Features

Our company introduced the design and manufacturing technology of Tralor gyratory crusher from U.S. Fuller Inc.in 1986, which contains five sizes including 54-74,54-84,60-89, 60-110 and 72-93 inch,mainly used for the production of coarse crushing equipments of surface mines and dressing mills.

American Fuller Inc. is one of major manufacturers forgyratory crushers in the world, with a production history for more than 90 years. The maximum size of crushers made in Sanland is 60-110 and 72-93 inch. Our products feature in reasonable convenient maintenance and our customers are all around the world.

PXF Fuller Gyratory Crusher

Model	Feed opening (mm)	Discharge opening (mm)	Maximum feed lump (mm)	Capacity t/h	Bottom diameter of crushinghead (mm)	main motor			lubricating station (t/min)	Consumption of cooling water (m^3/h)
						Power (kw)	Speed (r/min)	Voltage (v)		
PXF 5474	1372(54")	152	1150	1740	1880(74")	400	490	6000	250	22.5
PXF 5484		203		2500	2134(84")	500				
PXF 6089	1524(60")	178	1300	3000	2260(89")	500	190	6000	400	23.5
PXF 60110				4000	2794(110")	355 × 2				
PXF 7293	1829(72")	178	1550	2620	2362(93")	500	295	6000	400	23.5

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Principal performance Data of PXZ

Model	Feed opening	Discharge opening	Maximum feed lump	Discharge setting	Capacity
PXZ 0909	900	90	750	90–120	380–510
PXZ 0913		130		130–160	625–770
PXZ 0917		170		170–190	815–910
PXZ 1216	1200	160	1000	160–190	1250–1480
PXZ 1221		210		210–230	1560–1720
PXZ 1417	1400	170	1200	170–200	1750–2060
PXZ 1422		220		210–230	2160–2370
PXZ 1618	1600	180	1350	180–210	2400–2800
PXZ 1623		230		210–240	2800–3200

Model	Bottom diameter of crushinghead (mm)	main motor			Lubricating station (t/min)	Consumption of cooling water (m^3/h)	Renark
		Power (kw)	Speed (r/min)	Voltage (v)			
PXZ 0909	1650	210	735	380	63	3	
PXZ 0913							
PXZ 0917							
PXZ 1216	2000	310	590	6000	125	6	
PXZ 1221							
PXZ 1417	2200	430	590	6000	125	6	
PXZ 1422		400					
PXZ 1618	2500	310	590	6000	125	6	
PXZ 1623							

Impact Crusher Series

Features

Sanland-made American crushers;

Wide feeding inlet, high crushing cavity, suitable for materials with high hardness and lumpiness, less stone powder and suitable for requirement of high-quality materials;

Complete crushing function, high productivity, less consumption of machine parts and high comprehensive efficiency.

Keyless connection, convenient maintenance, economical and reliable.

Type	Feed opening (mm)	Max. feeding edge (mm)	Capacity (t/h)	Power (kw)	Weight (kg)
PF–1010Ⅲ	400 × 1080	300	50–80	75	12200
PF–1210Ⅲ	400 × 1080	350	70–120	110	14000
PF–1214Ⅲ	400 × 1430	350	95–145	132	18700
PF–1315Ⅲ	800 × 1530	500	100–180	185	20800

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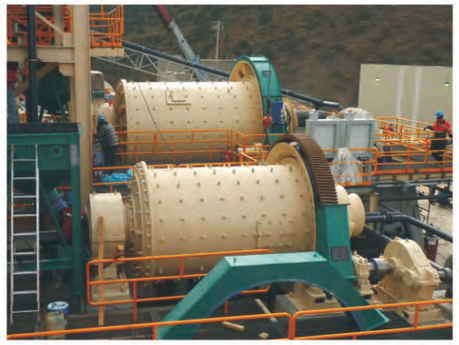
Ball Mill Series

Features



Ball mills are composed of such major parts as feeding, discharging, revolving and driving parts (reduction gear, small driving gear, electric motor and electric control), The hollow shaft is made with steel casting with available lining replacement and the rotating big gear is made with casting and hobbing technique. There is abrasion-resistant lining inside the barrel.Therefore, the ball mill has high abrasion-resistance, smooth operation and reliable performance.

MQY Overflowing Type Ball Mill

Model & Specification		MQY	MQY	MQY	MQY			MQY			
		0918	1224	1530	2130	2136	2145	2721	2736	2740	2748
Cylinder diameter (mm)		900	1200	1500		2100			2700		
Shell length (mm)		1800	2400	3000		3600	4500	2100	3600	4000	4800
Effective volume (m^3)		1	2.4	5	9	11	14.1	10.4	18.5	20.6	24.7
Maximum ball load (t)		1.66	4.8	8	18	20	25.4	24	39	38	44.5
Speed (r/min)		39.2	31.3	26		23.8		21.8		20.5	
Output (t/h)		037–1.8	0.36–5.18	Based on working conditions							
Main Motor	Model	Y225M–8	Y315S–8	JR125–8		JR137–8		—	JR1410–8	TDMK400–32	—
	Power (kw)	22	55	95		210		245	280	400	500
	Rotational speed (r/min)	730		725		735		—	740	187.5	—
	Voltage (V)	380						6000			
Overall Dimensions	Length (m)	5.08	6.63	7.44	8.8	9.3	10.1	9.4	11.4	11.85	12.5
	Width (m)	2.3	2.8	3.34		4.7		5.6		5.7	
	Height (m)	2.02	2.5	2.76		4.4		4.7		4.5	
Total weight (t)		5.4	12.24	16.28	43.2	46.8	51.4	63.9	70	72.6	77.8
Remark		Motor weight is excluded from the total weight.									

MQY Overflowing Type Ball Mill

Model & Specification		MQY			MQY				MQY
		3245	3254	3260	3645	3650	3660	3690	5164
Cylinder diameter (mm)			3200			2700			5100
Shell length (mm)		4500	5400	6000	4500	5000	6000	9000	6400
Effective volume (m^3)		32.8	39.5	43.7	41	46.2	55	83	117.8
Maximum ball load (t)		61	73	81	76	86	102	163	218
Speed (r/min)			18.5		17.5		17.3		13.8
Main motor power (kw)		630		1000		5000		1800	2600
Overall Dimensions	Length (m)	14.6	15.8	15.084	15.0	17.157	17.0	19.187	14.0
	Width (m)		6.7		7.2	7.755	7.7	9.793	8.3
	Height (m)	5.15		5.196	6.3	6.326	6.3	7.493	9.0
Total weight (t)		114	121	138.2	135	145	154	212	290
Remark		Motor weight is excluded from the total weight.							

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MQY Overflowing Type Ball Mill

Specification	Shell diameter (mm)	Shell length (mm)	Capacity (m^3)	Speed (r/min)	Maximum ball load (t)	Main motor power (kW)	Total weight (t)
MQY1824	1830	2450	5.7	23.5	9.8	110	20.3
MQY1830	1800	3000	7	23.5/25.4	12	132	21.7
MQY1845	1830	4500	10	23.5/25.4	18	185	25.8
MQY2424	2400	2400	9.6	22.8	18.8	210	
MQY2430	2400	3000	12.3	22.8	22	250	
MQY2442	2400	4200	16.9	22.8	30	355	60
MQY2445	2400	4500	18.2	22.8	31	400	
MQY3862	3800	6200	64	16.8	118	1500	
MQY4060	4000	6000	69.9	16.8	113	1500	213
MQY4067	4000	6700	78	16.2	138	1600	
MQY4361	4270	6100	80	15.7	144	1750	
MQY4385	4270	8500	110	15.7	205	2500	
MQY4561	4572	6100	93.3	15.1	151	2200	272
MQY4564	4500	6400	97	15.1	134	1950	
MQY4576	4500	7600	111.7	15.1	180	2200	
MQY4669	4600	6900	105.9	15	185	2300	
MQY4870	4800	7000	118.9	15	208	2500	
MQY4883	4800	8300	138	15	240	3000	
MQY5064	5030	6400	121	14.4	224	2600	
MQY5067	5030	6700	123.2	14.4	227	3000	
MQY5070	5030	7000	128.8	14.4	227	3000	
MQY5074	5030	7400	136	14.4	240	3300	
MQY5080	5030	8000	147.2	14.4	246	3300	
MQY5583	5500	8300	182	13.7	296	4100	
MQY5585	5500	8500	185	13.7	300	4500	
MQY5588	5500	8800	191.5	13.7	335	4500	

MZS Autogenous Mill

Model & Specification		MZS					
		2409	4014	5518	6030	7525	7528
Cylinder Diameter (mm)		2400	4000	5500	6000	7500	7500
Shell Length (mm)		900	1400	1800	3000	2500	2800
Max.feeding size (mm)		≤250	<350	<400	<400	<400	<400
Output (t/h)		Based on working conditions					
Main Motor	Model	Z_2-111	JR138-8	TDMK800-36	TM1250-14/1730	TM2500-16/2150	TM2500-16/2150
	Power (kw)	55	245	800	1250	2500	2500
	Rotational Speed (r/min)	600	735	167	428.5	375	375
	Voltage (V)	220	380	3000/6000	6000	6000	6000
lubrication station(l/min)		16	35	50	100	100	100
Remark							

MQS Wet Grate Type Ball Mill

Model & Specification		MQS		MQS		MQS		MQS	
		0909	0918	1212	1224	1515	1530	2122	2130
Cylinder Diameter (mm)		900		1200		1500		2100	
Shell Length (mm)		900	1800	1200	2400	1500	3000	2200	3000
Effective Volume (m^3)		0.5	1	1.2	2.4	2.5	5	6.6	9
Maximum ball load (t)		0.96	1.92	2.4	4.8	5	10	15	20
Speed (r/min)		39.2		31.3		29.2		23.8	
Output (t/h)		0.22-1.07	0.44-2.14	0.17-4.0	0.4-5.8	1.4-4.3	2.8-9	Based on working conditions	
Main Motor	Model	Y225S-8	Y225M-8	Y250M-8	Y315S-8	JR115-8	JR125-8	JR128-8	JR137-8
	Power (kw)	17	22	30	55	60	95	155	210
	Rotational Speed (r/min)	720		730		725		730	735
	Voltage (V)	380							
Overall Dimensions	Length (m)	4.75	5.00	5.2	6.5	5.77	7.6	8	8.8
	Width (m)	2.21	2.28	2.8		3.3		4.7	
	Height (m)	2.05		2.54		2.7		4.4	
Total Weight (t)		4.62	5.34	11.4	13.43	13.9	17.4	42.2	45
Remark		Motor weight is excluded from the total weight.							

MQS Wet Grate Type Ball Mill

Model & Specification		MQS			MQS			MQS			
		2721	2727	2736	3230	3236	3245	3639	3645	3650	3660
Cylinder Diameter (mm)		2700			3200			3600			
Shell Length (mm)		2100	2700	3600	3000	3600	4500	3900	4500	5000	6000
Effective Volume (m^3)		10.8	13.9	18.5	21.8	18.5	32.8	36	41	46.2	
Maximum ball load (t)		23	29	39	46	58	65	75	90	96	
Speed (r/min)		20.5			18.5			17.5			
Output (t/h)		Based on working conditions					95–110	Based on working conditions			
Main Motor	Model	JR147–8	JR148–8	TDMK 400–32	TDMK 500–36	TDMK 630–36	TDMK 800–36	TDMK 1000–36	TDMK 1250–40	TDMK 1400–40	
	Power (kw)	260	310	400	500	630	800	1000	1250	1400	
	Rotational Speed (r/min)	735		187.5	167				150		
	Voltage (V)	3000		6000							
Overall Dimensions	Length (m)	9.28	9.9	11.9	13.7	14.3	15.6	15	15.2	17.6	
	Width (m)	5.5		5.7	6.76			7.2	7.75		
	Height (m)	4.5	4.4	4.5	5.2				6.3		
Total Weight (t)		62	66	77	107.7	114.7	123	145	159.7	158	
Remark		Motor weight is excluded from the total weight.									

MBS(G) Rod Mill

Model & Specification		MBS		MBS	MBS–Z	MBS	MBG–B	
		0918	0924	1530		2130		2136
Cylinder Diameter (mm)		900		1500		2100		
Shell Length (mm)		1800	2400	3000		3600		
Effective Volume (m^3)		1	1.32	5		9		11
Maximum ball load (t)		2.5	3.5	8	13	25		27
Speed (r/min)		35.4		26		20.9		
Output (t/h)		0.62–3.2	0.81–4.3	2.4–7.5		Based on working conditions		
Main Motor	Model	Y225M–8	Y250M–8	JR125–8		JR137–8		
	Power (kw)	22	30	95		210		
	Rotational Speed (r/min)	730		725		735		
	Voltage (V)	380						
Overall Dimensions	Length (m)	4.98	5.67	7.6	7.49	8.7	8.1	6.0
	Width (m)	2.37	3.28	3.2	3.34	4.8	4.7	
	Height (m)	2.02		2.77	2.7	4.4		
Total Weight (t)		5.7	5.88	17.14	17.285	42.18	43	45
Remark		Motor weight is excluded from the total weight.						

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MBS Rod Mill

Model & Specification		MBS		MBS–Z	MBS	MBS	
		2736	2740	2740	3245	3645	3654
Cylinder Diameter (mm)		2700			3200	3600	
Shell Length (mm)		3600	4000		4500		5400
Effective Volume (m^3)		18.5	20.6		32.8	43	50
Maximum ball load (t)		49	51		50	110	124
Speed (r/min)		18			16	14.7	15.1
Output (t/h)		Based on working conditions					
Main Motor	Model	TDMK400–32			TDMK630–36	TDMK1250–40	TDMK1000–36/2600
	Power (kw)	400			630	1250	1000
	Rotational Speed (r/min)	187.5			167	150	167
	Voltage (V)	6000					
Overall Dimensions	Length (m)	11.9	12.3		14.6	15.2	15.9
	Width (m)	5.7			7	8.8	8
	Height (m)	4.7			5.3	6.8	6.7
Total Weight (t)		69.7	72	75	109	159.9	150
Remark		Motor weight is excluded from the total weight.					

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Feeder Series

Features

Sanland-made American crushers with the technology of American AC Inc.;

Simple structure, stable vibration, even feedstock and excellent continuity;

Adjustable vibration force, changeable and controllable flow anytime as needed, convenient operation; the eccentric block is the vibration source and it has less noise, a low power consumption rate, a good adjustability and no material outrush;

Structural parts are made with riveting technique.

ZSW Series Vibration Feeders

Model	Max.Feed Particle Size (mm)	Capacity (t/h)	Eccentric Axle Speed (r/min)	Type of Motor	Motor power (kw)	Motor Speed (r/min)	Motor Qty.	Installation angle Oo	Mechanical Dimensions (L×W×H)	Mechanical Weight (T)	Chute Sizes (mm×mm)
STZSW-360×90	450	60–120	800	Y160M-4	11	1500	1	0	3768×1992×1997	3.69	3668×895
STZSW-380×96	500	100–160	500–800	Y180L-8	11	750	1	0	3882×2224×2121	3.98	3800×960
STZSW-490×96	500	120–200	500–800	Y180L-8	15	1000	1	0	4957×2277×2150	5.0	4900×960
STZSW-600×100	600	350	800	Y200L-4	30	1500	1	0	6102×1835×2215	7.25	6000×1000
STZSW-490×110	580	120–280	500–800	Y180L-6	15	1000	1	0	4957×2400×2150	5.32	4900×1100
STZSW-590×110	630	300–400	750	Y180L-4	22	1500	1	0	6000×2500×2150	6.13	5900×1100
STZSW-480×120	600	280	800	Y200L-4	30	1500	1	0	4900×2700×2120	6.4	4800×1200
STZSW-600×130	750	400–560	500–800	Y180L-4	22	1500	1	0	6082×2580×2083	7.8	6000×1300

GZT Series Vibration Grizzly Feeder

Model	Working Area (m^2)	Dip Angle (Degree)	Feeding Particle Size(mm)	Productivity (t/h)	Vibration Frequency (HZ)	Vibration Amplitude	Motor		Total Weight (kg)
							Model	Power	
STGZT0725	1.75	0°	≤200	150–175	12.17	5–6	Y180L–8	11	3606
STGZT1225	3	5°	≤500	260–300	12.17	4.5–5	Y180L–8	11	3698
STGZT1230	3.6	5°	≤600	260–300	12.17	4.5–5	Y180L–8	11	4278
STGZT1332	4.16	5°	≤500	270–310	12.17	4–4.5	Y180L–8	11	4540
STGZT1535	5.25	5°	≤600	300–400	12.17	4.5–5	Y200L–8	15	6005
STGZT1560	9	9°	≤960	400–600	13.33	4	Y180L–4	22	10934

GZG Series Vibrating Feeder

Model	Dip Angle (Degree)	Feeding Particle Size	Productivity	Vibration Frequency	Vibration Amplitude	Motor		Total Weight (kg)
						Model	Power	
STGZG303	0–10	≤100	25–32	23.83	2	YZO–3–4	2×0.18	187
STGZG403	0–10	≤100	30–40	23.83	2	YZO–5–4	2×0.25	245
STGZG503	0–10	≤150	60–85	23.83	2	YZO–5–4	2×0.25	273
STGZG633	0–10	≤200	110–150	23.83	2	YZO–10–4	2×0.55	473
STGZG703	0–10	≤200	120–170	23.83	2	YZO–10–4	2×0.55	514
STGZG803	0–10	≤250	160–230	23.83	2	YZO–16–4	2×0.75	562
STGZG0903	0–10	≤250	180–250	23.83	2	YZO–20–4	2×1.1	900
STGZG1003	0–10	≤300	270–380	23.83	2	YZO–30–4	2×1.5	950
STGZG1004	0–10	≤300	300–400	23.83	2	YZO–30–4	2×1.5	1165
STGZG1103	0–10	≤300	300–420	23.83	2	YZO–30–4	2×1.5	1006
STGZG1253	0–10	≤350	460–650	23.83	2	YZO–30–4	2×1.5	1306
STGZG1303	0–10	≤350	480–670	23.83	2	YZO–30–4	2×1.5	1461
STGZG1503	0–10	≤500	720–1000	24.83	2	YZO–50–4	2×2.2	1588
STGZG1504	0–10	≤500	720–1000	24.83	2	YZO–80–4	2×3.7	2619
STGZG1603	0–10	≤500	770–1100	24.83	2	YZO–50–4	2×2.2	1745
STGZG1803	0–10	≤500	900–1200	24.83	2	YZO–63–4	2×3	2749
STGZG2003	0–10	≤500	1000–1400	24.83	2	YZO–63–4	2×3	3024

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GZG Series Vibrating Feeder

Model	Dip Angle (Degree)	Feeding Particle Size	Productivity	Vibration Frequency	Vibration Amplitude	Motor		Total Weight
						Model	Power	
STGZG0705	0–10	≤200	130–180	16.16	2.5	YZO–10–6	2×0.75	557
STGZG0805	0–10	≤250	170–250	16.16	2.5	YZO–10–6	2×0.75	718
STGZG0905	0–10	≤250	200–270	16.16	2.5	YZO–10–6	2×0.75	881
STGZG1005	0–10	≤300	290–410	16.16	2.5	YZO–20–6	2×1.5	936
STGZG1105	0–10	≤300	320–450	16.16	2.5	YZO–20–6	2×1.5	1094
STGZG1255	0–10	≤350	500–700	16.16	2.5	YZO–20–6	2×1.5	1319
STGZG1035	0–10	≤330	620–720	16.16	2.5	YZO–30–6	2×2.2	1471
STGZG1505	0–10	≤500	780–1080	16.16	2.5	YZO–30–6	2×2.2	1596
STGZG1605	0–10	≤500	830–1190	16.16	2.5	YZO–30–6	2×2.2	1643
STGZG1805	0–10	≤500	970–1320	16.16	2.5	YZO–50–6	2×3.7	2873
STGZG1256	0–10	≤350	500–700	16.16	2.5	YZO–30–6	2×2.2	1529
STGZG1306	0–10	≤350	520–730	16.16	2.5	YZO–30–6	2×2.2	1681
STGZG1506	0–10	≤500	780–1080	16.16	2.5	YZO–30–6	2×2.2	1773
STGZG1606	0–10	≤500	830–1190	16.16	2.5	YZO–30–6	2×2.2	1824
STGZG1806	0–10	≤500	970–1300	16.16	2.5	YZO–80–6	2×5.5	3362
STGZG2006	0–10	≤500	1300–1800	16.16	2.5	YZO–80–6	2×5.5	3654

Vibrating Screen Series

Features

Sanland-made American crushers with the technology of American AC Inc.;

All parts are made with riveting technique;

Simple structure, convenient in replacement of sieving screens;

It consumes less power for sieving one ton of materials with a high productivity.

Model	Screen cloth			Charging grain Size (mm)	Capacity (t/h)	Vibration frequency (min^{-1})	Double amplitude (mm)	Motor		Outline size L×W×H(mm)	Total weight (kg)
	No. Of layer	Area (m^2)	Opening size (m^2)					Model	Power (kw)		
DYS2773	1	19.7	10–39	≤200	350–400	750	9.5	Y180L–4	22×2	7309×4153×4644	16014
2DYS2773	2	19.7	10–39	≤200	350–400	750	9.5	Y180L–4	22×2	7309×4153×4644	19214
DYS3073	1	11.5	15–35	≤200	620–1300	625	10	Y200L–4	30×2	6386×3800×4021	19199
2DYS3073	2	11.5	15–35	≤200	620–1300	625	10	Y200L–4	30×2	6386×3800×4021	22399

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Model	Screen cloth			Charging grain Size (mm)	Capacity (t/h)	Vibration frequency (min^{-1})	Double amplitude (mm)	Motor		Outline size L×W×H(mm)	Total weight (kg)
	No. Of layer	Area (m^2)	Opening size (m^2)					Model	Power (kw)		
STYA1230 (4"×10")	1	3.6	6–50	≤200	70–220	845	9.5	Y160M–4	11	2976×2364×2126	4610
STYA1236 (4"×12")	1	4.3	6–50	≤200	75–245	900	9	Y160L–4	15	3757×2385×2456	4675
ST2YA1236 (4"×12")	2	4.3	6–50	≤200	75–245	900	9	Y160L–4	15	3757×2385×2456	4857
ST3YA1236 (4"×12")	3	4.3	6–50	≤200	75–245	900	9	Y160L–4	15	3757×2385×2828	5718
STYA1530 (5"×10")	1	4.5	6–50	≤200	80–240	845	9.5	Y160M–4	11	3184×2671×2280	4675
STYA1536 (5"×12")	1	5.4	6–50	≤200	100–350	845	9.5	Y160M–4	11	3757×2670×2419	5137
ST2YA1536 (5"×12")	2	5.4	6–50	≤200	100–350	845	9.5	Y160L–4	15	3757×2843×2419	5624
ST3YA1536 (5"×12")	3	5.4	30–50	≤200	100–350	845	8–11	Y160L–4	15	3757×2669×3012	7056
STYAH1536 (5"×12")	1	5.4	30–150	≤400	160–650	755	9.5	Y160M–4	11	3757×2670×2437	5621
ST2YAH1536 (5"×12")	2	5.4	30–150 6–50	≤400	160–650	755	11	Y160L–4	15	3757×2715×2437	6045
STYA1542 (5"×14")	1	6.5	6–50	≤200	110–385	845	9.5	Y160M–4	11	4331×2670×2655	5515
ST2YA1542 (5"×14")	2	6.5	6–50	≤200	110–385	845	9.5	Y160L–4	15	4331×2715×2674	6098
STYA1548 (5"×16")	1	7.2	6–50	≤200	120–420	845	9.5	Y160L–4	15	4904×2715×2854	5918
ST2YA1548 (5"×16")	2	7.2	6–50	≤200	125–400	850	9.5	Y160L–4	15	4858×2763×3127	5760
ST3YA1548 (5"×16")	3	7.2	6–50	≤200	125–400	850	9.5	Y180M–4	18.5	4870×2827×3534	7363
ST4YA1548 (5"×16")	4	7.2	6–50	≤200	125–400	850	9–11	Y200L–4	30	4877×2893×4007	9910
STYAH1548 (5"×16")	1	7.2	30–150	≤400	320–780	755	11	Y180M–4	18.5	4904×2715×2943	6842
ST2YAH1548 (5"×16")	2	7.2	30–150	≤400	320–780	755	11	Y160L–4	15	4904×2715×2943	7258
STYA1836 (5"×16")	1	6.5	6–50	≤200	140–220	845	9.5	Y160M–4	11	3757×2975×2419	5690
ST2YA1836 (6"×12")	2	6.5	6–50	≤200	140–220	845	9.5	Y160L–4	15	3757×2975×2437	5946
STYAH1836 (6"×12")	1	6.5	30–150 6–50	≤400	220–900	755	11	Y160M–4	11	3757×3020×2437	5900
ST2YAH1836 (6"×12")	2	6.5	30–150 6–50	≤400	220–900	755	11	Y160L–4	15	4331×3020×2675	6353
STYA1842 (6"×14")	1	7.6	6–50	≤200	140–490	845	9.5	Y160L–4	15	4331×3020×2675	5829
ST2YA1842 (6"×14")	2	7.6	6–50	≤200	140–490	845	9.5	Y160L–4	15	4331×3020×2700	6437
STYAH1842 (6"×14")	1	7.6	30–150	≤400	240–950	755	11	Y160L–4	15	4331×3020×2700	6352
ST2YAH1842 (6"×14")	2	7.6	30–150	≤400	240–950	755	11	Y160L–4	15	4904×3023×2943	7037
STYA1848 (6"×16")	1	8.6	6–50	≤200	150–525	845	9.5	Y160L–4	15	4904×3023×2943	6289

Model	Screen cloth			Charging grain Size (mm)	Capacity (t/h)	Vibration frequency (min^{-1})	Double amplitude (mm)	Motor		Outline size L×W×H(mm)	Total weight (kg)
	No. Of layer	Area (m^2)	Opening size (m^2)					Model	Power (kw)		
ST2YA1848 (6"×16")	2	8.6	6–50	≤200	150–525	845	9.5	Y160L–4	15	4904×3023×2943	6624
ST3YA1848 (6"×16")	3	8.6	6–50	≤200	150–525	748	9.5	Y180L–4	22	4704×3312×3614	9792
STYAH1848 (6"×16")	1	8.6	30–150	≤400	250–1000	755	11	Y180M–4	18.5	4904×3023×2943	7122
ST2YAH1848 (6"×16")	2	8.6	30–150	≤400	250–1000	755	11	Y180L–4	22	4904×3023×2943	7740
STYA1860 (6"×20")	1	11.2	6–50	≤200	200–685	850	11.6	Y180L–4	22	6091×3116×3762	8950
ST2YA1860 (6"×20")	2	11.2	6–50	≤200	200–685	850	11.6	Y180L–4	22	6091×3116×3762	9250
ST3YA1860 (6"×20")	3	11.2	6–50	≤200	200–685	850	11.6	Y200L–4	30	6091×3208×4234	11775
ST4YA1860 (6"×20")	4	11.2	6–50	≤200	200–685	800	11.6	Y225S–4	37	6091×3329×4746	14940
ST2YAH1860 (6"×20")	2	11.2	30–150	≤400	300–1250	850	11.6	Y180L–4	22	6091×3116×3848	10292
ST3YAH1860 (6"×20")	3	11.2	30–150	≤400	350–1200	850	11.6	Y200L–4	30	6091×3208×4234	12770
STYA2148 (7"×16")	1	10	6–50	≤200	180–630	748	9.5	Y180M–4	18.5	4945×3427×3513	9287
ST2YA2148 (7"×16")	2	10	6–50	≤200	180–630	748	9.5	Y180L–4	22	4945×3463×3515	10532
STYAH2148 (7"×16")	1	10	30–150	≤400	270–1200	708	11	Y180M–4	18.5	4945×3423×3501	10430
ST2YAH2148 (7"×16")	2	10	30–150	≤400	270–1200	708	11	Y180L–4	22	6092×3423×3674	44490
STYA2160 (7"×20")	1	12.6	3–50	≤200	230–800	748	9.5	Y180M–4	18.5	6092×3463×3674	9926
ST2YA2160 (7"×20")	2	12.6	6–50	≤200	230–800	748	9.5	Y180L–4	22	6116×3619×3849	11249
ST3YA2160 (7"×20")	3	12.6	6–50	≤200	230–800	748	8–10	Y180M–4	18.5	7355×3467×4420	15443
STYAH2160 (7"×20")	1	12.6	30–150	≤400	350–1500	708	9.5	Y180L–4	22	6116×3619×3849	12490
ST2YAH2160 (7"×20")	2	12.6	30–150	≤400	350–1500	708	11	Y200L–4	30	6116×3619×3849	13858
STYA2448 (8"×16")	1	11.5	6–50	≤200	200–700	748	9.5	Y200L–4	30	4945×3729×3473	9834
STYAH2448 (8"×16")	1	11.5	30–150	≤400	310–1300	708	9.5	Y200L–4	30	4969×3925×3638	11830
ST2YAH2448 (8"×16")	2	11.5	30–150	≤400	310–1300	708	9.5	Y200L–4	30	4969×3925×3638	13012
STYA2460 (8"×20")	1	14.4	6–50	≤200	260–840	748	9.5	Y200L–4	30	6091×3925×3850	12240
ST2YA2460 (8"×20")	2	14.4	6–50	≤200	260–840	748	9.5	Y200L–4	30	6091×3925×3850	13583
ST3YA2460 (8"×20")	3	14.4	6–50	≤200	260–840	748	9.5	Y200L–4	30	6088×3916×4478	20198
STYAH2460 (8"×20")	1	14.4	30–150	≤400	645–1500	708	11	Y200L–4	30	6100×3925×3850	13096
ST2YAH2460 (8"×20")	2	14.4	30–150	≤400	645–1500	708	9.5	Y200L–4	30	6091×3925×3850	14420

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Belt Conveyor Series

Made with the technology of German Precismaca Inc.;

The belt conveyor made in our company features in large conveying quantity, simple structure, convenient maintenance and standardized machine parts.

There is no need to add lubricating oil during the operation, resulting in lower cost.

Conveying Speed (m/s)	Belt Width	Belt Width	Belt Width	Belt Width	Belt Width	Belt Width
	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
0.8	78	104	—	—	—	—
1	97	131	278	435	655	891
1.25	122	206	318	544	819	1115
1.6	156	264	445	696	1048	1427
2	191	323	551	853	1284	1748
2.5	232	391	646	1033	1556	2118
3.15	—	—	824	1233	1858	2528
4	—	—	—	—	2202	—

Mobile Crushing and Screening Plant

DCP 150

Source of technologies: Wheel crusher production line of American JCI and national patent declared by our company

Features

It is fast to transfer to another working area without dismounting and installation by trailers;

All-weather, cross-country and distributing production;

Electrical power and cable connection are needed for production;

Dirt is removed on lateral belt;

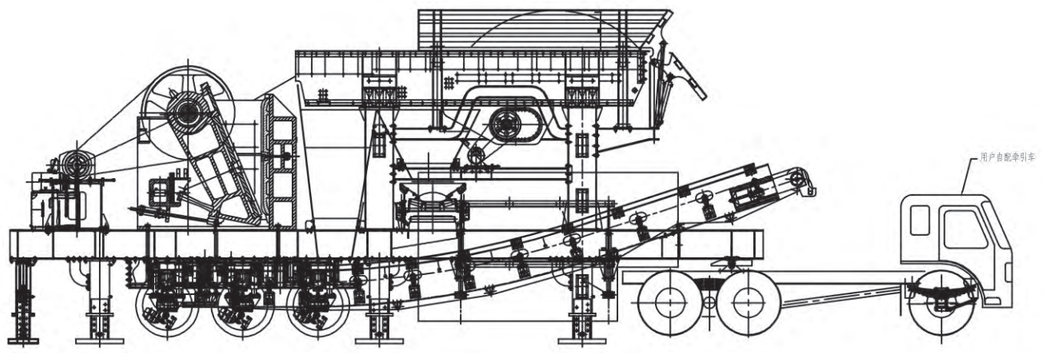
The primary belt is connected to both feeders and jaw crushers for continuing production;

Hydraulic parking-brake system; hydraulic and mechanical are stable and reliable;

Both remote and manual control is available for system operation.

Technical parameters

Unit Type		DCP150	
Unit Description		wheeled mobile hydraulic coarse crushing unit	
Use		Production of course crushed rock	
Features		Flexible, minimal foundation requirements	
Capacity		150t/h	
Outline size		13868×3466×5616	
Running speed		30KM/h	
Turning Radius		12.5M	
Unit Equipments	Feeder (Screening)		YGZ1060
	Lateral conveyor for fines		YZB650×4780
	Jaw crusher		YEP750×1060
	Product conveyor(curved)		YB800×11000
	Electric hydraulic power source		CPY20KW
Total weight		63560Kg	
Self-taking tractor		Seat load:15185kg Traction load:39185kg	



TXP 2C80

Source of technologies: Wheel crusher production line of American JCI and national patent declared by our company

Features

It is fast to transfer to another working area without dismounting and installation by trailers;

All-weather, cross-country and distributing production;

Hydraulic couplers are connected to primary engines, ensuring safe production of the equipments;

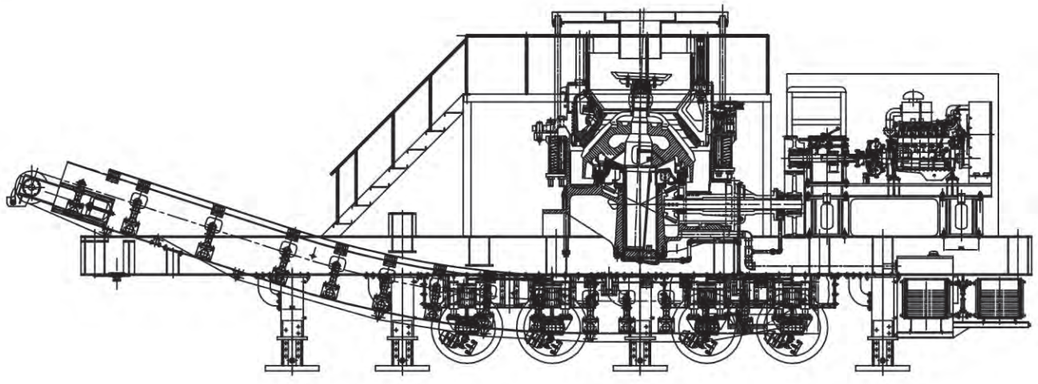
Cone lubrication cooling system comes with the lathe

Hydraulic parking-brake system; hydraulic and mechanical are stable and reliable;

Both remote and manual control is available for system operation.

Technical parameters

Unit Type	TXP 2C80
Unit Description	Medium (small) size crusher set with rotary removable with internal combustion engine.
Use	Electrical power supply for crushing production of middle- or small-size ore
Capacity	280 t/h
Running speed	30 Kw/h
Turning Radius	12M
Climbing ability	20
Cone crusher	5 1/2Ft (HP500)
incurvature belt conveyor	NB 1200×11000
Hydraulic parking-brake system	Hydraulic axle
Uses provide themselves with motor tractor	Seat load: 15185kg Traction load: 39185kg



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LYP 100、(LYP150)、(LYP200)、(LYP280)

Source of technologies: Crawler– type crusher production line of Finland Metso, Sweden Sandvik and national patent declared by our company

Features

Fuel engine drive, cross-country distributing production;

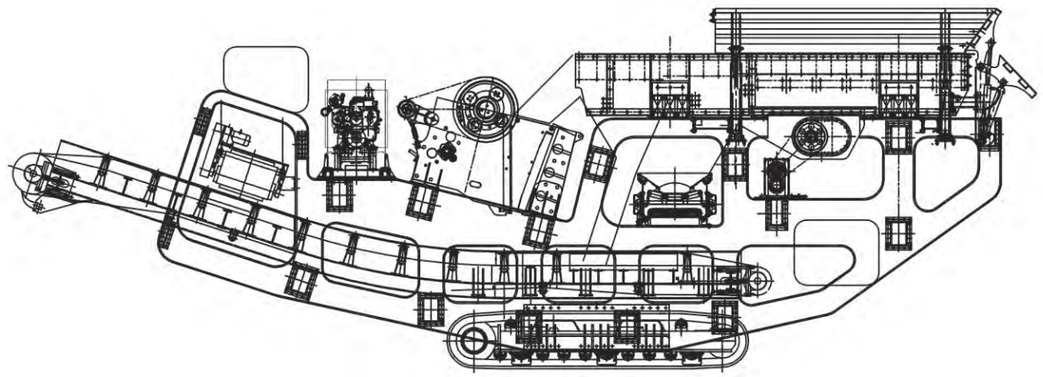
Remote control for walking and parking, program control for production;

The safe production of jaw crushers are ensured by intelligent over-iron protection;

Vibrating feeders are adjusted in accordance with the subsequent device.

Technical parameters

Unit Type	LYP 100、(LYP150)、(LYP200)、(LYP280)
Unit Description	Crawler primary crusher with removable internal combustion engine and magnetic separator set
Use	Power supply of coarse crushing production
Capacity	100t/h
Running speed	12Km/h
Climbing ability	20
Internal combustion power	200Kw
Feeder	GZ1060
Incurvature belt conveyor	NB 800×11000
Intelligent jaw crusher	ZEP 600×900
Bend belt conveyor	ZB650×4780
Magnetic separator	B600×2500



Quality Control Policy

Implement guidance on product quality control and strictly carry out quality inspection policy based on American standard in the company.

Carefully study design requirements and production process and inspect production process in accordance with technical requirements of the products. Provide customers with high-quality products.

Provide regular report of related work to the general manager. When quality problems happen, report the problems and carry out quality analysis immediately and at the same time, come up with a solution to the problems.

According to the requirements of quality inspection, add or check all necessary testing equipments. Give customers a technical brief about products during their visit to company.

Also carefully inspect spare parts and strictly prevent unqualified, inferior raw material, spare parts and purchased parts.

According to the requirements, keep record of the quality, physical and chemical characteristics of purchased casting and forging pieces.

Well prepare all the reports of inspection and quality information and provide general manager and production department with timely feedback. Make sure all reports are available for customers time to time according to production schedule.

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After-sales Service

Sanland is engaged in meeting customers ` needs and providing excellernt service. According to the requirements of customers, we offer installation and commissioning service.

We have an after-sales expert team that is able to provide customers with professional service. Onsite Installation and commissioning service is availa ble if needed. Another kry component of our after-sales service is to keep a clsecontact with customers and provide timely feedback and guidance.

We welcome you to join and establish a business relationship with us. We will provide you with the best products and service