

Brand of Excellence and Innovation



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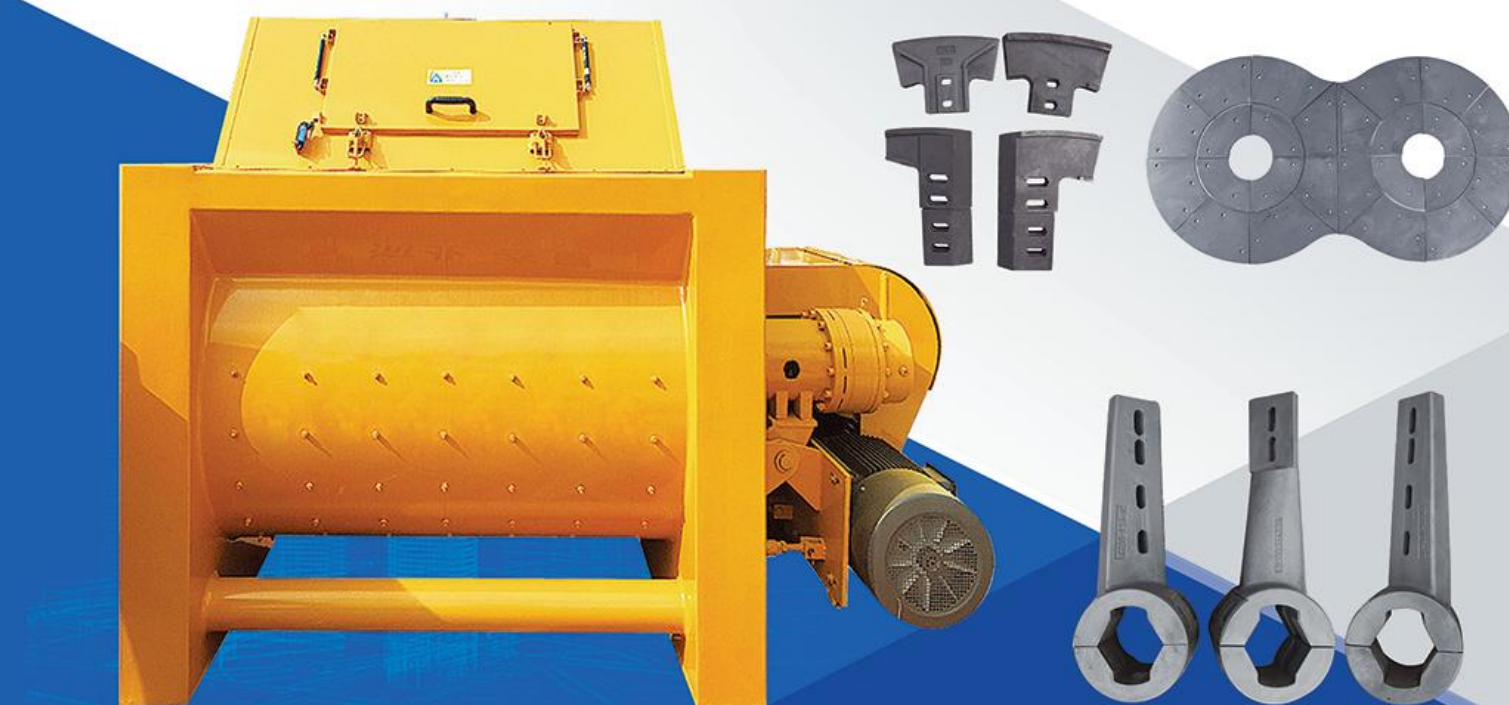


WeChat



Shandong Beton Heavy Industry Machinery Co.,Ltd

Global Supplier of Critical Wear-Resistant Components for Concrete Mixing Equipment



Shandong Beton Heavy Industry Machinery Co.,Ltd

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CHINA

Company Profile

Rooted in Foundry Excellence, Leading Wear-Resistant Technology

Founded in 1997 (formerly Dacao Construction Machinery Parts Factory), we have been rooted in Dacao Industrial Park, Ningjin County, Dezhou City, Shandong Province. With 30 years of industry expertise, we specialize in R&D and manufacturing of concrete mixing equipment and core wear-resistant components, earning global trust through professional excellence.

Global Trusted Partner, Quality Worldwide

As a strategic partner to top brands like Shantui Jancoo and Tianjin BHS, we deliver over 8,000 tons of wear-resistant castings annually. Our products reach 30+ countries, making us a trusted key player in the global supply chain.

Core Strengths: Professional Casting, Comprehensive Solutions

1. Mixing System Expertise: Specialized in core wear-resistant parts for concrete mixers—mixing arms, liners, blades, shaft ends—extending equipment lifespan.
2. Long-Life Mixer Manufacturing: Dedicated to high-durability concrete mixers for sustained efficient operation.
3. Multi-Material Casting Capabilities: Produces high-chromium iron, cast/steel alloys, ductile iron, and gray iron castings to meet rigorous industrial demands.
4. Large-Scale Stable Supply: Annual casting capacity of 8,000 tons ensures stable, reliable, timely delivery.

Quality Foundation: Quadruple Precision Process

Our core system integrates:

- Scientific Raw Material Testing
- Precision Temperature Control
- China-Leading Casting Techniques
- Advanced Heat Treatment Technology

Through strict process control, every product delivers consistent performance, renowned for exceptional wear resistance and superior impact toughness, earning global acclaim.

Company Honors

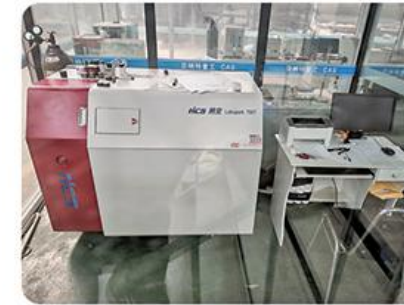


Corporate Capabilities

The company strictly adheres to national standards and contractual specifications in production. Through a rigorous production organization and management system, we optimize the allocation of all production resources. We continuously monitor product quality during subsequent usage, promptly respond to any quality issues, and thereby achieve continuous enhancement of our product quality.



Testing Equipment



Advanced testing equipment serves as a critical indicator of a company's quality assurance. As an industry pioneer, our company was the first to introduce domestically advanced spectrometers and other testing instruments. We strictly control casting quality, ensuring no defective products enter the market. This commitment has earned us widespread acclaim from our customers.



 Twin-shaft Concrete Mixer

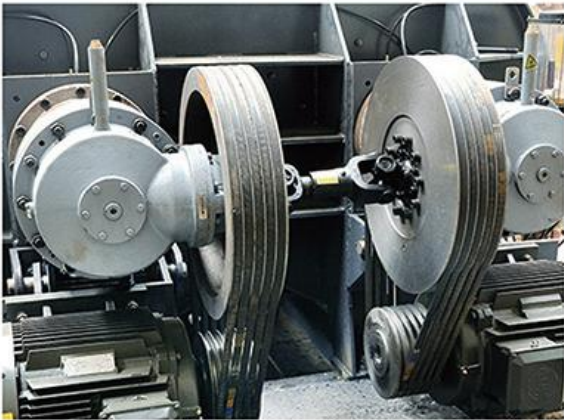


JS Series Concrete Mixers

Item		JS500	JS750	JS1000	JS1500	JS2000	JS3000
Charging Capacity (L)		800	1200	1600	2400	3200	4500
Discharging Capacity(L)		500	750	1000	1500	2000	3000
Max. Productivity (m³/h)		25	35	50	75	100	150
Max Aggregate Size	Gravel (mm)	80	80	80	80	80	80
	Crushed Stone (mm)	60	60	60	60	60	60
Mixing Blades	Speed (r/min)	35	30.5	25.5	25.5	25.5	18.88
	Quantity	2X7	2X7	2X8	2X9	2X10	2X12
Mixing Motor (kW)		18.5	30	2X18.5	2X30	2X37	2X55
Hoisting Motor (kW)		5.5	7.5	18.5	22	37	
Water Pump Motor (kW)		0.75	1.1	3	3	4	
Discharge Type		Manual / Electric / Pneumatic	Manual / Electric / Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Discharge Height (m)		1.6/2.7/3.8	1.6/2.7/3.8	3.8	4.0	4.0	4.0
Total Weight (kg)		4000	6800	8750	11130	15000	18300
Overall Dimensions (mm)	Transport State	3030X2300X2680	5930X2300X6260	4640X2250X2250	5058X2250X2440	5680X2250X2735	4726X2764X1883
	Working State	4486X3030X5280	4146X2300X2800	8765X3436X9540	9645X3436X9700	10560X3876X10710	4726X2764X1883



Lost Foam Casting For Critical Components



Twin-Reduction Gearbox Design



Anti-Build-Up Shaft Design



Dual-Cylinder Discharge System



Independent Axle End Pressure Display (real-time monitoring)

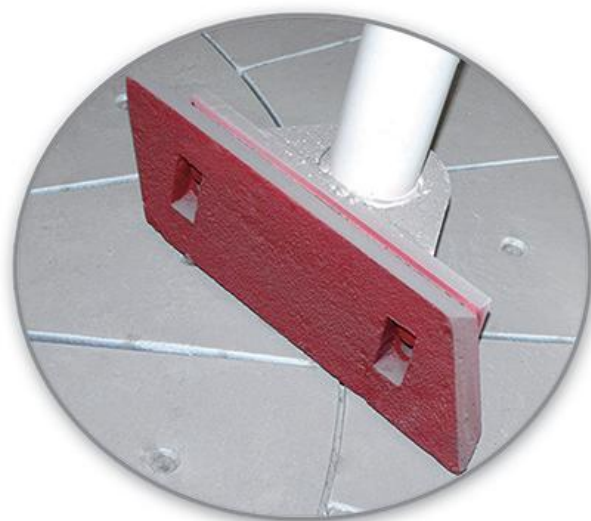


Large-Scale CNC Machining Center Ensuring Concentricity Between Front And Rear Ends

Vertical Shaft Planetary Concrete Mixer



Mixing arms feature a modular block design with dedicated wear-resistant sleeves



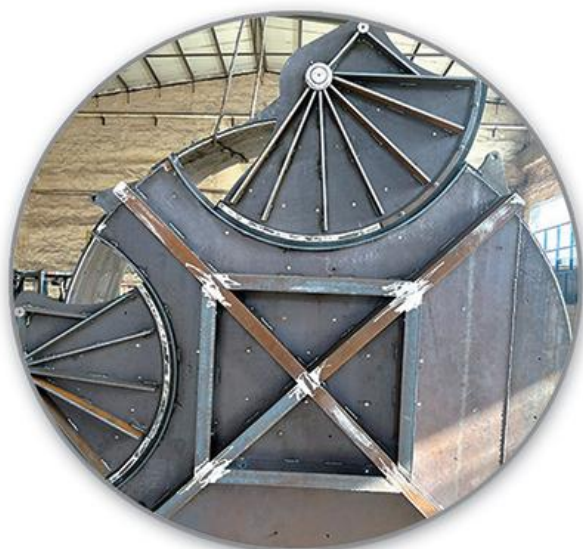
Mixing blades are reversible (180° rotation) for extended service life.



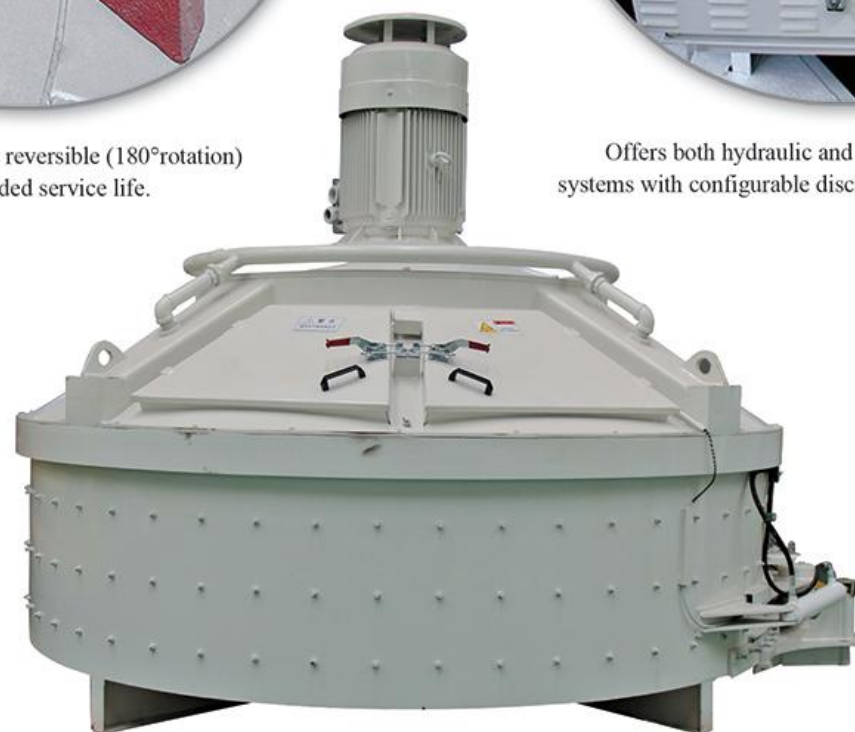
Offers both hydraulic and pneumatic discharge systems with configurable discharge gates (1-3 openings)



An upper observation port allows real-time visual monitoring of the mixing process without power interruption

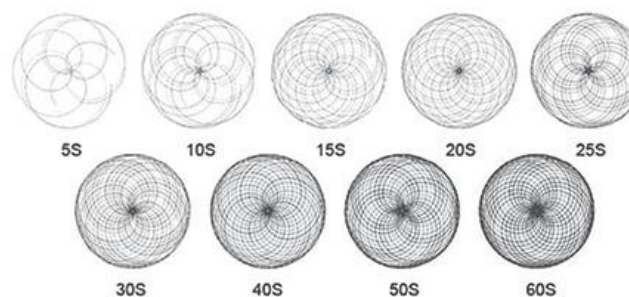


Post-Welding Aging Treatment



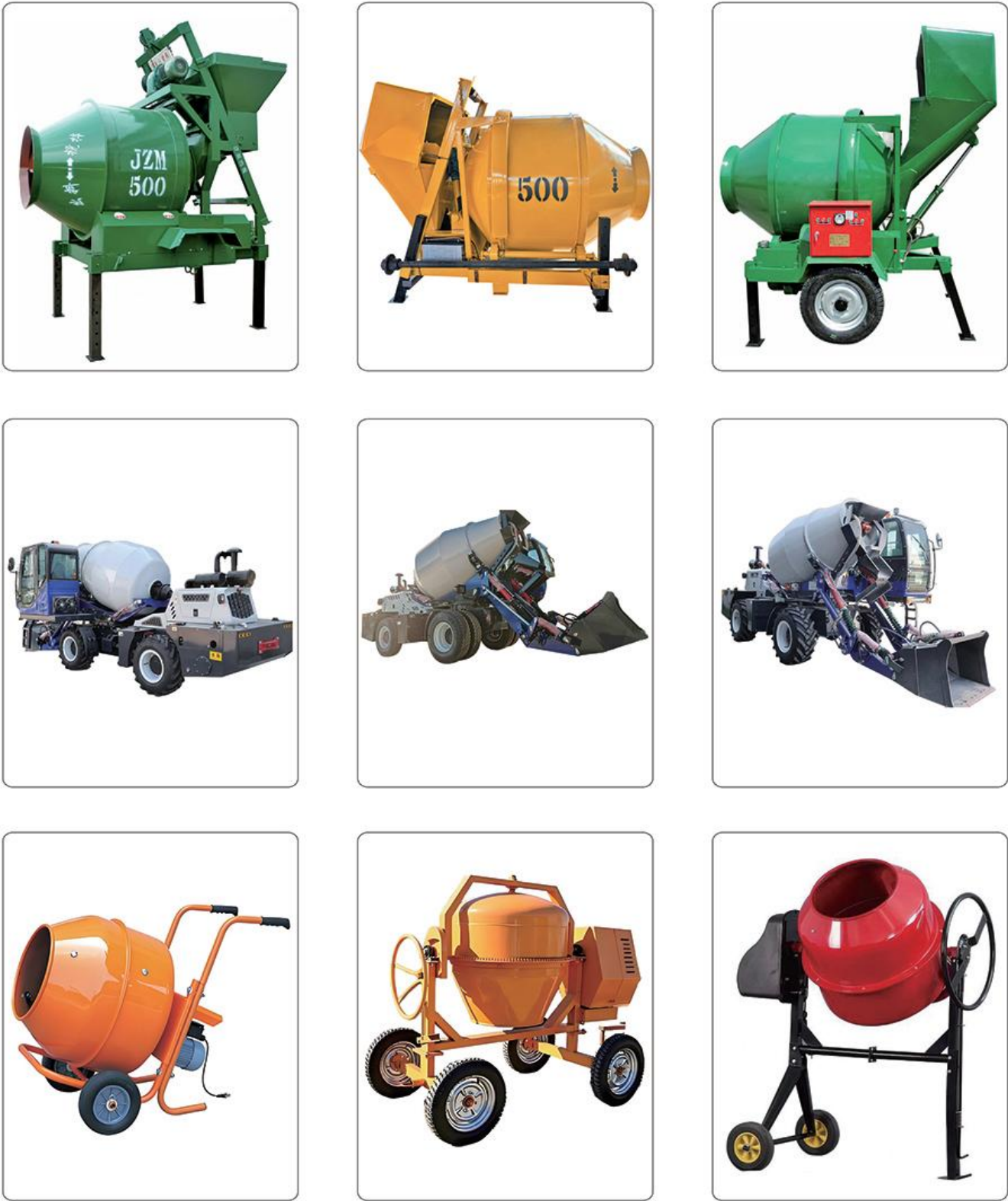
Item	MP500	MP750	MP1000	MP1500	MP2000
Discharging Capacity (L)	500	750	1000	1500	2000
Charging Capacity (L)	800	1200	1600	2400	3200
Mixing Rated Power (kW)	18.5	30	37	55	75
Hydraulic Discharge Power (kW)	Pneumatic discharge (hydraulic optional) 2.2		3	3	3
Planetary / Main Mixing Shafts (pcs)	1/2	1/3	2/4	2/4	2/4
Side Scraper (pcs)	1	1	1	1	1
Discharge Scraper (pcs)	1	1	1	1	1
Mixer Weight (kg)	2400kg	3600kg	5400kg	7700kg	9500kg
Hopper Lifting Power (kW)	5.5	7.5	15	22	30

The mixing blades follow a compound motion path combining rotation and revolution, engineered as a non-repeating infinite pattern. This generates exceptionally smooth, continuous material flow within the mixing drum, enabling maximum productivity while preventing segregation of aggregates with varying particle sizes and specific gravities.

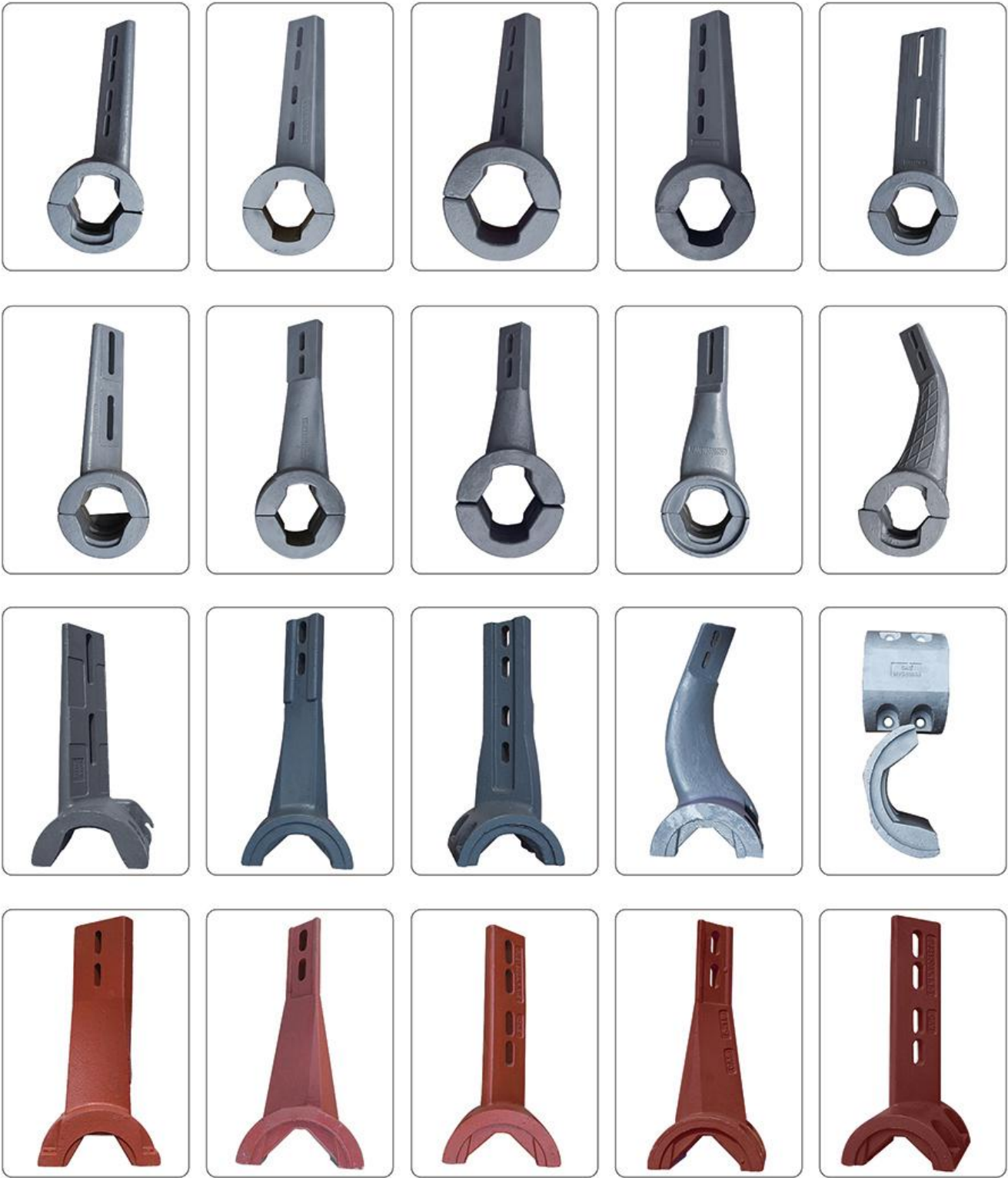


The water supply system employs both overhead and integrated piping, effectively eliminating residual admixtures and water retention in the lines

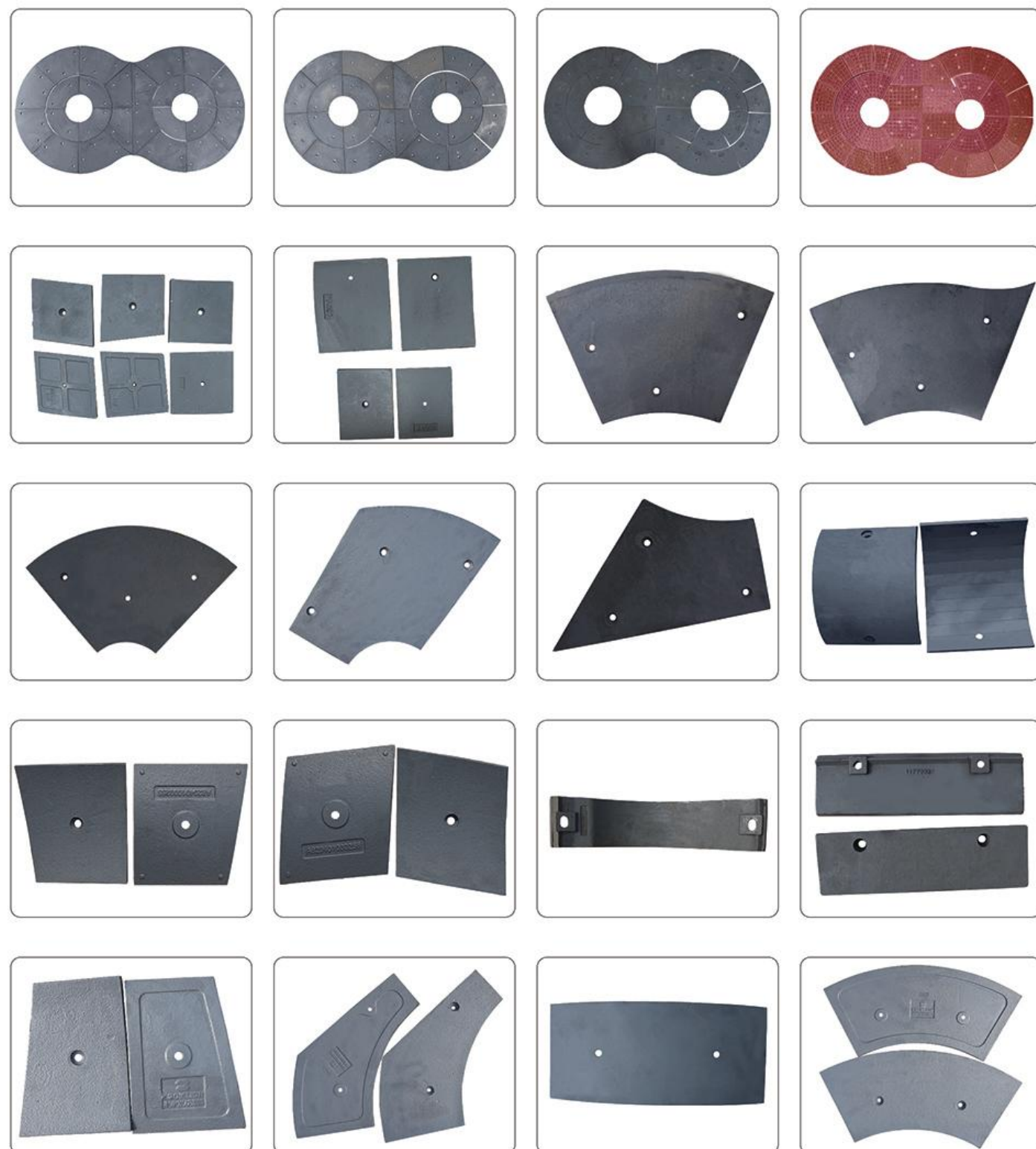
Other Concrete Mixer



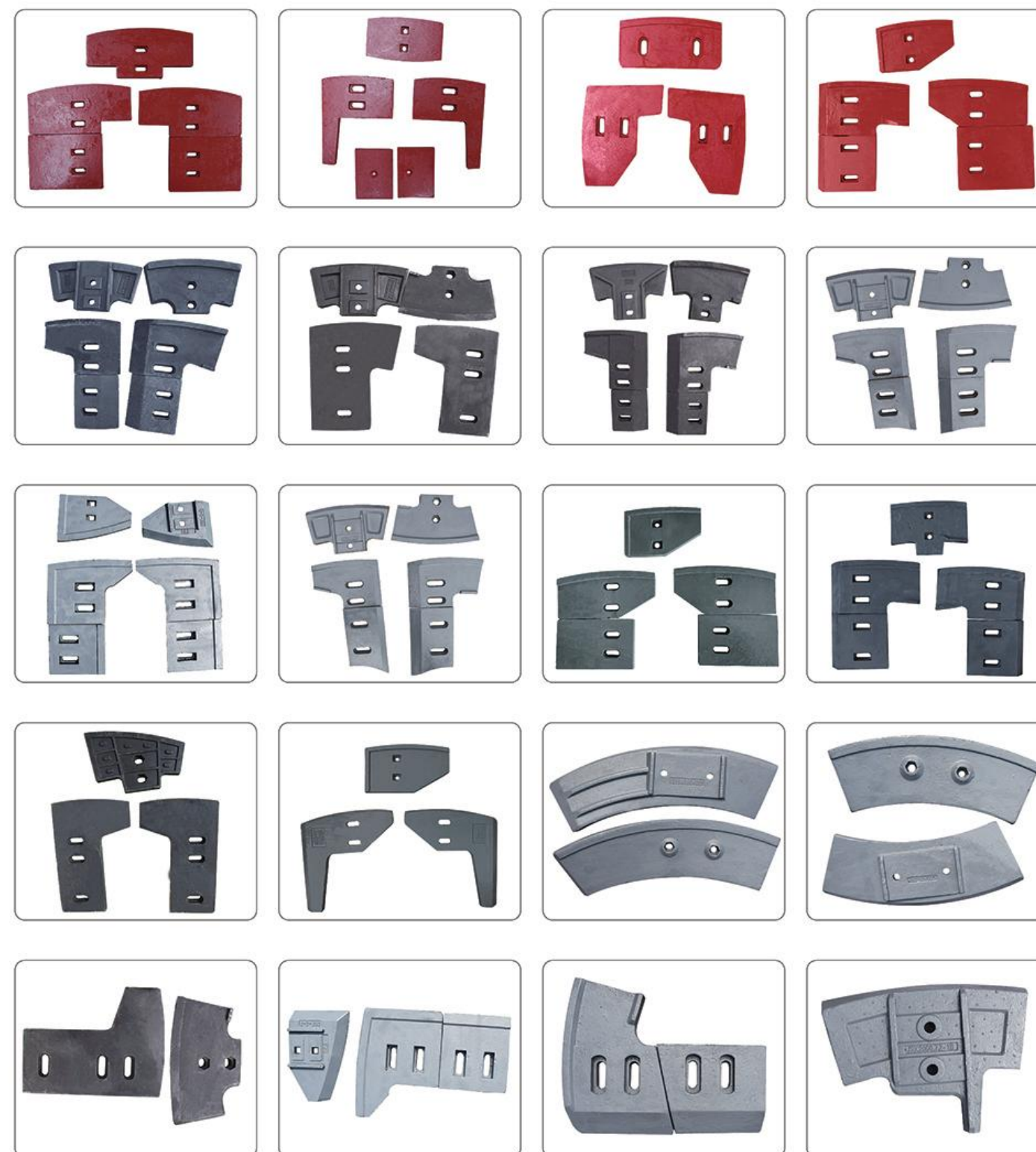
Mixing Arm (High Wear Resistance)



Mixing Liner (Extreme Wear Resistance)



Mixing Blade (Extreme Wear & Impact Reststance)



Mixer Shaft End (High-Precision Tolerance)



Screw Conveyor & Accessories (Precision Wear Parts)



Spare Parts For Batching Plant (Precision Wear Parts)



Dust Butterfly Valve



Dust Handling Butterfly Valve



Water Weighing Butterfly Valve



Butterfly Valve



Compression Load Cell



Compression Load Cell



Tension Load Cell



Tension Load Cell



Lubrication Oil Pump



Lubrication Oil Pump



Lubrication Oil Pump



Lubrication Oil Pump



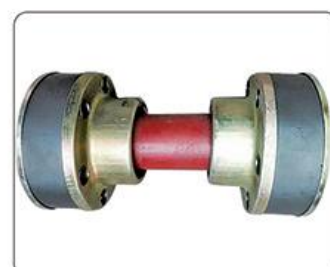
Reducer



Splined Shaft



Reducer Shaft Pinion Gear



Shaft Coupling



Gear



Skip Winch Assembly



Reducer



Pneumatic Cylinder



Horizontal Pump Station



Hydraulic Cylinder



Vertical Pump Station



Pulse Dust Collector



VAM Dust Collector



VAM Filter Element



Cement Silo Safety Valve



200/3 Vibrator



Air Vibrator



Solenoid Valve



V-belt



Water Pump



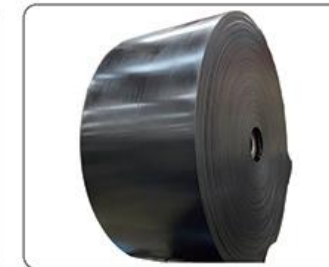
Idler Roller



Electric Drum



Belt Cleaner



Conveyor Belt



Manual Butterfly Valve



Schneider Contactor



Air Compressor



Cement Silo

Element Name	C	Si	Mn	Cr	Mo	Cu	Ni	P	S	Others
Chromium Alloy	2.5-3.5	0.4-1.2	0.5-1.5	13-28	0.4-3.0	0.5-1.2	0.0-0.2	< 0.10	< 0.08	Trace amount
Medium Chromium Alloy	2.5-3.5	0.4-1.2	0.5-1.5	7-10	0.4-1.0	0.5-1.2	-	< 0.10	< 0.08	Trace amount
Low Chromium Alloy	2.5-3.5	0.4-0.8	1.5-1.0	2-4	0.0-0.5	0.5-1.2	-	< 0.10	< 0.08	Trace amount
Low Alloy Wear Plate	0.3-0.6	1.0-2.5	0.5-1.5	1-3	0.2-0.6	-	-	< 0.03	< 0.03	-
Ductile Cast Iron	2.8-3.9	2.2-3.0	0.2-0.7	-	0.0-0.4	0.2-0.5	-	< 0.05	0.035	-
Cast Steel	0.15-0.6	0.15-0.6	0.5-1.2	< 0.5	< 0.25	-	-	< 0.04	< 0.04	-
Gray Cast Iron	2.5-4.0	1-3	0.5-1.4	-	-	-	-	< 0.15	< 0.15	CE3.5-4.5

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1 氢 hydrogen 1.008 [1.0078, 1.0082]																	2 氦 helium 4.0026																																																																																																								
3	4															5	6	7	8	9	10	11	12	13	14	15	16	17	18																																																																																												
3 锂 lithium 6.94 [6.938, 6.997]	4 铍 beryllium 9.0122															5 硼 boron 10.81 [10.806, 10.821]	6 碳 carbon 12.011 [12.009, 12.012]	7 氮 nitrogen 14.007 [14.006, 14.008]	8 氧 oxygen 15.999 [15.999, 16.002]	9 氟 fluorine 18.998	10 氖 neon 20.180	11	12	13	14	15	16	17	18																																																																																												
11	12															13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
11 钠 sodium 22.990	12 镁 magnesium 24.305 [24.304, 24.307]															13 铝 aluminum 26.982	14 硅 silicon 28.086 [28.084, 28.086]	15 磷 phosphorus 30.974	16 硫 sulfur 32.06 [32.059, 32.078]	17 氯 chlorine 35.45 [35.446, 35.457]	18 氩 argon 39.948 [39.942, 39.963]	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
19 钾 potassium 39.098	20 钙 calcium 40.078(4)	21 钪 scandium 44.956	22 钛 titanium 47.867	23 钒 vanadium 50.942	24 铬 chromium 51.996	25 锰 manganese 54.938	26 铁 iron 55.845(2)	27 钴 cobalt 58.933	28 镍 nickel 58.693	29 铜 copper 63.546(3)	30 锌 zinc 65.38(2)	31 镓 gallium 69.723	32 锗 germanium 72.630(8)	33 砷 arsenic 74.922	34 硒 selenium 78.971(8)	35 溴 bromine 79.904(1)	36 氪 krypton 83.798(2)	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																						
37 铷 rubidium 85.468	38 锶 strontium 87.62	39 锇 yttrium 88.906	40 锆 zirconium 91.224(2)	41 铌 niobium 92.906	42 钼 molybdenum 95.95	43 锝 technetium 101.07(2)	44 钌 ruthenium 101.07(2)	45 铑 rhodium 102.91	46 钯 palladium 106.42	47 银 silver 107.87	48 镉 cadmium 112.41	49 铟 indium 114.82	50 锡 tin 118.71	51 锑 antimony 121.76	52 碲 tellurium 127.60(3)	53 碘 iodine 126.90	54 氙 xenon 131.29	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	1																																																								

Comprehensive After-Sales Service System

- > Beton Heavy Industry maintains a dedicated managing a team of over 10 experienced engineers. We establish detailed service records for each client. Our highly skilled engineers are fully qualified to provide a full spectrum of services, including equipment installation supervision, commissioning, trial run support, operator and management personnel training, and complimentary technical consultation.
- > Dispatch engineers for on-site guidance during equipment installation and commissioning.
- > Conduct customer follow-up surveys post-commissioning to ensure satisfaction.
- > Technical Documentation, Warranty & Support.
- > Supply equipment certificates (Certificate of Conformity), operation manuals, and maintenance manuals.

