

# HENT

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# HENT

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## HENT Special Valves Catalog



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# HENT

Zhejiang HENT Electromechanical Engineering Co.,LTD.



## • INTRODUCTION



Zhejiang HENT Electromechanical Engineering Co., LTD, founded in 1996 and located in Hangzhou PR China, exclusively specializes in design, manufacture, sales and service for industrial machinery. We are able to supply valve solution for handling dry powder or small granular material, particularly for cement industry.

HENT's main products include DQF upgrade electric ball valve for dedicated for Inflation control (HENT's patented technology); Powder material discharge control valve(improved Germany technology); Rotary Gate (improved Germany technology, one in,two out or one in one out, and no material leaking from the other port); Silo top bottom-dump two-way valve (improved Germany technology); Gate valve dedicated for pulverized coal bunker and Rotary discharge control valve (improved Germany technology); New generation no jamming no material sticking vertical mill air-lock feeder valve; New generation preheater high-temperature flap valve; Cement lump crusher; Self-cleaning rotary air-lock valve and so on. HENT's quality and innovative designs are recognized by many global users and EPCs. These products have been serving throughout the world in over 300 plants, handling a wide variety of applications in the cement, mining, building material, food industry etc.

HENT had been recognized as a high-technology enterprise with AAA credit class. HENT DQF series electric ball valve, used in silo bottom inflation control system, preventing material jams, had been patented by State Intellectual Property Office of the PR China (Chinese Patent No: 201110425384.8), HENT Preheater high-temperature flap valve, improved on the collective advantages of international advanced similar valves (Chinese Patent No: 201520754483.4).



## • QUALITY ASSURANCE

HENT has been building our quality assurance system in strictly accordance with ISO9001 requirements. HENT quality control department performs quality supervision; management and inspection with HENT quality manual, aiming at zero defect manufacturing and HENT valve products have been awarded with CE certification.

Always adhering to the concept of achieving development with innovation, developing new, strange, special products, and manufacturing professional, sophisticated, perfect products, we try to discover problems on the spot of cement production line, and provide our customers with the best products and excellent service, looking forward to serve you in the near future.



Utility Model Patent Certificate  
Invention and creation name:  
Electric ball valve  
Patent No: ZL 2013 2 0011912.X  
Issuing Date: 2013-07-17



Utility Model Patent Certificate  
Invention and creation name:  
Preheater high-temperature flap valve  
Patent No: ZL 201520754483.4  
Issuing Date: 2016-02-03



CE Certificate for V Series Discharge Valve



CE Certificate for Distribution Valve



CE Certificate for Gate Valve



CE Certificate for Switch Flow Control Valve



CE Certificate for DQF Electric Ball Valve



ISO9001 certificate

## • Model Selection Guide

Zhejiang HENT Electromechanical Engineering Co.,LTD provides cement professional particular valves: new generation no jamming no material sticking vertical mill feeder valve; new generation preheater high-temperature flap valve with functions of swinging flexibly and open-and-close maintenance door; Optimized cement silo top transportation technology bottom-dump silo top two-way valve; Slide valve dedicated for pulverized coal bunker; Silo bottom discharge valve and kiln tail feeder valve outpacing five aspects of similar Germany products; Upgrade electrical ball valve dedicated for DQF silo bottom inflation control free five years for maintenance; Cement silo bottom lump crusher; Self-cleaning feeder air-lock valve with scraper etc.

**To the vast numbers of cement design institutes and cement enterprises with sincere cooperation about HENT's updating and upgrading DQF electric ball valve dedicated to silo bottom aeration control:**

Sincere thanks to you giving most genuine cooperation opportunities!

In 1997, our company developed and manufactured the first generation DQF electric ball valve, with opening and closing in 2 seconds, which was widely selected and used by you, while in the practical use, raw material or cement flour would inevitably get into spool valve that results in valve planing and affecting the normal operation of the whole powder silo bottom aeration system. To this inevitable practical problem, we had made upgrading and development for the DQF electric ball valve, and the new generation upgrading no jam DQF electric ball valve was successfully trial-produced in 2011 (see enclosed pic), and meanwhile the opening and closing time shortens to 0.25 seconds, not only function upgrading but also weight saving greatly. We solemnly promise to you: HENT's upgraded DQF electric ball valve dedicated to silo bottom aeration control, maintenance free for five years, replacement guaranteed for five years if there is any quality problem. We sincerely hope fresh and old partners, and cement enterprises will select our upgraded product to optimize cement equipment and technology, making contributions to cement cause together!



## • Model Selection Guide

### Hent New Generation No Jamming No Material Sticking Vertical Mill Air-locking Feeder Valve

This valve is characterized as follows: spindle speed 11 RPM, high rotor torque overcome material resistance thoroughly in operation, and cooperation between unique feed end structure, rotor blades and lining cylinder wall can overcome rotor jam; the touch point collect between blades and cylinder is equipped with scraper, which can timely clean up sludge on the lining cylinder wall; the connection among solid shaft, blades and axle is hot air circulation channel, the outside of both rotor end covers is equipped with heated air room, both end covers of the shell are equipped with hot air circulation in and out pipeline, hot air passes into air intake, from one side heated air room and rotor center air chute to the other side heated room, then gets out air outlet, hot air circulation can keep rotor blades and end covers dry without material sticking. This valve technology is not only a proven technique, but also a preferential selection to replace imported as well as domestic various vertical mill feeder valve amid the current market.



### Hent New Generation Preheater High Temperature Flap Valve Swinging Flexibly With Access Door

This valve has characteristics as follows: 1.it is equipped with big access door, leak-proof graphite packing as door frame, labyrinth constructed explosion-proof door sealing, swinging bolt fastened, with no need of wrench. 2.it has foot-blow material poking hole on the back or side face, convenient to clean up skinning and stockpiling at the discharge hole when operating; 3.axis and valve seat both have special measures to guarantee flexible swinging and tight seal, valve plate and contact surface of valve seat are both fine finished by CNC VTL operator, sealing tight; external bearing is SKF brand, shaft seal is graphite packing cap for applying pressure; 4.the door is operated by a door bolt with fixed iron chain; valve plate is locked by the trunk of the weight rod hooked on both sides of the door, ensuring personal safety when overhauling and clearing upper and lower level preheater; 5.when level C4~C6 flap valve with air compression purger cleaning skinning in the gap around the valve plate, our upgraded DQF electric ball valve coupled with automatic controller can be chosen for automatic clean on time; 6.prefabricated coating resistant heat insulation casting materials; 7.sprayed high temperature-resistant coating.



Shandong Tai'An Zhonglian Cement Co.,LTD  
Field installation scene of Preheater Flap Valve

Sichuan Ren' shou Wangyang Jianbao Building Materials Co.,LTD  
Field installation scene

## • Model Selection Guide

### Hent Electric Block Crash Valve

This is a dedicated valve product to crash cement block for keeping normal material handling. This valve is usually installed on the vertical blanking tube under the slide valve which is horizontally installed on the cement silo bottom, crashing instantly output cement block, ensuring that the subsequent switching valve and flow valve work properly without material stuck, avoiding as well manual intervened purging, and SEW gear motor is selected for its transmission device.



### HENT' s technology improvement of combining coplanar transport rotaryvalve and bottom dump rotary valve for optimizing material handling on cement silo top:

Silo top two-way valve is a rotary valve that accomplishes vertical blanking and straight feeding, also called trap valve. We also have electric rotary valve (same shape, rain-proof design), similar to kiln tail feeding electric rotary valve which is one in two out, one in one out and the other port will never leak material, in order to solve the problem of changing the way of material handling in the same plane, meanwhile the combination of these three rotary valves (one in two out, one in one out and vertical blanking) will completely eliminate all the old-fashioned rotary valve whose port is ram-type, achieving results in simple techniques, reliable feeding, convenient control and no need of awnings. As long as selecting electric actuators with good brands, the valve will never breakdown and the system will run normally totally by center control without sending site operation personnel.



## • Model Selection Guide

### HENT' s raw material and cement discharge valve improve in following five aspects based on the German products:

1. Flow valve and switch valve open sideways a access door fixed with steel plate,gasket and bolt for convenient maintenance,
2. Air treatment FRL is configured to all the air cylinder, in order to prolong service life.
3. Kinetrol locator displaces Siemens locator on the pneumatic flow control valve, to prevent failure caused by water and oil when air compression.
4. Limit switch of electric flashboard valve and pneumatic slide valve has been changed from proximity switch into Schneider travel switch with no power needed, so passive junction control simplify electric circuitry.
5. Using the technology of imported slide valve on the kiln tail preheater and taking measures of strengthening seal successfully create pulverized coal bunker slide valve, thus reducing dependence on imports.



### HENT pneumatic slide valve dedicated for pulverized coal bunker

This valve is remake by strengthening seal on the base of kiln tail preheater imported German slide valve product, having the characteristic of leak-tightness. Its actuating cylinder, magnetic valve and oil-water separator are all AIRTAC products; gate material is 1Cr18Ni9Ti; the gate is supported by four-row rollers up and down on its both sides, acting smoothly and precisely; limit switch is Schneider brand.



## • HENT DQF Updated Electric Ball Valve

HENT DQF updated electric ball valve is specifically designed for dry bulk material silo bottom aeration control. It is widely used in cement plant silo aeration control system, and can work normally when dry bulk material enters into valve body. It can bear frequent switch work and is a perfect substitution for traditional aeration components such as solenoid valve.

Patented by State Intellectual Property Office of the PR China (SIPPO), HENT DQF updated electric ball valve has a share of 80% domestic market and is also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI , SUNNSY Group ,Lafarge Group , NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

### Design Feature

- Working pressure: 0.25MPa
- Working temperature: normal
- Life test: 1 million times, 5 years maintenance free (10 times of traditional solenoid valve)
- Switch time : 0.25 Seconds (0-90 degree)
- Remote control by PLC with a feedback signal of valve position to control center, passive dry contact
- Cast iron body, stainless steel spherical valve core
- PTFE seal ring
- High wear resistant
- Micro synchronous drive motor
- Limit and signal switch
- Supply power: Default 220 V AC (Flexible)
- Relay: Omron
- Control voltage Default 220 V AC (Flexible)
- Controller: SIEMENS PLC
- End connection: flange or thread

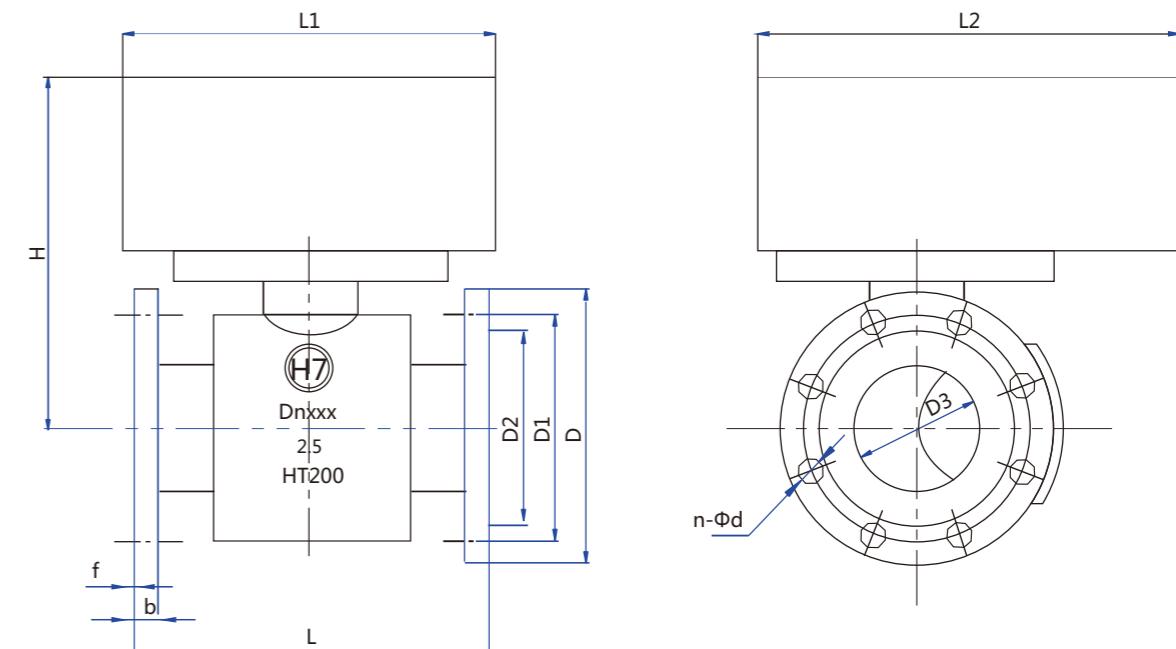


PLC control cabinet

Position indicator



DQF Electric Ball Valve



### Specification ( Unit: mm )

DN D3	Main Dimensions										Weight (Kg)
	L	D	D1	D2	f	b	n-Φd	L1	L2	H	
15	130	95	65	46	2	14	4-14	185	245	190	10
20	150	105	75	56	2	14	4-14	185	245	195	12
25	160	115	85	65	2	14	4-14	185	245	200	13
32	180	135	100	78	2	16	4-18	185	245	210	15
40	200	145	110	85	2	16	4-18	185	245	215	19
50	250	160	125	100	3	16	4-18	185	245	222.5	22
65	250	180	145	120	3	16	4-18	310	350	260	24
80	250	195	160	135	3	20	8-18	310	350	262.5	27
100	280	215	180	155	3	20	8-18	310	350	277.5	35
125	300	245	210	185	3	22	8-18	310	350	292.5	37
150	300	285	240	210	3	24	8-23	310	350	310	41
200	460	335	295	260	3	25	12-23	310	350	400	50

## • HENT ELECTRIC FLOW CONTROL GATE

HENT flow control gate is widely used wherever dry bulk material has to be discharged from silos and bins, in a metered and controlled manner. Especially in the cement and building materials industry, HENT flow control gate type electric control valve has been used successfully for many years. This device is also used as dosing and shut-off device for special applications. It uses the same design and component as per CLAUDIUS PETERS Germany.

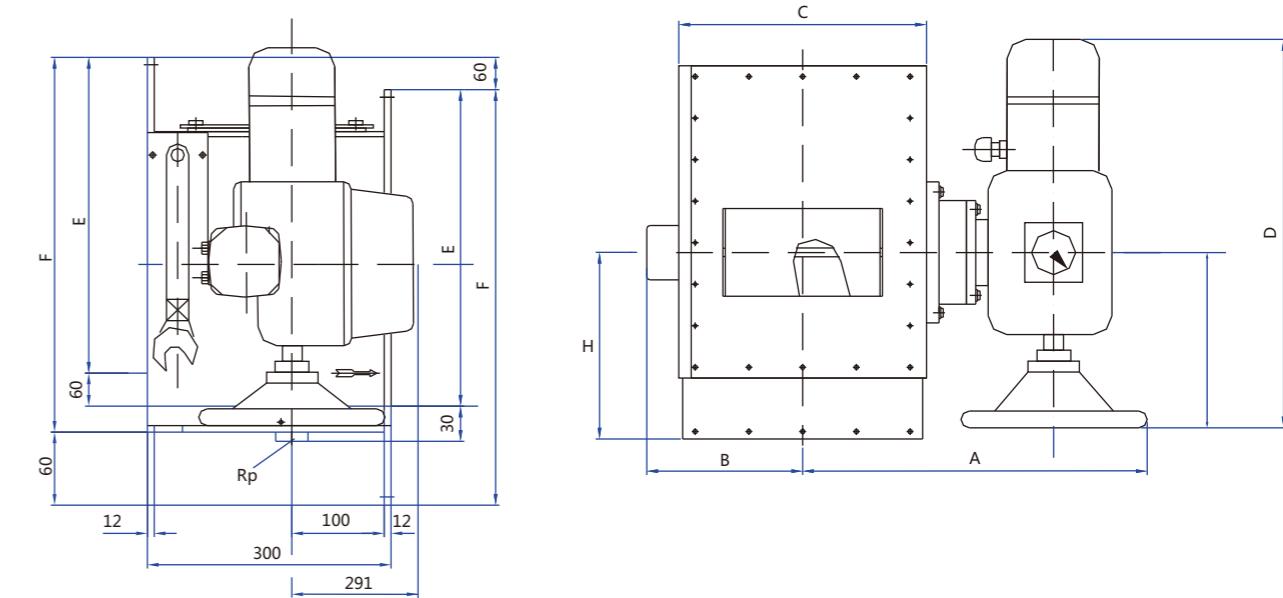
HENT electric flow control gate has a share of 80% domestic market and are also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI, SUNNSY Group, Lafarge Group, NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

### Design Feature

- Electric actuator: original French BERNAED, or Japan KOEI
- Accurate loading and metering
- High sealing, no leakage with stronger, longer lasting blanket seals
- Welded housing for higher durability and better dependability
- ZGMn13-2 material for cutout, high hot and wear resistant
- Electric controller with 4-20 mA input/output signal
- The compact modular design with exchangeable cassette-type sealing ensures easy maintenance at low maintenance costs
- Maximum working temperature: 180°C
- Low noise & vibration
- Long service life



Electric Flow Control Gate



### Specification ( Unit: mm )

SIZE	A	B	C	D	E	F	H			
200	435	175	290	507	375	484	257			
250	460	200	340		398	520	272			
300	485	225	390							
350	510	250	440	509						
400	535	275	490							
500	585	325	590	655						
630	655	390	730	655	575	730	305			
800	1074	483	900	714	745	900	310			

### Technical Parameter

Size (mm)	B200	B250	B300	B400	B500	B630	B800
Max Flow (m³/h)	40-260	60-360	70-480	90-650	110-820	140-1450	170~1800
Valve body diameter width (mm)	200	250	300	346	346	346	440
Valve body diameter length (mm)	346	346	346	400	500	600	800
Circulation area (m²)	0.012	0.014	0.017	0.026	0.032	0.051	0.08
Max Torque (Nm)	250	250	500	1000	1000	2000	2000
Electric actuator Angle (°)							90
Input power (V)							380
Input & output signal (mA)							4~20

## • HENT PNEUMATIC FLOW CONTROL GATE

HENT flow control gate is widely used wherever dry bulk material has to be discharged from silos and bins, in a metered and controlled manner. Especially in the cement and building materials industry the HENT flow control gate type pneumatic control valve has been used successfully for many years. This device is also used as dosing and shut-off device for special applications. It uses the same design and component as per CLAUDIUS PETERS Germany.

HENT pneumatic flow control gate has a share of 80% domestic market and are also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI, SUNNSY Group, Lafarge Group, NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

### Design Feature

- Rotating cylinder: original England KINETROL.
- P3 positioner or Siemens positioner
- Accurate loading and metering
- Welded housing for higher durability and better dependability
- ZGMn13-2 material for cutout, high hot and wear resistant
- High sealing, no leakage with stronger, longer lasting blanket seals
- Locator: KINETROL P3 locator or Siemens locator
- Oil-water separator: AIRTAC (Taiwan China)
- Electric controller with 4-20 mA input/output signal
- The compact modular design with exchangeable cassette-type sealing ensures easy maintenance at low maintenance costs
- Maximum working temperature: 180°C
- Low noise & vibration, long service life



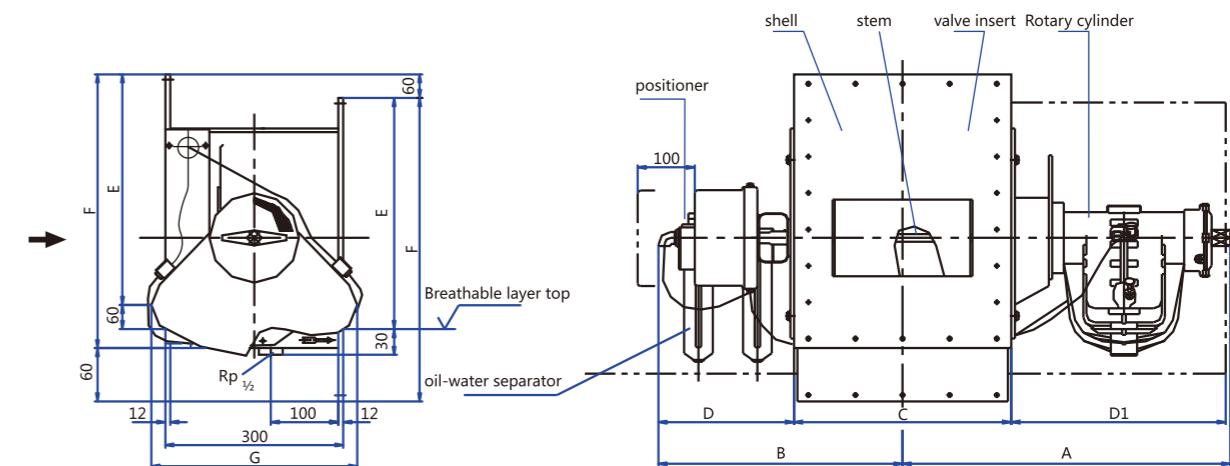
### Specification (Unit : mm)

SIZE	A	B	C	D/D1	E	F	G
200	460	385	290	340	375	484	300
250	485	410	340	350	398	520	355
300	585	435	390	400			
350	610	460	440	450			
400	635	485	490	500			
500	685	535	590	600			
630	750	600	730	730	575	730	
800	787	591	900	142	745	900	310

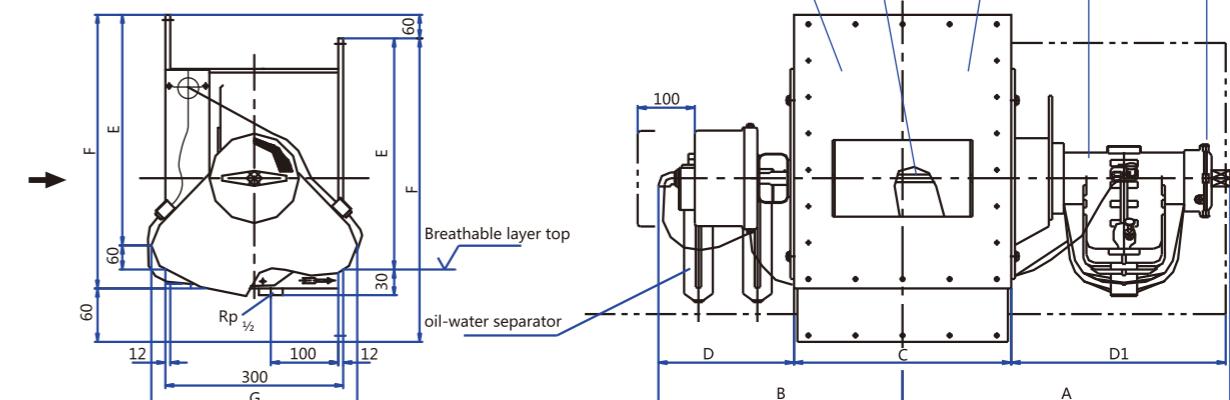
### Technical Parameters

Size(mm)	B200	B250	B300	B400	B500	B630	B800
Max Flow (m3/h)	40-260	60-360	70-480	90-650	110-820	140-1450	170-1800
Valve body diameter width (mm)	200	250	300	346	346	346	440
Valve body diameter length (mm)	346	346	346	400	500	600	800
Circulation area(m <sup>2</sup> )	0.012	0.014	0.017	0.026	0.032	0.051	0.08
Max Torque (Nm)	250	250	500	1000	1000	2000	2000
Electric actuator Angle (°)	90						
Input power (V)	24V						
Input & output signal (mA)	4~20						

### Pneumatic Flow Control Gate (Siemens Locator)



### Pneumatic Flow Control Gate (P3 Locator)



## • HENT Pneumatic Globe Gate

HENT pneumatic globe gate is widely used wherever dry bulk material has to be discharged from silos and bins, in a controlled manner. Especially in the cement and building materials industry. HENT pneumatic globe gate has been used successfully for many years. This device is also used as dosing and shut-off device for special applications. It is same mechanical structure with CLAUDIUS PETERS original.

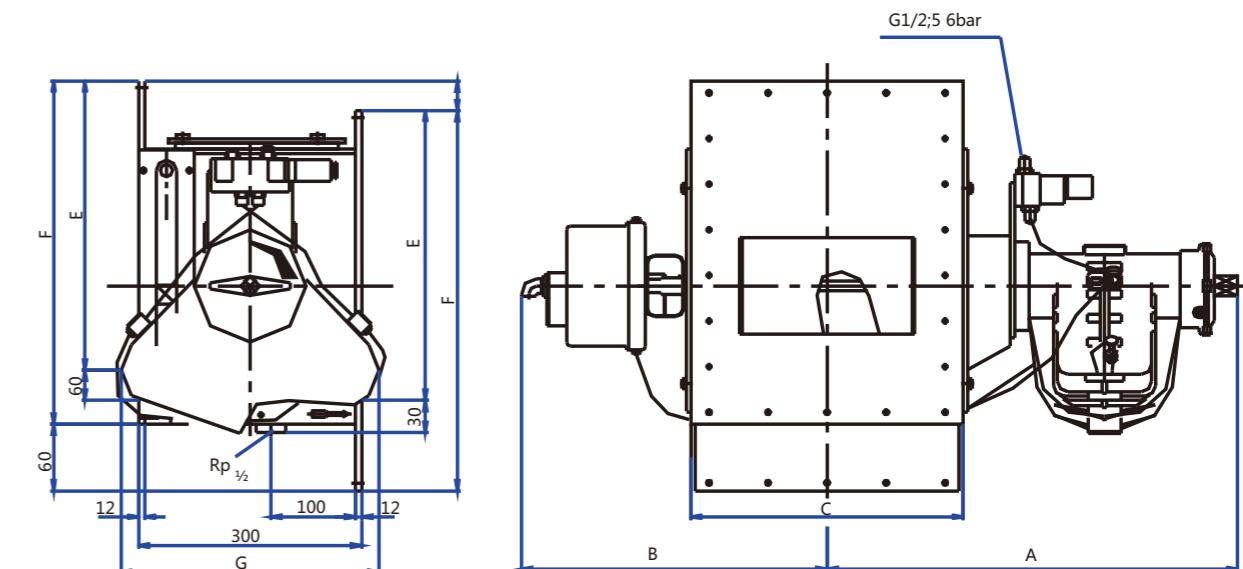
HENT pneumatic globe gate has a share of 80% domestic market and are also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI, SUNNSY Group, Lafarge Group, NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

### Design Feature

- Rotating cylinder: original England KINETROL.
- Welded housing for higher durability and better dependability
- ZGMn13-2 material for cutout, high hot and wear resistant
- Excellent control to open and close, switch time is 2 seconds
- Original England KINETROL cylinder and limiting device
- Switch signal control
- Oil-water separator: AIRTAC (Taiwan China)
- The compact modular design with exchangeable cassette-type sealing ensures easy maintenance at low maintenance costs
- Maximum working temperature: 180 °C
- Low noise & vibration



Pneumatic Globe Gate



### Specification (Unit: mm)

SIZE	A	B	C	E	F	G
200	460	385	290	375	484	300
250	485	410	340			
300	585	435	390			
350	610	460	440			
400	635	485	490			
500	685	535	590			
630	750	600	730	575	730	355
800	810	591	900	745	900	

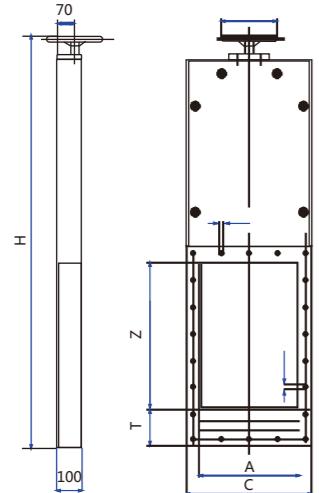
### Technical Parameters

Size(mm)	B200	B250	B300	B400	B500	B630	B800
Max Flow (m³/h)	40-260	60-360	70-480	90-650	110-820	140-1450	170~1800
Valve body diameter width (mm)	200	250	300	346	346	346	440
Valve body diameter length (mm)	346	346	346	400	500	600	800
Circulation area(m²)	0.012	0.014	0.017	0.026	0.032	0.051	0.08
Max Torque (Nm)	250	250	500	1000	1000	2000	2000
Electric actuator Angle (°)	90						
Input power (V)	220/24V						
Input & output signal (mA)	4~20						

## • HENT SLIDE GATE VALVE

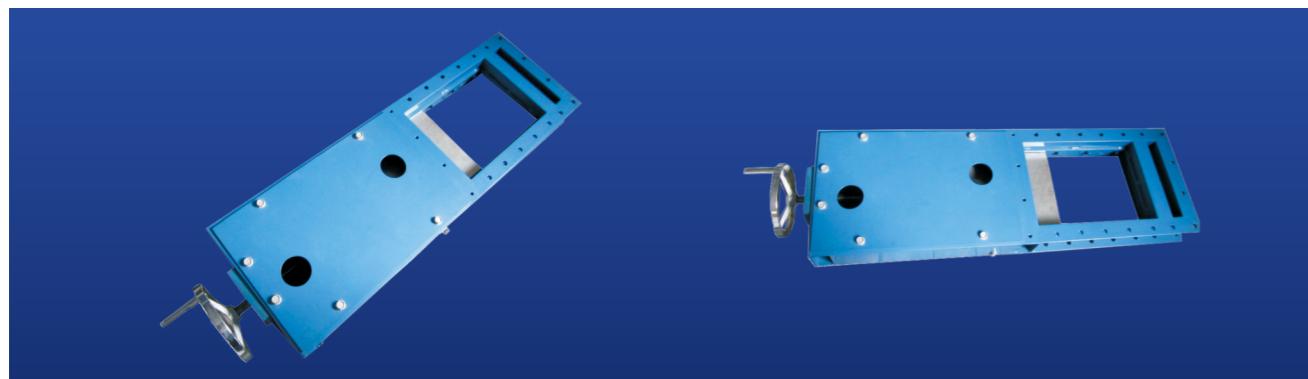
HENT Slide Gate Valve is specifically designed for dry bulk material handling. It is widely used in the discharging system, particularly in cement industry, resulting in accurate loading and metering. It has a share of 80% domestic market and is also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI, SUNNSY Group, Lafarge Group, NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all round the world.

The drives of HENT slide gate valve have three operation options: Manual, Pneumatic and Electric.



### Manual Slide Gate Valve Design Feature

- High sealing, no leakage with stronger, longer lasting graphite and blanket seals
- A pleasing appearance, compact structure, small size, light weight, non-resistance, easy installation and using, no angle limit.
- No jam during gate plate sliding
- Welded Housing for higher durability and better dependability
- Gate plate: stainless steel, anti corrosion; Max. working temperature: 180°C

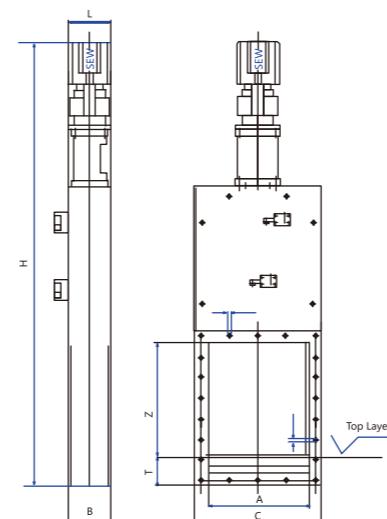


### Technical Parameters

Inlet/Outlet Sizes (mm)	200	250	300	350	400	500	630	800
Route (mm)	350	360	360	360	360	360	360	360
Hand wheel (mm)	φ200							
Speed (r/min)	119							

### Specification (Unit: mm )

SIZE	A	C	H	T	n1*Φp1	n2*Φp2
200	194x347	294	1150	129	16*Φ10	4*M8
250	248x355	344			16*Φ12	4*M10
300	298x355	391			17*Φ12	5*M10
350	348x355	444			18*Φ12	6*M10
400	398x355	494			23*Φ15	7*M12
500	498x355	594			26*Φ15	14*M12
630	630x525	730				
800	790x650	900				



### Electric Slide Gate Valve Design Feature

- High sealing, no leakage with stronger, longer lasting Graphite and blanket seals
- No jam during gate plate sliding
- Welded Housing for higher durability and better dependability
- Gate plate with two material options:
  - Option 1: Stainless steel: anti corrosion, Max working temperature: 180°C
  - Option 2: Japan imported alloy steel: 16Mo3 (EN10028.2) High temperature resistance (Max working temperature: 600°C) and high wear resistance
- Gearing Motor-SEW
- Limit switch- Schneider
- Installation: flexible (either horizontal or vertical)
- End connection: flange
- Long service life



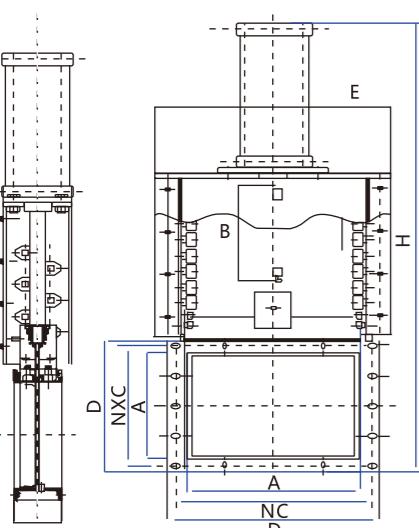
## Technical Parameters

Inlet/Outlet Sizes (mm)	200	250	300	400	500	600	800
Route (mm)	200	250	300	400	500	600	800
Hand wheel (mm)	φ200					200	
Gearing Motor	RF37DT90L4			RF37DT90L2	RF37DV100L4	RF37DT100L4	
Power	AC220V、AC380V 50Hz						
Motor power (KW)	0.75	1.5	2.2	3.0	4.0		
Speed (r/min)	71	119	146	148	90		
Temperature (°C)	≤550						

## Specification (Unit: mm )

Size	A	B	C	H	T	Z	L	n1*Φp1	n2*Φp2	
200	194	100	294	1712	122	347	197	16*Φ10	4*M8	
250	244		344	1729	129	355		16*Φ12	4*M10	
300	294		394					17*Φ12	5*M10	
350	344		444					N/A	N/A	
400	394		494					N/A	N/A	
500	494		594					18*Φ12	6*M10	
600	600	160	730	2021	155	525		23*Φ15	7*M12	
800	790	200	900	2400	155	65	240	26*Φ15	14*M12	

## Pneumatic Slide Gate Valve Design Feature

- 
- High sealing, no leakage with stronger, longer lasting Graphite and blanket seals
  - No jam during gate plate sliding
  - Welded Housing for higher durability and better dependability
  - Gate plate with two material options:
    - Option 1: Stainless steel: anti corrosion, Max working temperature: 180°C
    - Option 2: Germany imported alloy steel: 16Mo3 (EN10028.2) High temperature resistance (max working temperature: 600°C ) and high wear resistance
  - Dual role cylinder-AirTAC
  - Two-position and five-port solenoid valve
  - Limit switch- Schneider
  - Switch signal control
  - Installation: flexible (either horizontal or vertical)
  - End connection: flange
  - Long service life
  - Can be applied in the coal warehouse



## Technical Parameters

Spec (mm)	200mm/300mm/400mm/500mm/630mm
Cylinder spec	QGS200X490X-MF1
Air Pressure (MPa)	0.15-1.0
Working temperature (°C)	≤520
Trip (mm)	1000
Electromagnetic valve Model	XQ25-AC220
Working pressure (Mpa)	0.15-1.0

## Specification ( Unit: mm )

SIZE	AXA	B	NxC	D	E	H
400	400x400	400	4x117	516	586	1798
500	500x500	500	4x142	616	686	2108
600	600x600	600	4x167	716	786	2508
700	700x700	700	6x130	850	892	2908
800	800x800	800	8x110	950	992	3308
900	900x900	900	8x123	1050	1092	3708
1000	1000x1000	1000	9x120	1150	1192	4108

## Omniseal Pneumatic Gate Valve



This gate valve is surrounded by felt seal, and has been used in the waste tire recycling oil making device for blanking control of tire fragment.

## • HENT PMV Pulverized Coal Bunker Pneumatic Gate Valve

PMV pulverized coal bunker pneumatic gate valve is a special device for powder transmission for pulverized coal bunker.

When the powder is flowing normally, the friction of the powder with the valve body wall is relatively smaller. In the valve opening or closing process, the powder state of motion changes, a vortex formed, and a strong impact on the valve plate and the sealing surface of the valve body in contact with the valve plate. The friction increases progressively, so valve plate and the sealing surface of the valve body are badly worn. As time passes, the gap between gradually increases, resulting in valve leakage. For the above reasons, the easy worn points of the pneumatic gate valve by our company is made of anti-friction materials, as well the valve structure design had fully considered the characteristics of powder materials with hard material in, thus it seldom appears that the valve stuck by the materials and the valve board can't slid. The valve can work under hard environment for a long-term without troubles. Schneider travel switch is used for opening and closing limit switch, and contact is dry contact.

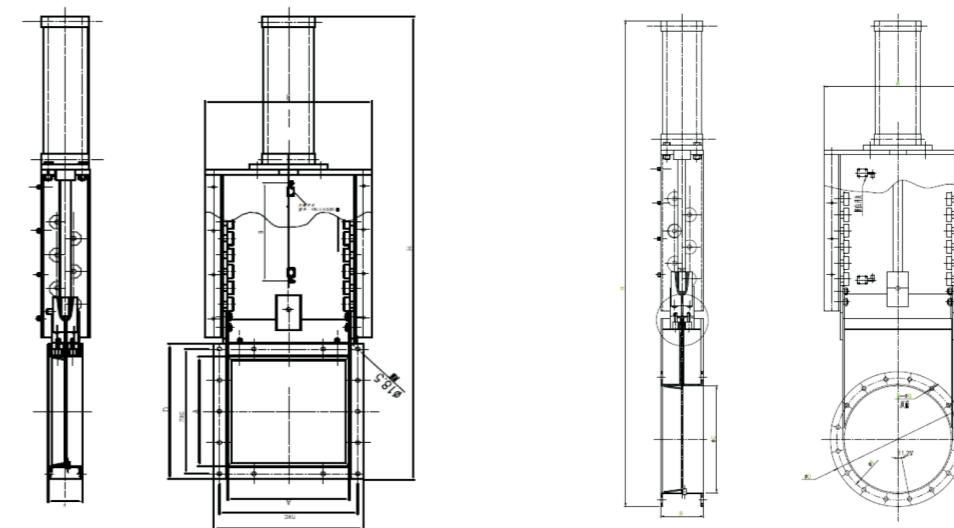
PMV pulverized coal bunker pneumatic gate valve is equipped with double action cylinder and solenoid valve as drive devices. Switch signal from the Schneider trip switch is transmitted to the control room, to realize the remote switch control of the valve.

### Design Features

- Switch signal control
- Nice appearance, compact structure, non-resistance, easy installation and no angle limit.
- Valve plate is used of highly heat-resistant materials with good properties of anti-corrosion under high-temperature, high worn resistance.
- Wear resistant seal sleeve is put inside the valve body, which is filled with graphite packing, symmetrically arranged on both sides of the valve plate and connected closely with both sides, with clearance of 0 mm, no powder leakage.
- Adopt double action cylinder for driving, Schneider travel switch for signal transmission, stable operation, small vibration and low noise, and accurate signal transmission.



**PMV Pneumatic gate valve Dimension diagram**



**Filling material:Graphite packing**

Spec	AxA	B	NxC	D	E	H
400	400x400	400	12x117	516	586	1798
500	500x500	500	12x142	616	686	2108
600	600x600	600	12x167	716	786	2508
700	700x700	700	18x130	850	892	2908
800	800x800	800	18x110	950	992	3308
900	900x900	900	18x123	1050	1092	3708
1000	1000x1000	1000	26x120	1150	1192	4108

### Technique data

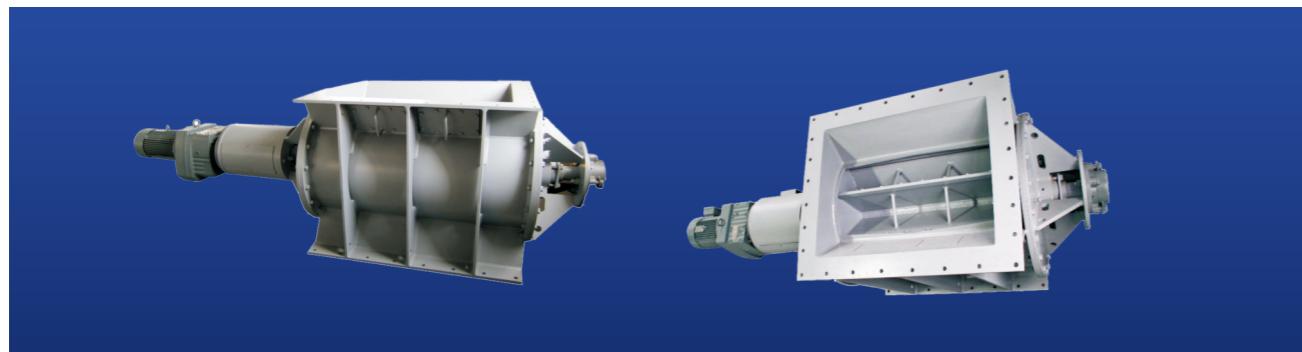
Spec(mm)	400	500	600	700	800	900	1000
Capacity(m <sup>3</sup> /h)	110	180	260	353	460	583	720
Air Pressure MPa							0.4~0.7
Working temperature(°C )							≤250

## • HENT ROTARY AIR-LOCK VALVE

HENT rotary air-lock valve is specifically designed for dry bulk material handling. It is widely used in the discharging system, particularly in cement kiln inlet, resulting in accurate discharging and metering. It has a share of 80% domestic market and is also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI , SUNNSY Group, Lafarge Group , NRCC & SPCC (SA), KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

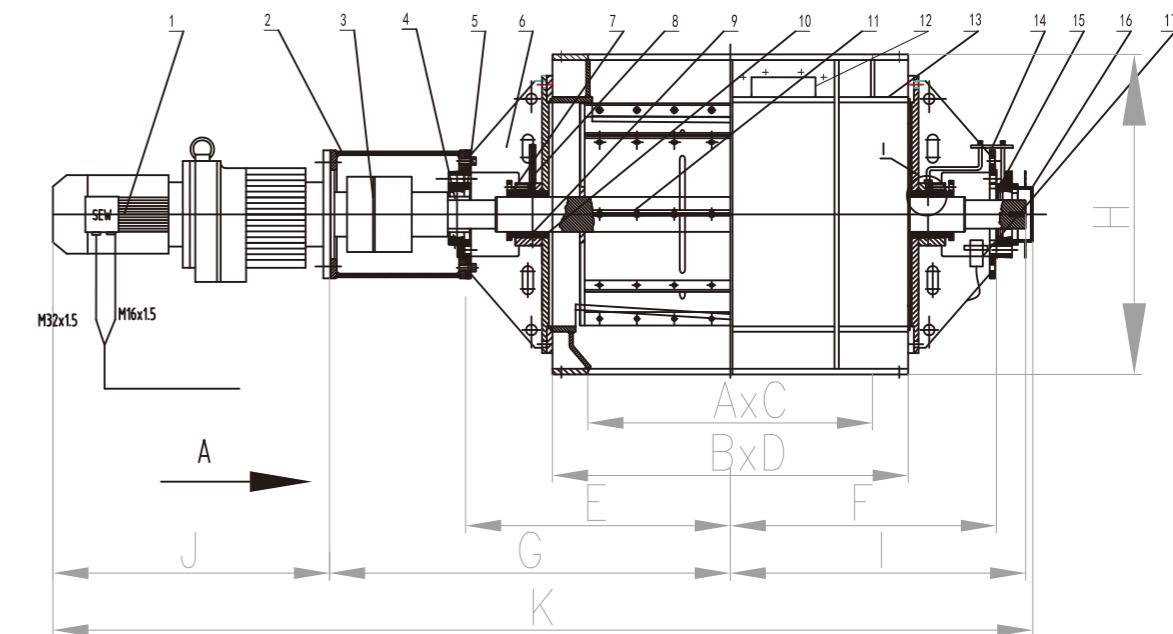
### Design Feature

- Rotary material feeder, an accurate control with a speed detector on the wheel main shaft
- High temperature air locking
- Welded housing for higher durability and better dependability
- Using Japan imported alloy steel 16Mo3 as per EN10028.2 for shell and wheel, high temperature creep resistance, max working temperature 600 C°, high wear resistance
- Sweden SKF FC-UC216 bearing, QT-400 shaft seat
- Gearing motor: Germany SEW
- Main shaft seal: graphite packing
- Long service life
- Easy installation, low maintenance
- Lower noise& vibration
- End connection: flange



### Specification (Unit: mm)

Spec Model	Rotor Diameter	Feed Width	Max Flow (T /H)	Power (KW)	Length	W x H
Lv500x700	Φ500	500x700	150	4	2075	620x750
LV630x800	Φ630	630x800	300	5.5	2754	830x900
LV800x1000	Φ800	800x1000	350	7.5	2950	1050x1100



Spec	Max Flow	AxC	BxD	E	F	G	H	I	K
500×700	150	500×700	620×820	604	603	784	750	687	2383
630×800	300	630×800	1000×830	744	748	999	900	830	2754
800×1000	400	800×1000	1000×1200	844	848	1099	1070	930	1954

### Main components

No.	Code	Name	Quantity
1		Gearing Motor	1
2	LV*x*-01	Connecting wedge kit	1
3	ML *	Cinquefoil flexible coupling	1
4	GB/T1096-1979	Key	1
5	GB/T7810-1995	Bearing	2
6	LV*x*-02	Cover	2
7	LV*x*-03	Gland flange	2
8	LV*x*-04	Over-lengthen hexagonal oil input glib	1
9	LV*x*-05	Oil ring	2
10	LV*x*-06	Back seat	6
11	LV*x*-07	Chain-wheel	1
12	LV*x*-08	Observation hole cover	2
13	LV*x*-09	Shell	1
14	LV*x*-10	Oil input stent	1
15	LV*x*-11	Oil input glib	4
16	LV*x*-12	Shaft shield	1
17	LV*x*-13	Tachometer	1

## • HENT NEW GENERATION NO JAMMING NO MATERIAL STICKING VERTICAL MILL AIR-LOCKING FEEDER VALVE

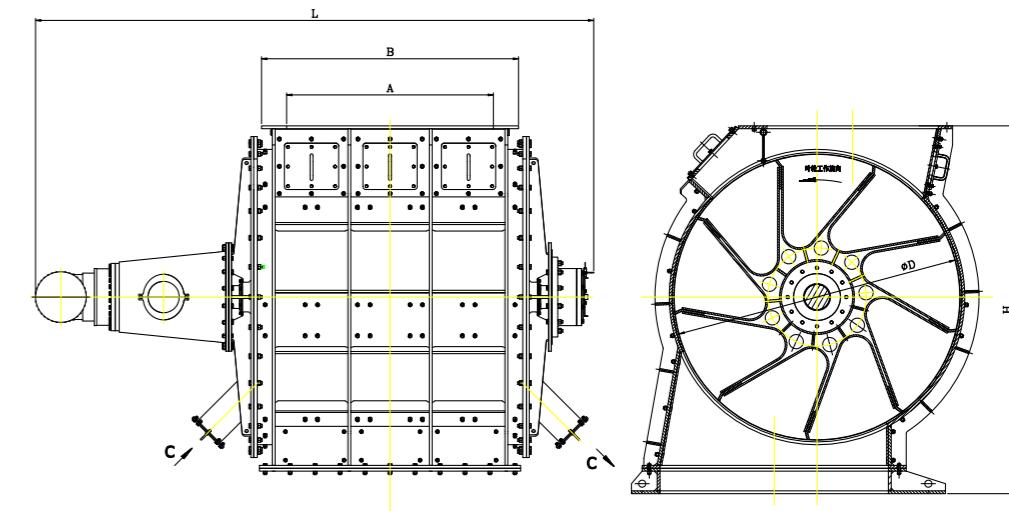
HENT vertical mill air-locking feeder valve is a large rotary air-locking discharge valve dedicated to supporting vertical mill feeding, improved on the base of foreign similar products, applied to raw material, cement mill and coal mill feeding. This valve characterizes as good air-locking effect, no jamming, no material sticking, abrasion assistance, flexibly adjusting rotor clearance and so on. Its abrasion-proof scraper and internal shell can be changed after abrasion, and the entire valve body can be reused though repaired repeatedly with a long serving life.

### DESIGNED FEATURES:

- A striker plate capable of slightly swinging is equipped on the feed end of HENT vertical mill air-locking feeder valve, and valve body is lined with abrasion-proof shell, detachable internal shell, convenient for maintenance.
- Abrasion-proof scraper and steel band are equipped on the rotor blade of HENT vertical mill air-locking feeder valve, which can be able to effectively clean up sticking material on the lining cylinder wall. The clearance between abrasion-proof scraper、steel band and lining cylinder wall is adjustable. Also, the usage of abrasion-proof scraper and steel band improves its abrasion performance, prolongs its serving life and results in a good air-locking effect.
- A heated air room is equipped both on rotor end and valve housing end of HENT vertical mill air-locking feeder valve. A hot air duct is equipped between rotor blade and principal axis, hot air passing through hot air pipe of one valve housing end into heated air room, from rotor center air duct to the other side heated air room, then gets out through hot air pipe of the other valve housing end. The hot air circulation keeps rotor blades heating, which can effectively clean up sticking material on rotor blade and rotor end.
- External bearings is Sweden SKF brand or domestic famous brand. Motor reducing gear is a product of German SEW China Suzhou subsidiary, and the coupling is a claw-shape cross structure, connecting reliably.

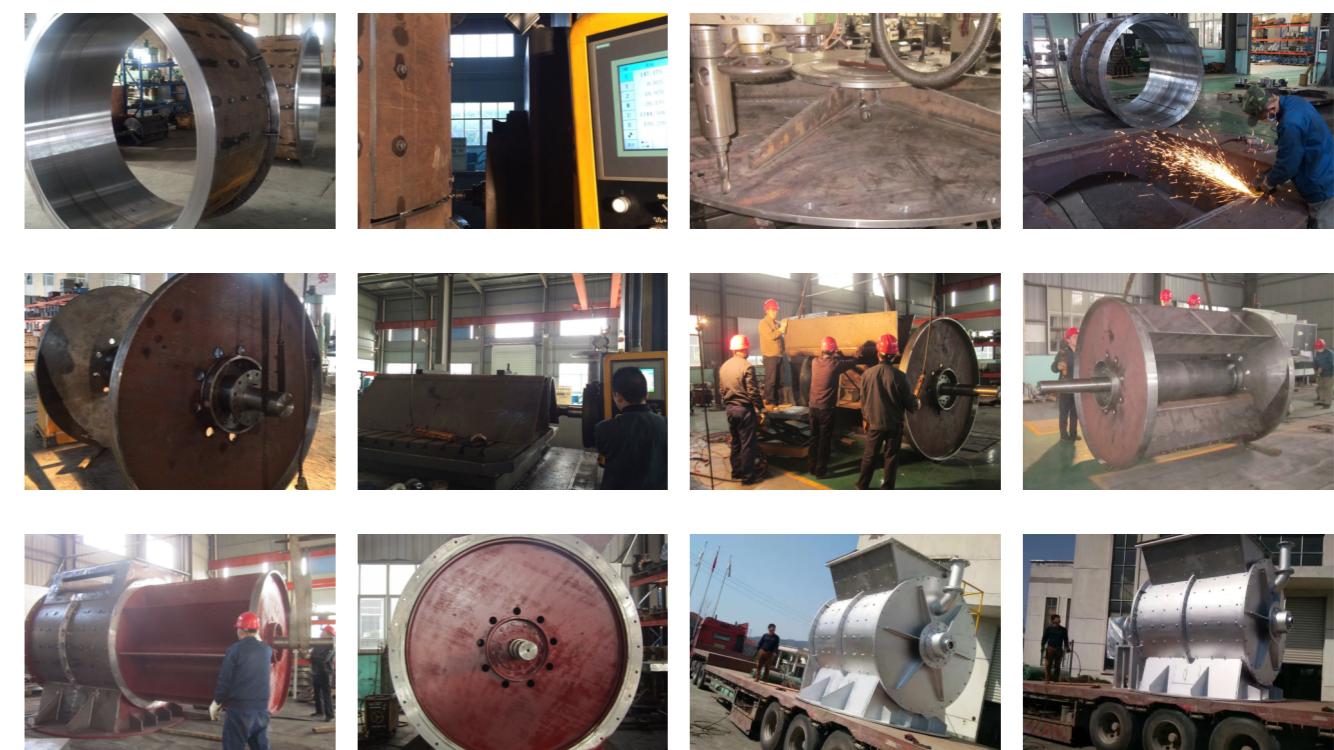


### Technical Parameter and Specification



### Specification ( Unit:mm )

Spec	Capacity	Power	D	H	A	B	C	Weight
EMV1200	220	9.2	1200	1600	1200	1400	1500	7.6
EMV1600	320	11	1600	2200	1600	1800	3100	10.5
EMV1800	550	15	1800	2500	1800	2000	3800	13
EMV2000	600	18.5	2000	2800	2000	2200	4300	15.6



## ● SELF-CLEANING ROTARY AIR-LOCK VALVE

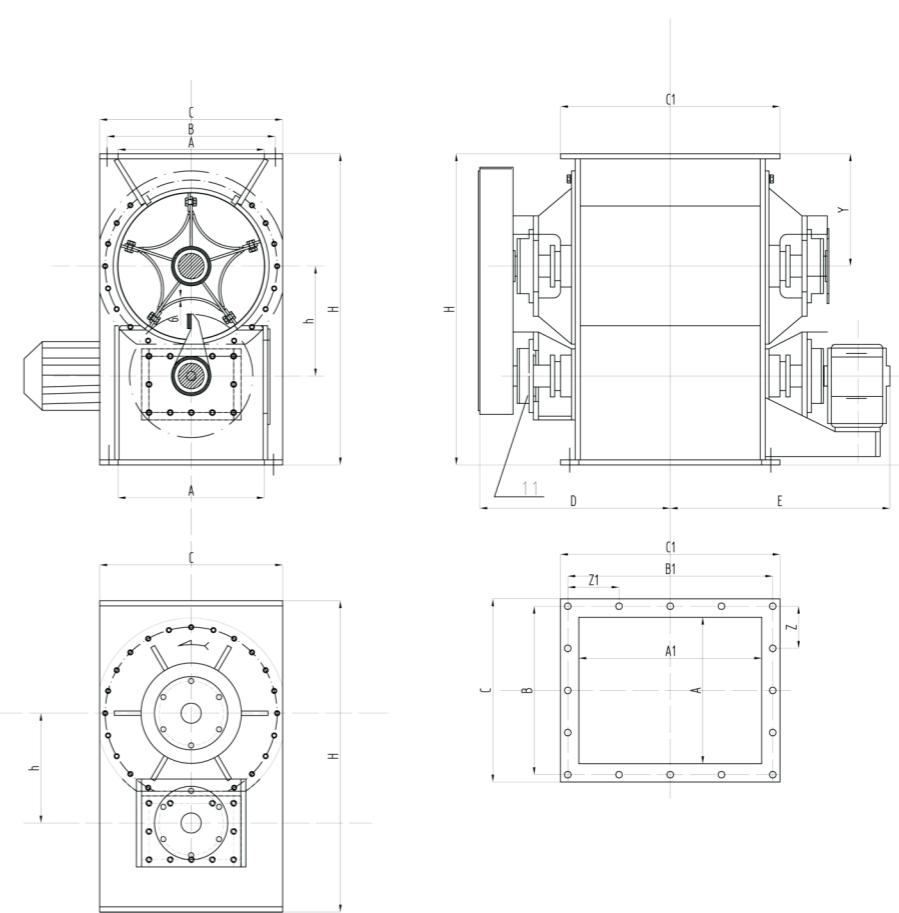
Self-cleaning rotary valve is a new type rotary valve by adding cleaning blades based on the traditional rotary valve. This device has the function of self-cleaning, and on the condition of constant feeding, it realizes the automatic cleaning of the material on the rotor.

### Design Feature

- The external bearing design effectively protects itself.
- When the material particle size is big or the material abrasiveness is strong, there are high wear-resistant plate inside the discharger shell and wear-resistant blades on the impeller; When the material is powder, there is no need to install the detachable wear-resistant plate. The characteristic of material is different, so is the feed inlet structure. At the bottom, there is inspection door for viewing the sweeper running condition when discharging.
- Gear motor drives the discharger impeller running by the reduction gearbox, which is at the other side of the sweeper shaft. The blade is composed by 5 troughs, and the ratio of the revolution of scraper cleaner and blade is 5:1, so each trough can get cleaning one time after running a round.
- The rotary valve has direct drive and chain drive.
- Main shaft seal:graphite packing



Capacity	A*A1*H	Revolution(r/min)	H	B	C	Y	B1	C1	W	Z	Z1	D	E	Reducer model	Power(kw)	Rotor diameter
35	400*400*850	23	300	460	500	307	460	500	243	115	115	520	600	GkA67-Y4-4P-12.48	4	400
48	400*400*850	30	300	460	500	307	460	500	243	115	115	520	600	GkA67-Y4-4P-9.66	4	400
44	400*500*850	23	300	460	500	307	560	600	243	115	140	520	600	GkA67-Y4-4P-12.48	4	400
60	400*500*850	30	300	460	500	307	560	600	243	115	140	520	600	GkA67-Y4-4P-9.66	4	400
25	400*300*850	24	300	460	500	307	360	400	243	115	120	520	600	GkA57-Y4-4P-11.92	4	400
30	400*300*850	27	300	460	500	307	360	400	243	115	120	520	600	GkA67-Y4-4P-11.26	4	400
220	1200*1200*2550	11	900	1380	1500	921	1680	1500	728	345	420	1561	1800	kF127DRE160M4(sew)	9.2	1200
320	1600*1600*3400	11	1200	1380	2030	1230	2220	2400	971	460	560	1600	1800	kF127DRE160MC4(sew)	11	1600
550	1800*1800*3800	12	1350	1380	2048	1380	2040	2700	1100	518	633	1600	2000	kF157DRE180M4(sew)	15	1800
800	2000*2000*3800	12	1500	2300	2500	1535	2800	3000	1214	575	700	1800	2200	kF157DRE180L4(sew)	18.5	2000



### Material of main parts

No.	Name	Quantity	Material
1	Impeller	1	Q235
2	Shell	1	Q235
3	Sealing cover	2	Q235
4	bearing end cover	4	Q235
5	Rolling bearing	4	63112RS
6	Ring gear	1	ZG40Cr
7	End cover(2)	1	Q235
8	End cover(1)	1	Q235
9	Nut M12	35	40Cr
10	Bolt M12×25	35	40Cr
11	Sweeper bearing seat	4	ZG350-570
12	Gasket M12		
13	Spring washer M12		
14	Bolt M12×25		
15	Reducer	1	Hollow shaft hardened reducer

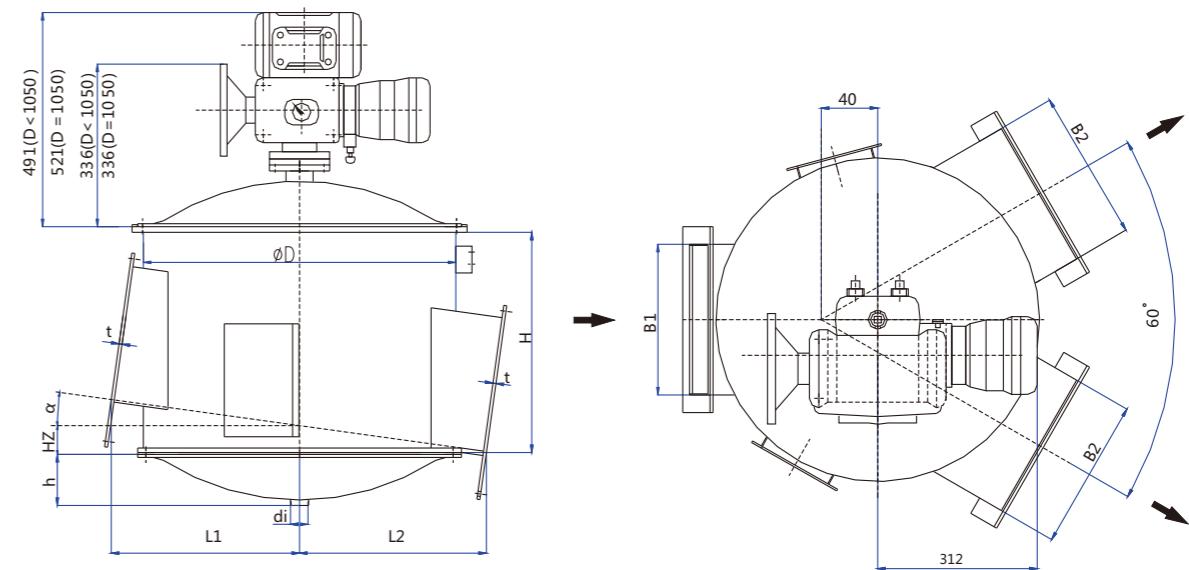
## • HENT Rotary Gate (One in,two out; One in one out and no material leaking from the other port)

HENT rotary gate is specifically designed for vertical falling routes of pneumatic conveying systems to guide and control the mass flow, particularly in cement industry. HENT rotary gate consists of a cylindrical housing. Sealing of one outlet each is carried out by an adjustable gate. By turning the drive shaft, the gate shifts from one material outlet to the other.

HENT rotary gate has a share of 80% domestic market and are also well-known worldwide. It is approved and accepted by hundreds of End Users and EPCs in China and abroad, including China Resources Cement Holdings Limited, SINOMA, TCDRI, HCDRI, SUNNSY Group, Lafarge Group, NRCC & SPCC (SA) KCCL & GCL (PK) etc. They are serving in over three hundred cement plants all around the world.

### Design Feature

- Electric actuator: original French BERNAED
- Control by inputting/outputting 4-20mA analog signal and feedback
- Welded housing for higher durability and better dependability
- Low flow resistance
- Alternative feeding of two material routes or discharge at the same time
- Valve seal:PTFE or felt
- Accurate flow control and metering
- Long service life
- Manual adjustment for emergency operation
- End connection: flange



### Specification (Unit: mm )

SIZE ØD	B1	B2	E	H	di	h	Hz	α°
530	300	300	100	550	RP11/2	136	51	8
830	400	400	150	660	RP11/2	115	71	8
1050	500	500	200	715	RP2	160	107	8
1200	630	630	200	750	RP2	200	120	8



### Technical Parameter

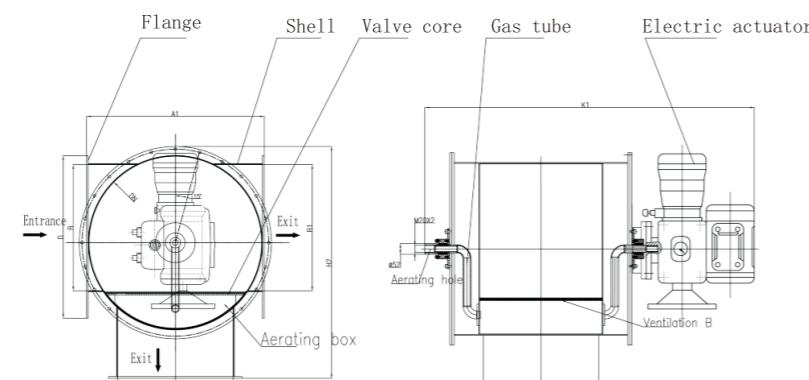
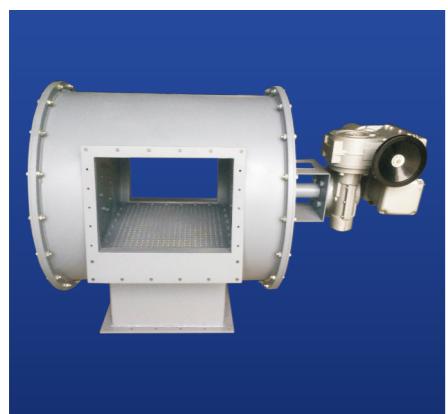
Nominal Diameter (mm)	530	830	1050	1200
Max Flow (t/h)	300	500	630	900
Installation Angle (°)	8	8	8	8
Power (kW)	0.03	0.06	0.1	0.1
Max Torque (Nm)	500	1000	2000	2000
Input & output signal (mA)	4~20			

## • HENT TTV Silo Top Bottom-dump Two-way Valve

TTV silo top bottom-dump two-way valve is applied to control the powder material's flow direction by adjusting the special valve core position inside the valve, which is widely used in building materials, metallurgy, mining, light industry, food and so on. And it is the ideal equipment for direction change during transmission system for solid grains and powder materials.

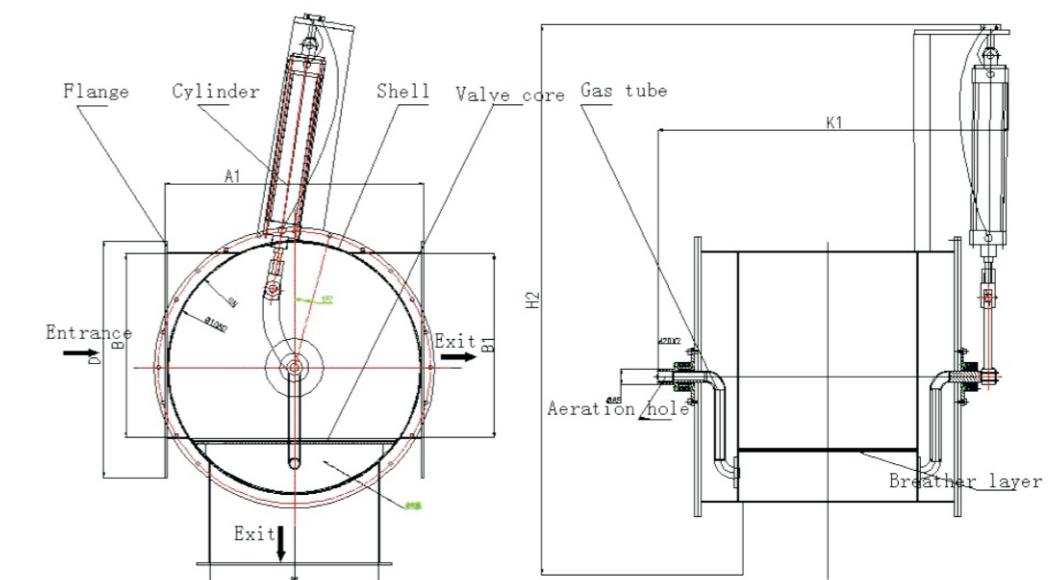
### Design Feature

- TTV silo top bottom-dump two-way valve is driven by AIRTAC pneumatic actuator or BERNARD original electric actuator, which can remotely control the flow of materials.
- Welded by high quality steel plate, small size, light weight and low resistance.
- inlet and outlet of TTV silo top two-way valve can not only discharge material vertically downward, but also discharge material in any horizontal direction by collocating the outlet with air conveyer flume in different angle, reducing the Technical process
- TTV silo top bottom-dump two-way valve adopts switch quantity signal control, adjusting the valve core position and material flow direction
- Valve seal:felt



**Structure and specification for electric two-way valve(Unit:mm)**

Spec	Flow(m3/h)	B( Suction flange )	B1( Discharge flange )	D	A1	K1	H2
Φ530	Φ300	200	200	486	546	1012	711
		250	250	520			
		300	300	520			
Φ830	Φ500	350	350	520	856	1585	1114
		400	400	520			
Φ1050	Φ630	500	500	520	1082	2006	1409
		630	630	730			
Φ1200	Φ900	800	800	900	1237	2292	1611
		1000	1000	1000			



**Structure and specification for pneumatic two-way valve (Unit:mm)**

Spec	Flow(m3/h)	B( Suction flange )	B1( Discharge flange )	D	A1	K1	H2
Φ530	Φ300	200	200	486	546	737	1157
		250	250	520			
		300	300	520			
Φ830	Φ500	350	350	520	856	1155	1812
		400	400	520			
Φ1050	Φ630	500	500	520	1082	1456	2292
		630	630	730			
Φ1200	Φ900	800	800	900	1237	1670	2620
		1000	1000	1000			

### Technical Parameter

Electric or Pneumatic	spec	Φ530mm	Φ830mm	Φ1050mm	Φ1200mm
	Max flow	300t/h	500t/h	630t/h	900t/h
	Installation angle	6°	6°	6°	6°
Operating temp		≤300			
Power voltage		380V or 220V,50Hz			
Input signal		On-off Signal			
Feedback signal		Switch Limit Signal			

## • HENT LUMP CRUSHER

The Lump Breaker is used for crushing of lumps from discharger. These lumps are formed due to hydration in silos or bins. In case lump material could not be discharged, which will cause material blocking and therefore incorrect signals will be generated by flow regulating valve.

It may affect normal operation of the processing system, in some cases, the signals will cause serious unbalance between raw material and fuel, which will result in equipment accidents for overhigh temperature within burning equipments.

A horizontal or vertical type lump breaker is available and is used in the discharge area in front of the discharge equipment, for example flow control gates or pneumatic shutoff valve. For fluent discharging, lumps in material will be crushed immediately to prevent discharging valves being blocked by the lumps.

A rotor with crushing arms arranged radially and displaced on the shaft, draws the lumps against a grate where it crushes the lumps.

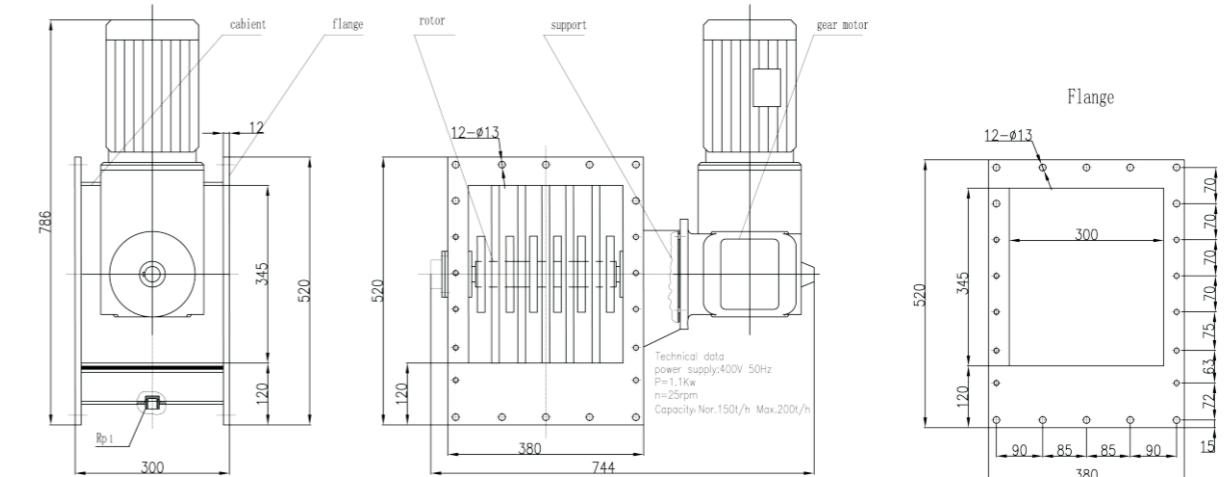
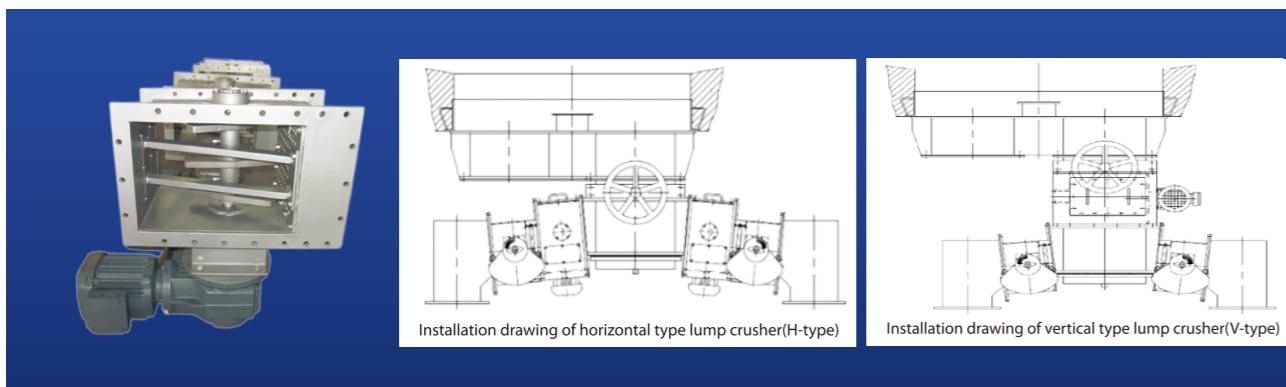
The operational safety of the lump crusher is ensured by an integrated motor rotate speed device in control box. When some lumps which were failed to be crushed block the rotor, the integrated motor rotate speed device in control box will alarm and reverse the rotor automatically, then forward it when the lumps which can not to be crushed were pushed aside. When lumps are too hard to crush, the crusher will keep on reversing and forwarding operation with continued alarm. Operation staff shall clean the lumps that can not to be crushed to avoid equipment damage.

The crusher will automatic shutdown when it is stuck for forwarding or reversing and wait for restarting after trouble clearing.

The integrated motor rotate speed device in control box is optional, an additional request shall be stated with equipment order.

### Design Feature

- Mass flow of max. model up to 1000m<sup>3</sup>/h
- Available for all aeroslides and silo outlets
- Designed for high material temperatures up to 120°C
- Low energy consumption, when in 25 revolutions, driven motor power is only 1.1 KW (below size B400)and 1.5KW (above B500).
- High wear resistant materials for crusher and grid
- Easy maintenance
- Integrated motor rotate speed device in control box (optional)
- Optional switchboard for integrated overload detection and reversing control



### Technical features of horizontal type lump crusher(H-type)

Model	Effective size of access (mm)	Capacity (m <sup>3</sup> /h)	Max. lump size (mm)	Pressure of fluidization air(KPa)	Volume of fluidization air(m <sup>3</sup> /min)
LCV250	B250	200	<150mm	≥30	0.19
LCV300	B300	300	<150mm	≥30	0.23
LCV315	B315	325	<150mm	≥30	0.24
LCV350	B350	375	<150mm	≥30	0.26
LCV400	B400	450	<200mm	≥30	0.30
LCV500	B500	600	<200mm	≥30	0.38
LCV600	B600	800	<200mm	≥30	0.45
LCV630	B630	900	<200mm	≥30	0.47
LCV650	B650	900	<200mm	≥30	0.47

The capacity value is for reference. The actual value is influenced by the volume and pressure of the fluidization air under the crusher, the capacity of slide connected with the crusher shall be as standard.

### Technical features of vertical type lump crusher(V-type)

Model	Effective size of access (mm)	Capacity (m <sup>3</sup> /h)	Max. lump size (mm)
LCV400x400	400x300	500	< 200mm
LCV500x500	500x400	800	< 200mm
LCV600x600	600x500	1000	< 200mm

## • HENT Preheater High-temperature Flap Valve (Patent No: 201520754483.4)

Cyclone preheater high-temperature flap valve of cement kiln preheating and precalcining system is a pivoting heat-proof part which can close automatically by taking advantage of the material flow self-weight. Flap valve should not only guarantee the preheater discharging smoothly, but also have the function of air-locking. Because of its simple structure without power, this discharge air-locking device is widely used in preheater system at present. However, if the flap valve of preheater system is designed improperly and overhauled inconveniently, it will easily bring about the valve plate acting inflexibly, burning out, and increasing system energy consumption, effecting yield and operation rate.

Zhejiang HENT Electromechanical Engineering Co.,Ltd pays a long-term attention on the actual using effect in spot of domestic and overseas flap valve, analyzes the existing problems, proposes solution pointedly, mixes new design ideas, and develops out a neotype heat-proof HENT preheater high-temperature flap valve with attractive appearance, novel structure, reliable function, and convenient overhaul.

### Flap Valve Structure

HENT preheater high-temperature flap valve composes: valve housing of prefabricated fire-proof castable, heat-proof valve plate and valve shaft, valve shaft supported rolling bearing, valve shaft seal, weight-loaded counterweight and regulator, poke hole, access door, protective cover, hook and cable and so on.

### Design Features

- applicable to the discharging and air-locking of  $\phi 350\text{mm}$ - $\phi 1050\text{mm}$  preheater blanking pipe
- flap valve has two types: one plate flap valve, and double plate flap valve. One plate flap valve is applicable to sloping blanking pipe, and double plate flap valve is applicable to vertical blanking pipe
- short valve plate displacement distance, small valve rod pendulum angle, higher frequency, blanking evenly, difficult to cause inner air leakage
- rolling bearing equipped for valve shaft supporting, sealed by labyrinth seal and graphite packing to avoid valve side air leak, lower the temperature of supporting point, reduce valve shaft wear, valve shaft rotate flexibly, prolong serving life
- in terms of the flap valve use position and operating condition, high-quality heat resistant steel selected for valve shaft and valve plate to prolong valve serving life. Flap valve of C1-C3 preheater, material of valve shaft and valve plate is 1Cr18Ni9Ti; Flap valve of C4-C5 preheater, material of valve shaft and valve plate is ZG40Cr25Ni20Si2
- set weight regulator, convenient to adjust the torque of valve rod and counter weight, accurate counterweight
- set access door. When troubleshooting, valve plate is able to rotate out of the shell, check and clean out the skinning of the inner valve body; convenient to dismantle and change valve plate
- eccentric feed inlet and discharge hole to keep feeding, discharging and valve plate discharging center staying the same
- flap valve prefabricated fire-proof castable to guarantee castable masonry quality
- valve housing equipped with reinforcement rib to enhance valve housing strength
- Flap valve of C5 preheater is equipped with air compression purging unit to avoid valve body skinning
- set convenient on and off poking hole
- equip hook and cable when overhauling to full open or full close the valve plate
- equip demountable safety cover
- provide companion flange when supply of flap valve



## Preheater High-temperature Flap Valve Ordering Information

- Production of HENT preheater high-temperature flap valve is based on orders, able to provide preheater high-temperature rotary valve (please negotiate with our order staff if there is any special requirement)
- Before orders, please provide detailed dimension and arrangement diagram of five-stage cyclone preheater pipes
- The patent right of this preheater high-temperature flap valve belongs to Zhejiang HENT Electromechanical Engineering Co.,Ltd, if any counterfeiting from individual and group, we will investigate and affix legal liability!

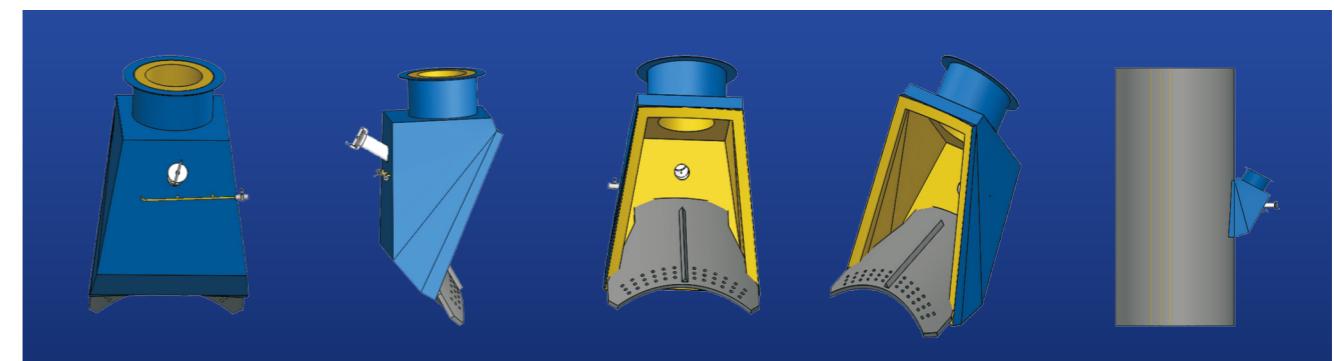
## • HENT Preheater Dispersion Device

HENT preheater dispersion device characterizes as simple structure, perfect in workmanship, convenient installation and maintenance, high-efficiently dispersing powdery material. This dispersion device can still keep material dispersed evenly and fully though when operation condition of high-temperature flue gas changes greatly, to achieve the best heat transfer effect of gas-solid two-phase, effectively avoiding undesirable effects such as material short circuit, local overheating, uneven heat transfer, material jam and skinning, achieving low cost of investment for high heat consumption performance index.

HENT preheater dispersion device is applicable to not only development and design of new cement clinker production line, but also optimization and upgrading of existing production line.

### Structure of Dispersion Device

HENT preheater dispersion device composes: feed inlet, dispersion device housing, heat-resistant castable layer, dispersion plate, poking hole, air compression purging unit, discharge hole.



### Design Features

- Quality heat-resistant steel is selected for dispersion plate material, high temperature resistant, corrosion resistant and abrasion resistant
- Dispersion plate is equipped with strip-type diversion splitter plate, enhancing the effect of dispersion
- Dispersion device is equipped with poking hole, to deal with skinning jam in time
- Bottom of dispersion device is equipped with air compression purging unit, to clean up material deposit in time
- Inner shell of dispersion device prefabricated fire-proof castable, to shorten replacement circle
- Feed inlet is equipped with companion flange, convenient installation.

## • Users of Germany Technology Raw Material Cement Discharge Valve and Kiln Tail Feeding Valve

1.Tianjin Institute Turkey TRACIM Cement Co., Ltd. (Feeding valve on the preheater and kiln inlet 5000t/d) (Mi Dongwei -13803078128)  
 2.Tianjin Institute Russian SCP cement production line (Feeding valve on the preheater and kiln inlet 5000 t/d) (Sun Yifei-13920697566)  
 3.Tianjin Institute Vietnam cement production line in Xining (Feeding valve on the preheater and kiln input 4000t /d) (Sun Yifei-13920697566)  
 4.Tianjin Institute. Kazakhstan Cement production line (2500t/d) (Cai Chun 15902205919)  
 5.Tianjin Institute. Alberto Anqing white cement production line(400,000tons /year)(Ai Jun 13920169800)  
 6. Tianjin Institute. Sinoma Hanjiang Cement Share Co, Ltd.(2500t/d) (Sun Shunli 022-26915304)  
 7.Tianjin Institute F134-QUAN TRIEUCEMENT PLANT Vietnam Guanchao Cement production line(2000t/d) (Ai Jun13920169800)  
 8.Tianjin Institute Lafarge Dujiangyan Third Production line (DJY3) (Feeding valve on the preheater and kiln inlet 5000t/d) (Zhang Jiuli 13820595802)  
 9.Tianjin Institute Lafarge Guizhou Sancha (SNP) (Feeding valve on the preheater and kiln inlet0500t/d) (Zhang Jiuli 13820595802)  
 10.Tianjin Institute Kazakhstan Standard Cement Co,Ltd cement production second line project 1,000,000 tons/year (Kiln tail feeding valve/raw material, cement silo bottom discharge valve, Manager Yang 13683264555)  
 11.Tianjin Institute Kazakhsta Ouya Project (Zhang Jiuli 1382059502)  
 12.Tianjin Institute Lafarge VietnamTongLin(Feeding valve on the preheater and kiln input 5000t/d) (Liu Yong022-26915771)  
 13.Tianjin Institute Pakistan 4200t/d total package project (Cement silo discharge valve, Manger Yu 13072061216)  
 14.Tianjin Institute Malaysia HUME Co.,Ltd Second Line 5000t/d Clinker Cement Production Line Project (Cement silo discharge valve, Manger Yu 13072061216)  
 15.Tianjin Institute Malaysia Second Line Second Added Supplemental Agreements (He Yan 022-26915772)  
 16.Tianjin Institute European Cement Micha Million Tons Line Project and Supplemental Agreements(He Yan 022-26915772)  
 17.China construction Saudi SINOMA-UACC-M-C-045(Silo top two-way valve/discharge valve, Manager Nie 18701279315)  
 18.China construction Saudi SINOMA-UCIC-M-C-0035000t/d EPC Project (Silo top two-way valve/discharge valve, Manager Nie 18701279315)  
 19.Nanjing Institute Nujiang Kungang NCCG-N617-JX-V05(Raw material discharge valve/kiln tail feeding valve, Manger Wang 025-86835078)  
 20.China construction Tanzania Heidelberg TPCC Cement Plant (2500t/d) (Yang Xuewei 13931484535)  
 21.China construction Lafarge South Africa 2000 TPD cement clinker production line and cement grinding station of 1500 TPH (Yang Xuewei 13931484535)  
 22.China construction Uganda HIMA • Lafarge Cement Plant (850 t/d clinker production line and 60 t/h Grinding station)

23.China construction Greece ANTEA CEMENT SH.A. (ALBANIA) Cement Plant (3300t/d) (Yang Xuewei 13931484535)  
 24.China construction. Hungary NOSTRA cement 2500t/d EP project (Yang Xuewei 13931484535)  
 25.China construction. Yongchuan Chongqing Lafarge project (Feeding valve on the preheater and kiln input 5000TPD) (Yang Xuewei 13931484535)  
 26.China construction. Morocco Fes cement clinker Production Expansion Project (Yang Xuewei 13931484535)  
 27.China construction. Nigeria 5000TPD cement production line general contracting projects (Feeding valve on the preheater and kiln input 5000t/d Yang Xuewei 13931484535)  
 28.China construction. Cyprus VASSILIKO Project (Feeding valve on the preheater and kiln kiln inpuinlet inputYang Xuewei 13931484535)  
 29.China construction. Syria ABC Cement 5000TPD cement production line (Feeding valve on the preheater and kiln input Yang Xuewei 13931484535)  
 30.China construction overseas PPC-BARNET Congo(Kinshasa) Cement Production Line Project (3000t/d, raw material silo/cement silo discharge valve, kiln tail air-locking valve and rotary valve, Manager Yang 13683264555)  
 31.China construction overseas Zimbabwe Cement Production Line Project (Cement silo discharge valve, Manager Yang 13683264555)  
 32.China construction overseas Nigeria Project  
 33.China Building Material international Bangladesh Confidence Cement Grinding Station Project (Technology valve, Manager Liu 010-68796120)  
 34.China Building Material Group Ethiopia MCE Cement Factory Coal replacing Oil Project (Manager Pang 010-68796052)  
 35.CMIC Xinjiang Qinghua 5000t/d Clinker Cement Factory EPC Project (Raw material discharge valve/kiln tail feeding valve, Section chief Ji 13601081875)  
 36.CATIC Turkey Sonmez 5000TPD Project (B250 crushing valve, Manager Zhang 13910445799)  
 37.CATIC Turkey Sonmez 5000TPD Packing Workshop Expansion Project (Manager Wan 010-84971372)  
 38.Nanjing Kaisheng. Yishan Vietnam cement plant expansion project (6000t/d) (Xu Yi-ling 13913387506)  
 39.Nanjing Kaisheng. Tai' an Zhonglian 5000t/d Neotype Dry-process Cement Project (World' s Low-energy Consumption Demonstration Line)(Manager Zhou 13705167263)  
 40.Beijing kaisheng. Ulan zhonglian Mongolia 1,000,000 tons/year cement building project(2500t/d)(raw material silo discharge valve/kiln tail feed valve, Manager Wang 13911065090)  
 41.Suzhou Sinoma Guangxi Hechiguo Touyufeng 2500t/d clinker neotype dry process cement technical upgrading project (Manager Liang 15962637613)  
 42.Suzhou Sinoma Guangxi Duan Yufeng Xijiang Cement Co.,Ltd neotype dry process cement production line technical upgrading expansion project (Manager Cui 0512-55183616)  
 43.Hailuo Group Guangxi Fusui Xinning Hailuo Cement (B520crush

valve, Manager Ling 15678875225)  
 44.Guangdong Foshan Sanshui Beijiang Industrial Co., Ltd. (2500t/d) (Manager Wang 13590521777)  
 45.Guangdong Chantan Cement Co., Ltd. Chantan Cement Plant (2500t/d) (Manager Xiao 13829868266)  
 46.Guangdong Zhujiang Cement Co., Ltd. (Managershi 13826176803)  
 47.Guangdong Meizhou NingRiver Cement Co., Ltd. (Manageryuan 13926073198)  
 48.Guangdong Wengyuanxian Zhongyuan Development Co.,Ltd.(raw meal silo and feeding valve on the preheater and kiln inpu 5000t/d)  
 49.Guangdong Xinfeng Yuebao Cement Co., Ltd (raw meal silo and feeding valve on the preheater and kiln inpu 5000t/d)  
 50.Tianjin Institute Guangdong Youkeng Building Material Co.,Ltd. (raw meal silo and feeding valve on the preheater and kiln input 4500t/d, Chen Gui'e 022-26915493)  
 51.Zhonglian Cement Jiangsu Pizhou Cement 800,000tons/year grinding station technical upgrading project (Manager Zhang 13585360778)  
 52.Zhejiang Jin Xing Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t/d) (Manager Wei 13255811790)  
 53.Zhejiang Haolong Building Material Co.,Ltd 4000t/d cement production line project (Manager Lu 13867036333)  
 54.Hebei Shi-chou Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln input 5000t/d 5000t/d) (Manager Yang 13931012563)  
 55.Tangshan Yaodong Cement Co., Ltd.(raw meal silo and feeding valve on the preheater and kiln inlet 4000t/d,Gu Zhenkuan 13832996828)  
 56.Hebei Tangshan Hongtai Cement Co., Ltd. (4000t/d Manager Li 0315-5567316)  
 57.Hebei Tangshan Yandong Group Huacheng Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d Manager Tian 13673156288)  
 58.Jidong Cement Tangshan Dunshi Architectural Engineering LLC Tianshui City Tianxiang 2500t/d (raw material silo discharge valve, Manager Guo 13933365903)  
 59.Zhonglian Cement Dongguang County Qunguang 1,200,000 tons/year cement grinding station removal and technical upgrading project(Manager Wang 15030778918)  
 60.Hefeiyan Hebeit Tianfu Cement Co., Ltd.(3000t/d Huzhiquan 0551-3439254)  
 61.Jidong Heideberge Cement Co., Ltd.(Raw meal Silo)  
 62.Jldong Neimonggu Baotou Cement (Raw meal silo 4500t/d)  
 63.Jldong Shanxi Yangquan Cement Co (Raw meal silo 4500t/d)  
 64.Beijing Jinyu Group Zhuolu Yongxing Cement Co.,Ltd (Raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d Mir Lee 0313-675953)  
 65.Beijing Jinyu Group Xuanhua Cement Co.,Ltd (Raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d Mi Gao)  
 66.Beijing Liuli river Cement Co., Ltd.(5000t/d Minister Song 010-89382980-2676)  
 67.Henan Nanyang Hengxin Cement Co., Ltd. (3200t/d) (Manager Lin 15938844616)  
 68.Henan Jinrong Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d) (Manager Wei 13255811790)  
 69.Henan Dengzhou Huazhou building material Co., Ltd.(3200t/d) (Jinlongjie 13462565185)  
 70.Henan Zhumadian Yulong Cement Co., Ltd. 2nd stage project(raw meal silo 5000t/d) ManagerRen 15890050929)  
 71.Henan Luoyang Yellow River Tongli Cement Co., Ltd. 2nd stage project(raw meal silo 5000t/d ManagerRen 15890050929)  
 72.Henan Jingxing Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d) (Longhai 13938905873)  
 73.Henan Dadi Cement Co., Ltd.(Libingnan 13783208268)  
 74.Henan Yongan Cement Co., Ltd.( raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d)(Sushuai 15136198997)  
 75.Henan Qinyang Jinyu Cement Co.,ltd (Mr Li 18901118545)  
 76.Northern Heavy Industries Group Co.,ltd Jingang Cement Tieling Co.,ltd clinker cement production line 4000t/d project (raw material silo discharge valve/kiln tail feed valve, Manager Ge 13843709829)  
 77.Jilin Dequan Cement Group Wangqing Co., Ltd. Expansion project (raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d) (Wang Fengxin 13844341551)  
 78.Liaoning Changqing Cement Co., Ltd.(raw meal silo and feeding valve on the preheater and kiln inlet 2 x 4500t/d) (Manager Chen 13858073013)  
 79.Sichuan Jinding Cement Group Emei Mountain Special Cement Co., Ltd. (Cement silo raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d)5000t/d) (Yan Dejun 13990697698)  
 80.Sichuan Dazhou Ellison Cement Co., Ltd. (4000t/d Chen Houde 13980332748)  
 81.Sichuan Yashen Cement Co., Ltd.(2500t/d Minister Huang 0833-7400777)  
 82.Sichuan Lishen Building Materials Group Co., Ltd (Shenfang) (4500t/d Minister Li 0838-8701306)  
 83.Sichuan Jingzu Panlong Co., Ltd. (2500 t/d Minister lin 0838-6392896)  
 84.Sichuan Jingzu Aadong Cement Co.,Ltd (2500t/d Wang Zeng rong)  
 85.Sichuan Chensi Tianying Cement Co., Ltd. (3200t/d) (Minister Luo 13518107374)  
 86.Sichuan Nuwa Building Material Co.,Ltd(2500tD)  
 87.China Railway 23 Bureau East Sichuan Cement Plant (2500 t/d) (Su Liyuan 13508246120)  
 88.Sichuan Liwan Bushen Cement (Lingshui) Co., Ltd.( Huchanglong 0826-3472788 13547528133)  
 89.Guizhou Qinnanchuan Huishui Taian Co., Ltd.( raw meal silo and feeding valve on the preheater and kiln inlet 5000 t/d)Lihechong 13638012977)  
 90.Guizhou Changxin Cement Co.,Ltd.( raw meal silo and feeding valve on the preheater and kiln inlet 4500 t / d, Jiang Jindong 13732207610)  
 91.Guizhou Haolong Cement Co., Ltd.( raw meal silo and feeding valve on the preheater and kiln inlet 4500 t / d , Mr Jiang 13638030868)  
 92.Tianjin Institute Guizhou Linshan Yaobai 3200t/d cement production line(raw material, cement silo discharge valve/kiln tail feed valve, Xuzhongsheng 13821386520)  
 93.Hunan Shaofeng Southern Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t/d (Wang Yongzhong 13387321719)  
 94.Hunan Hengyang Jinshan Cement Co., Ltd. (2500 t/d) (Li enqiang 15973392)  
 95.Shandong Quanxing Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t / d)  
 96.Shandong WeiYang Group Co., Ltd. (3200 t/d)(Wang Hu 0/15966534650)

97.Shandong Luzhu Cement Co., Ltd. (4000 t / d raw cement silo)  
 98.Shangdong Shanshui Cement Group Co., Ltd. Zaozhuang Project (Raw meal silo 5000t/d OfficeTe1:0531-88360007)  
 99.Shangdong Shanshui Cement Group Co., Ltd. Linxu Project (Raw meal silo 5000t/d OfficeTe1:0531-88360007)  
 100.Shangdong Shanshui Cement Group Co., Ltd. Weishan Project (Raw meal silo LiujieTe1:0531-88360007)  
 101.Jincheng Shanshui Cement Co.,Ltd(3200t/d clinker line )(Ai Yangang 0531-88360401)  
 102.Shangdong Shenfeng Cement Group Co., Ltd.( Manager Yang 0632-3032828)  
 103.Shandong Shenfeng Cement Group Co., Ltd. Yizhou BranchHubei Enshi Dragon Cement Co., Ltd. (Manager Xu 0632-3033810)  
 104.Shandong Juzhou Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5500t/d Sunfengsheng 0633-7777999)  
 105.Zhonglian Cement Xinan zhonglian cement 4500t/d clinker cement production line (raw material silo discharge valve/kiln tail feed air-locking valve, Manager Zhao 13969967570)  
 106.Dongping zhonglian Cement Group. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t / d Lining 13906404385)  
 107.Lunan ZhongLian Cement Co., Ltd.( raw meal silo and feeding valve on the preheater and kiln inlet 5000 t / d Guoxiaobin 13963290126)  
 108.Hubei Enshi Tenglong Cement Co.,Ltd (2500t/d)(Mr Deng 13907267093)  
 109.Inner Mongolia Xishui Venture Shares Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t/d Manager Yang 13947313868)  
 110.Inner Mongolia Shangdu MinyuCement Co., Ltd. 2500t/d (DirectorGuo 13088584536)  
 111.Inner Mongolia Alashan Zuoqisongta Venture Shares Cement Co., Ltd. (2500t / d Shao Wangku 15147009902)  
 112.Inner Mongolia Eerduosi Xinhua Cement Co(3200t/d) (15804731575)  
 113.Datang International Power Generation Co., Ltd. Douhe Power Plant # 3 to # 6 furnace flue gas desulphurization project (Beijing State Power Feng Liang 010-88111168)  
 114.Chongqing Wanzhou Kehua Cement 9(raw meal silo and feeding valve on the preheater and kiln inlet Mr Peng)  
 115.Chongqing Nantong Special Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet5000t/d) (He Xianfa 13983265890)  
 116.Chongqing Shizhu Kehua Cement Co., Ltd. ( raw meal silo and feeding valve on the preheater and kiln inlet 400t/d,Dai Bin 023-73380878)  
 117.Chongqing Qijiang Kehua Cement Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000 t/d Manager Zhou 15310378957)  
 118.Chongqing Changxing Cement Co., Ltd( raw meal silo and feeding valve on the preheater and kiln inlet 4800t/d)  
 119.Chongqing Jingqing Heavy Machinery Co.,Ltd(2500t/d)(Mr Zhang 023-67636724)  
 120.Guang'an Changxing Cement Co.,Ltd (Taini Guang'an Cement Co.,Ltd)(Jin Qiao 0571-87757380)  
 121.Chongqing Chongchi Material Sichuang Hongya Yaseng Cement Co.,Ltd  
 122.Tibet Gaozheng Building Materials Co., Ltd. 2500t/d (Director Dong 13518973168)  
 123.Tibet Gaozheng building materials share Co.,ltd four stage

technical upgrading(No.4 cement grinding system expansion)  
 engineering project(Manager Dong 13518973168)  
 124.Yunnan Suijiang Chimney dam Zhepu-Cement Co., Ltd. 1500t /d (ManagerYan 15,012,263,366)  
 125.Yunnan Wandeli Group Eshan Hongfeng Building Materials Co., Ltd. (2500t/d, Minister Liang 13577729088)  
 126.Yunnan Pu' er City Lancang Sanhuan Cement Co.,ltd 3200t/d clinker cement production line project (Manager Yang 13576206388)  
 127.Hainan Changjiang, Huasheng Tianya Cement Co., Ltd. 3rd-line (raw meal silo and feeding valve on the preheater and kiln inlet 5500t/d DirectorChen 13807503938)  
 128.Anhui Fengxiang Zhongduo Cement Co(raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d 13955063333)  
 129.Shanxi Datong Yunzhong Cement Co., Ltd.(raw meal silo and feeding valve on the preheater and kiln inlet 4500t/d Manager Duan1351520397)  
 130.Shanxi Lanxian Jinyu Cement Co., Ltd(2500t/d)  
 131.Shanxi Xishan Huatong Cement Co.,ltd 5000t/d cement production line (raw material, cement silo discharge valve/kiln tail feed valve, Manager Liu 13834510321)  
 132.Shanxi Shifeng Cement Shares Co., Ltd. (raw meal silo and feeding valve on the preheater and kiln inlet 5000t/d Manager Lu 15129002899)  
 133.Shanxi Tongchuan Fenghuang Building Material Co.,Ltd(raw meal silo and feeding valve on the preheater and kiln inlet 4500t/d clinker line)(Cao Changlian 13992952816)  
 134.Hanzhong Xixiang Yaobai Cement Co.,Ltd (2500t/d clinker line)(Zhang Yu 0916-6463518)  
 135.Tianjing Institute Xinjiang Hetian Raobai Cement co,ltd (Raw meal silo,cement silo and feeding valve on the preheater and kiln inlet 5000t/d)  
 136.Gansu Qilianshan Cement Group Co., Ltd. Yongdeng project (raw meal silo and feeding valve on the preheater and kiln inlet 4500t/d Zhang Cunren 0931-4900612)  
 137.Gansu Qilianshan Cement Group Co., Ltd. Qinghai project(raw meal silo cement silo and feeding valve on the preheater and kiln inlet 4500t/d Zhang Cunren 0931-4900612)  
 138.Gansu Qilianshan Cement Group Co., Ltd. Zhangxian project(raw meal silo and feeding valve on the preheater and kiln inlet 3200t/d Zhang Cunren 0931-4900612)  
 139.Gansu Qilianshan Cement Group Co., Ltd. Grinding station project(100,000,0 m<sup>3</sup>/year Goods Concrete, Zhang Cunren 0931-4900612)  
 140.Gansu Qilianshan Cement Group Co., Ltd. Jiugang raw meal silo cement silo and feeding valve on the preheater and kiln inlet 4500t/d)  
 141.Qinghai New Building Materials Industry&Trade Co., Ltd. (2000t/d Chong Yong-wu, 13369712955)  
 142.Tianjin Institute Xinjiang Yining 3000t/d clinker cement production line project (Xu zhongsheng 13821386520)  
 143.Xinjiang Tianshan Shares Co., Ltd.Talimu Branch Cement Grinding site. (Manager Shi 15009080032)  
 144.Xinjiang Tianshan Shares Co., Ltd.Kashe Branch Cement Co., Ltd.  
 145.Xinjiang Tianshan Shares Co., Ltd.Akesu Tianshan Duolang Cement Co., Ltd. (Manager Shi 15009080032)  
 146.China construction Xinjiang Tianshan Cement Share Co.,ltd Dabancheng Branch 2X2500t/d clinker cement production line

project(first stage)(raw material, cement silo discharge valve/kiln tail feed valve, Manager Nie 18701279315)  
 147.Kashe Tianshan Duolang Cement Co., Ltd.( Raw meal silo cement silo, Cement silo and feeding valve on the preheater and kiln inlet)  
 148.Yecheng Tianshan Cement Co.,Ltd(Raw meal silo cement silo Cement silo and feeding valve on the preheater and kiln inleYao Gang 0998-7486059/15199336334)  
 149.Chengdu Institute kuche Tianshan Co.,Ltd (Raw meal silo cement silo, Cement silo and feeding valve on the preheater and kiln inlet 5000t/d)  
 150.Chengdu Institute Luopu Tianshan Co.,Ltd (Raw meal silo cement silo, Cement silo and feeding valve on the preheater and kiln inlet 5000t/d)  
 151.Chengdu Institute Yunwei Baoshan Organic Chemical-Carbide Slag Comprehensive Utilization 3000t/d clinker cement project (raw material discharge valve/kiln tail feed valve, Manager Yang 13540841500)  
 152.Yili Tianshan Cement Co.,ltd(3200t/d)  
 153.XinjiangTianjiCementCo., (3200t/d),Zhoujianhua,0371-60919070)  
 154.Hamixin Tianshan Cement Co., Ltd.(Guojianpin 0902-2303338)  
 155.Suzhou Sinoma Tulufan Tianshan Cement co.,Ltd 3000t/d , 15962637613)  
 156.Suzhou Sinoma Kemin Tianshan 3000t/d , 15962637613)  
 157.Suzhou Sinoma Fuyun Tianshan(3000t/d 15962637613)  
 158.Suzhou Sinoma Xinjiang Dunhe(4000t/d , 15962637613)  
 159.Huarun Cement Holding Group Longyan Co., Ltd.(raw meal silo cement silo and feeding valve on the preheater and kiln inlet4500t/d)  
 160.Huarun Cement Holding GroupYongding Co., Ltd.(raw meal silo cement silo and feeding valve on the preheater and kiln inlet 4500t/d)  
 161.Huarun Cement Holding Groupyঞচন Co., Ltd.(raw meal silo cement silo and feeding valve on the preheater and kiln inlet 4500t/d)  
 162.Huarun Cement Holding GroupLuoding Co., Ltd.(raw meal silo cement silo and feeding valve on the preheater and kiln inlet 4500t/d)

## • Users of DQF Series Electric Ball Valve

1.Tailand TPCC2500TPD (2500t/d,raw meal silo, cement silo)  
 2.Sinoma International. Saudi Arabia spcc (5000t/d, raw meal silo, cement silo)  
 3.Sinoma International Saudi Arabia. Rcc Riyadh(5000t/d, raw meal silo, cement silo)  
 4.Sinoma International Saudi Arabia ccc city (5000t/d, raw meal silo, cement silo)  
 5.Sinoma Overseas -PPC-BARNET Congo Kinshasa Cement production line project (3000t/d, Wangshuo 13811684787)  
 6.Sinoma Overseas Zimbabwe Cement production line project (Wangshuo 13811684787)  
 7.Sinoma Overseas Angola 5000TPD Cement production line project (Wangshuo 010-88392832)  
 8.Sinoma Overseas Turkey Limak Company ANKA 5000TPD cement production line project(Wangshuo 010-88392832)  
 9.Sinoma Equipment Nanjing Branch Saudi SPCC-TAHAMAH CEMENT LINE3 project NCCG-F26B-JX-J02-01 (Zhang Gengshao 13675199925)  
 10.Sinoma Equipment Nanjing Branch Saudi SPCC-TAHAMAH CEMENT LINE3 project NCCG-F26B-JX-J03-01 (Zhang Gengshao 13675199925)  
 11.China Building Materials &EquipmentCorporationVietnam grinding station  
 12.China Building Materials &EquipmentCorporation Turkey PLATO-95TPH Cement grinding station  
 13.China Building Materials &EquipmentCorporation Oman Cement Company (ASOG) Second expansion line 4000t / d  
 14.China Heavy Machinery CorporationVietnam grinding station  
 15.China National Machinery Import and Export (Group) Co., Ltd. Turkey 3300t/d  
 16.Tianjin Institute India LafargeSONADIH (5000t/d, raw meal silo, cement silo)  
 17.Tianjin institute Indonesia Heidelberg Million Tons line project Indocement-Citeureup P14-Brownfield Cement Plant Project( Manager Zhang 13820595802)  
 18.Tianjin Institute Laos Cement Industry Co., Ltd.(5000t/d, raw meal silo, cement silo)  
 19.Tianjin Institute Pakistan Kohat Cement Co., Ltd.(6700t/d, raw meal silo)  
 20.Tianjin Institute Pakistan GHARIBWALCement Co., Ltd.(6700t/d, raw meal silo)  
 21.Tianjin Institute Pakistan 4200t/d turnkey project F172-Pakistan Herat Clinker Production Line Project (Manager Yu 13072061216)  
 22.Tianjin Institute Turkey TRACIM Cement Co., Ltd. (5000t/d, raw meal silo, cement silo)  
 23.Tianjin Institute Bolivia 2000t/d cement production line EP project (Manager Xu 022-26915179)

24.Tianjin Institute Russia SCP Cement Production line (5000t/d, raw meal silo, cement silo)	59.Zhejiang Leomax Special Cement Group Co., Ltd.(5000t/d, raw meal silo)	142.Zhonglian Cement Xinan Zhonglian Cement 4500t/d clinker cement production line (Manager Zhao 13969967570)
25.Tianjin Institute Russia Tula Cement Plant (5000t/d, raw meal silo, cement silo)	60.Zhejiang Jinlong Cement Co., Ltd.(5000t/d, raw meal silo)	143.Shandong Lunan Cement Co., Ltd.(5000t/d, raw meal silo)
26.Tianjin Institute Malaysia HUME Co.,Ltd second stage 5000t/d clinker cement production line project (Manager Yu 13072061216)	61.Zhejiang Jianfeng Dengcheng Cement Co., Ltd.(5000t/d, raw meal silo)	144.Shandong Zibo Mining Group Bucun Mining Cement Co., Ltd.(1000,000t/y cement grinding station)
27.Zhejiang Industry equipment Co.ltd White Russia cement production line(500t/d, raw material silo)	62.Zhejiang Fuyang Qianchao Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	145.Shandong Zibo Mining Group Donghua Cement Co.,Ltd.(2000,000t/y, cement grinding station)
28.Tianjin Institute Malaysia Second Line second added supplemental agreement (Heyan 022-26915772)	63.Zhejiang Linan Jinyuan Cement Co., Ltd.(5000t/d, cement silo)	146.Shandong Conglin Group Company(2500t/d raw meal silo, cement silo)
29.Tianjin Institute Egypt GOE project cement silo (Manager He 15022122810)	64. Zhejiang Leomax Group Tonglu LeomaxBuilding Material Co., Ltd. First Stage(2500t/d, raw meal silo)	147.Shandong Longkou Lingang Cement Co., Ltd (1000,000t/y, cement grinding station)
30.Tianjin Institute Vietnam Xining Cement Production line (4000t/d raw meal silo, cement silo)	65.Zhejiang Leomax Group Tonglu Leomax Building Material Co., Ltd. Second Stage(2500t/d, raw meal silo)	148.Shandong Aluminum Company Cement Plant First Stage (2500t/d, raw meal silo, cement silo)
31.Tianjin Institute KazakhstanCement Production line (2500t/d, raw meal silo, cement silo)	66.Zhejiang Yulang Cement Co., Ltd.(2500t/d, raw meal silo)	149.Shandong Aluminum Company Cement Plant Second Stage (4500t/d, raw meal silo, cement silo)
32.Tianjin Institute Kazakhstan standard cement Co.,Ltd cement production second line project 1,000,000tons/year (Manager Wang 13821175903)	67.Zhejiang Changxing Meishan Zhongsheng Cement Co., Ltd.(5000t/d, 2sets of raw meal silo)	150.Shandong Rizhao Rongan Building Material Co., Ltd.(2500t/d, raw meal silo)
33.Tianjin Institute Alberto Anqing White Cement Production line (400,000 t / y, raw meal silo, cement silo)	68.Zhejiang Changxing Xiaopu Zhongsheng Cement Co., Ltd.(2500t/d, raw meal silo)	151.Shandong Zaozhuang Zhonglian Luhong Cement Co., Ltd. First Stage (2500t/d, raw meal silo)
34.Tianjin Institute VietnamVINA-KANSAI Cement Plant (2500t/d, raw meal silo, cement silo)	69.Zhejiang Jinxing Cement Co., Ltd. (5000t/d, raw meal silo)	152.Shandong Zaozhuang Zhonglian Luhong Cement Co., Ltd. Second Stage (2500t/d, raw meal silo)
35.Tianjin Institute F134-QUAN TRIEUCEMENT PLANT Vietnam Guanchao Cement production line (2000t/d) (Al Jun 13920169800)	70.Zhejiang Longyou Dushan Group Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	153.Shandong Aluminum Company Cement Branch(3000t/d, raw meal silo, cement silo)
36.Tianjin Institute.Vietnam tonglin(5000t/d, Liuyong,022-26915771)	71.Zhejiang Jiangshan Hejashan Cement Co., Ltd.(2500t/d, raw meal silo)	154.Shandong Laiwu Steel Company Lubi Building Material Co.,Ltd.(1200t/d,raw meal silo, old solenoid valve replacement)
37.Tianjin Institute Indonesia BANYUWANGI cement grinding station project (Xu Zhongsheng 13821386520)	72.Hangzhou Xiaoshan Changhe Cement Co., Ltd.(2500t/d, raw meal silo)	155.Shandong Jinghua Group Dezhou Daba Cement Co., Ltd.(2500t/d, raw meal silo)
38.Tianjin Institute Iraq LUCKY cement grinding station engineering project 120TPH (Xu Zhongsheng 13821386520)	73.Zhejiang Huying Cement Co., Ltd.(2500t/d , raw meal silo)	156.Shandong Liuyuan Cement Co., Ltd.(5000t/d, raw meal silo)
39.Tianjin Institute F175-BATURAJA CEMENT PROJECT (PLANT II) Indonesia Baturaja project (Yu Jialian 022-26916719)	74.Zhejiang Zhonglida Cement Co., Ltd.(600t/d, raw meal silo)	157.Shandong Shenfeng Cement Co., Ltd.(5000t/d, raw meal silo)
40.Sinoma construction Saudi SINOMA-UACC-M-C-045 (Manager Nie 18701279315)	75.Zhejiang Minhang Shangfeng Cement Co.,Ltd	158.Shandong Shenfeng Cement Group Co., Ltd.(Cement grinding station)
41.Tianjin Institute European Cement Micha Tons Line project and its supplemental agreements (Manager Zhang 022-26915772)	76.Zhejiang Haolong building materials Co.,Ltd 4000t/d cement production line project (Manager Lu 13867036333)	159.Shandong Shanshui Group Qingzhou Zhonglian Luhong Cement Co., Ltd.(2x6000t/d, raw meal silo cement silo)
42.Tianjin Institute F183-Turkey Votorantim Cimentos Sivas Plant cement production line (Xu Jinbei 022-26915771)	77.Zhonglian Julong Huaihai Cement Co., Ltd.(old cement silo rebuild)	160.Shandong Conglin Group Company Second line(5000t/d raw meal silo, cement silo)
43.Sinoma construction Saudi SINOMA-UCIC-M-C-003 5000t/d EPC engineering project (Manager Nie 18701279315)	78.Zhonglian Julong Cement(Sugian)Co., Ltd.(2000,000t/y, cement grinding station)	161.Shandong Shan Aluminum Cement Co., Ltd.(4000t/d cement silo)
44.Sinoma construction Saudi SINOMA-UCIC project supplemental agreements (Manager Shang 15810267318)	79.Zhonglian Julong Cement(Fuyang)Co., Ltd.(2000,000t/y, cement grinding station)	162.Shandong Weiyang Group Co., Ltd. (3200t/d raw meal silo, cement silo)
45.Sinoma construction South Africa PPC Slurry Kiln 9#3000t/d cement production project (Manager Shang 15810267318)	80.Zhonglian Julong Huaihai Cement Co., Ltd.(5000t/d, raw meal silo, old electric ball valve replacement)	163.Shandong Luzhu Cement Co., Ltd(4000t/d Raw meal silo)
46.Nanjing Kaisheng Saudi Arabia AL-JOOFCEMENT PROJECT (5000t/d raw meal silo, cement silo)	81.Jiangsu Tianshan Cement Co., Ltd. Liyang Branch(5000t/draw meal silo)	164.Shandong Juzhou Cement Co.,Ltd(5500t/d)
47.Nanjing Kaisheng Vietnam Yishan Cement plant expansion project(6000t / d, raw meal silo, cement silo)	82.Jiangsu Panshi Cement Co., Ltd.(5000t/d, raw meal silo)	165.Dalian Tianrui Cement Co.,Ltd 1,000,000tons cement grinding project (Manager Niu 0411-85280862)
48.Nanjing Kaisheng International Engineering Co.,Ltd KANTHAN PLANT cement grinding station system (Manager Zhang 025-86214888-8355)	83.Jiangsu Yangzi Cement Co., Ltd.(2500t/d, raw meal silo)	166.Nanjing Kaisheng Tai'an Zhonglian 5000t/d neotype dry-process cement (World's Low-energy Consumption Demonstration Line)(Manager Zhou 13705167263)
49.Hefei Institute Saudi Arabia NAJRAN Cement Co., Ltd. (3000t/d, raw meal silo, cement silo)	84.Jiangsu Yixing Jinshu Cement Co., Ltd.(2500t/d, raw meal silo)	167.Chengdu.Shandong Zaozhuang Dongyuan Cement Co.,Ltd.(3000t/d, cement silo)
50.Hefei Institute Chile South America LAFARAGE grinding station	85.Jiangsu Xuzhou Hushan Cement Co., Ltd. (cement grinding station)	168.Hefei Institute Shandong Qingdao Lunan Hongshan Cement Co.,Ltd.(2000,000t/y, cement grinding station)
51.Hefei Institute Saudi Arabia NORTH Cement Co., Ltd.(NRCC) (6000t / d raw meal silo, cement silo)	86.Jiangsu Hanzhong Raobo Cement Co.,Ltd.(Ku nshan) First Stage(2500t/d, raw meal silo)	169.Hefei Institute Shandong Heze Lunan Hongshan Cement Co.,Ltd.(1000,000t/y, cement grinding station)
52.Hefei Institute Saudi Arabia NAJRAN Cement Co., Ltd. (6000t/d, raw meal silo, cement silo)	87.Jiangsu Nantong Yawei Machinery Co.,Ltd	170.Jidong Cement(Yantai) Co., Ltd.
53.Hefei Institute Lafarge Indonesia LHOKNGAcement plant reconstruction	88.Jiangsu Hengyuan Machinery Manufacturing Co.,Ltd White Russia project (5000t/d cement clinker production line, Yang Liuqing 0514-85188633)	171.Jiangxi Jiujiang Xinshan Cement Co., Ltd.(2500t/d, raw meal silo cement silo)
54.Hefei Institute Jordan Cement Co., Ltd.	89.Jiangsu Hengyuan International Engineering Iraq Caraccio 6000TPD project (Manager Han 0514-85338385)	172.Jiangxi Huanyu Cement Co., Ltd.(2500t/d, raw meal silo)
55.Hefei Institute SudanCement Co., Ltd.	90.Jiangsu Hengyuan Machinery Co.,Ltd	173.Jiangxi Tianfeng Building Material Co., Ltd.(1500t/d, Coal-powder burner)
56.Zhejiang Sinoma Engineering Design Institute Baoshan Kungang Jiahua cement building Co.,Ltd	91.Zhonglian Cement Jlangs Pizhou cement 800,000tons/year grinding station technical upgrading project (Manager Zhang 13585360778)	174.Jiangxi Wannianqing Cement Shares Co., Ltd.(1500t/d, Coal-powder burner)
57.Huayuan Chuangshi (Beijing) Engineering Technology Co.,Ltd-Iran Sepehr 3500t/d project (Manager Wei 18601955095)	92.Nanjing xipu Cement Engineering Group Co., Ltd(raw meal silo)	175.Jiangxi Jinxi Cement Co., Ltd.(2750t/d, Clinker production line)
58.Nanjing Xipu VietnamVINA-KANSAI Cement Company(2500t/d, raw meal silo,cement silo)	93.Nanjing Sinoma Cement Spare Part Co.,Ltd Iraq GCC 5300t/d cement production project (Li Bingbing 025-66036669)	176.Jiangxi Jiujiang Lanfeng Cement Co.,Ltd (2500t/d, Clinker production line)
	94.Suqian Zhonglian Cement Co., Ltd. (Cement Grinding Station)	177.Beijing Sanhe Yanxin Buiding Material developing Co., Ltd.(2500t/d,raw meal silo)
	95.Pinghu Zhonglian Cement Co.,Ltd (MrYan:15269935005)	178.Tianjing Haide Runzi Weifen Product Co., Ltd.
	96.Qingzhou Zhonglian Cement Co.,Ltd (Mr Zhang:15054426669)	179.Hebei Jinlong Cement Group Co.,Ltd.(2500t/d, raw meal silo)
	97.China Sinoma International Engineering Co., Ltd.	180.Hebei Tangshan Longfeng Cement Co., Ltd. (2500t/d, raw meal silo)
	98.Suzhou Sinoma. Ningxia Qingtongxia Cement Share Co., Ltd. (cement grinding station)	181.Hebei Tangshan Jidong Cement Co., Ltd. Fengrun Company (3x5000t/d)
	99.SINOMA Suzhou .Tianshui SINOMA Cement Co., Ltd. SNP cement production line 2x2500t/d the second item	
	100.SINOMA Suzhou .Tianshui SINOMA Cement Co.. Ltd. SNP cement production line 2x2500t/d the second item	
	101.SINOMA Suzhou. Anhui Yingpu Jinlong Cement Co., Ltd(2500 thousand per year grinding station).	
	102.SINOMA Suzhou .Niaohai Saima Cement Co., Ltd(2500t/d,raw meal silo).	
	103.Suzhou Sinoma Guangxi Duan Yufeng Xijiang cement Co.,Ltd neotype dry-process cement production line technical upgrading and expansion	

182.Hebei Tangshan Dunshi architecture engineering Co.,Ltd	229.Jidong Heidelberg (Fufeng) Cement Co., Ltd. (300,000t/y cement grinding station)	267.Sichuan Deyang Lisen Cement Co., Ltd.(2500t/d, raw meal silo,cement silo)	311.Guizhou Fuquan Lisen Cement Co.,Ltd (3200t/d)
183.Jidong Cement Tangshan Dunshi Building Engineering Share Co.,Ltd	230.Jidong (Fengrun Thrid Stage) Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	268.Sichuan Dazhou Lisen Cement Co., Ltd.(4000t/d, raw meal silo, cement silo)	312.Guizhou Bijie Jiangtian Cement Co.,Ltd(3200t/d)
Tianshi City Tianxiang 2500t/d project (Manager Guo 13933365903)	231.Jidong Heidelberg (Jingyang) Cement Co., Ltd. Second Stage(5000t/d, raw meal silo, cement silo)	269.Sichuan Lisen Building Materials Group Co., Ltd.(Shenfang)(4500t/d,raw meal silo, cement silo)	313.Guizhou Yongfugui Cement Co.,Ltd 6000t/d project (Manager Rao 15716002888)
184.Tangshan Jidong Cement Sanyou Co., Ltd.( raw meal silo,cement silo)	232.Jidong Heidelberg (Fufeng) Cement Co., Ltd. Second Stage(5000t/d raw meal silo, cement silo)	270.Sichuan Xichang Hangtian Cement Co., Ltd.(2500t/d, raw meal silo,cement silo)	314.Suzhou Sinoma, Guizhou Cement Plant
185.Pingquan Jidong Cement Co., Ltd	233.Gansu Lanzhou Gancao Environment Protection Building Material Co.,Ltd(2500t/d, raw meal silo)	271.Sichuan Jinping Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	315.Tianjin Institute. Lafarge Guizhou Sancha (SNP)(5000t/d)
186.Laishui Jidong Cement Co., Ltd.	234.Gansu Gangu Qilianshan Cement Share Co., Ltd.	272.Sichuan Yibin Tianyuan Special Cement Co., Ltd. (1500t/d, raw meal silo)	316.Tianjin Institute. Lafarge Ruian Cement Co., Ltd. Zunyi Sancha Cement production line (4600t/d)
187.Yangquan Jidong Cement Co., Ltd.	235.Gansu Qilianshan Cement Group Co., Ltd. Qinghai project	273.Sichuan Panzhihua Earth Huanye Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	317.Tianjin Institute Lafarge Duijiangyan Third Production line (DJY3)
188.Baotou Jidong Cement Co., Ltd.	236.Gansu Qilianshan Cement Group Co., Ltd. Yongdeng project	274.Sichuan Jinding Group Emei Mountain Special Cement Co., Ltd.(4500t/d, raw meal silo, cement silo)	318.Guangxi Guidong Nanyan Cement Co., Ltd. (1500t/d, raw meal silo)
189.Hebei Zhoushi Cement Co., Ltd. (5000t/d, raw meal silo)	237.Gansu Yilianshan Cement Group Share Co.,Ltd Lanzhou Grinding Station	275.Sichuan Xingchuancheng Cement Co., Ltd.(2500t/d, raw meal silo,cement silo)	319.Guangxi Pingnan Resources Yufeng Cement Co., Ltd.(2X5000t/d, raw meal silo, cement silo)
190.Hebei Yanzhao Cement Co., Ltd. (5000t/d, raw meal silo)	238.Gansu Qilianshan Cement Co., Lid.(Mr Zhang:0938-5892439)	276.Sichuan Nanwei Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	320.Suzhou Sinoma Guangxi Hechi Guotou Yufeng 2500t/d clinker neotype dry-process cement technical upgrading project (Manager Liang 15962637613)
191.Hebei Dingxin Cement Co., Ltd.	239.Gansu Jinglan Cement Co., Ltd.(4600t/d)	277.Sichuan Hongya Yasen Cement Co., Ltd.(2500t/d, raw meal silo,cement silo)	321.Guangxi Huarun Hongshuihe Cement Co., Ltd.(3200t/d, raw meal silo)
192.Hebei Tangshan Hongtai Cement Co., Ltd.(4000t/d,raw meal silo)	240.Ningxia Saima Lanshan Cement Co., Ltd.(2500t/d, raw meal silo)	278.Sichuan Chengshi Tianying Cement Co., Ltd.(3200t/d, raw meal silo)	322.Guangxi Pinggui Feidie Share Co., Ltd.(1200t/d, raw meal silo)
193.Zhonglian Cement Dongguang County Qunguang 1,200,000tons/year cement grinding station relocation and technical upgrading project (Manager Wang 15030778918)	241.Ningxia Saima Industry Dawukou Grinding station(500,000t/y , cement grinding station)	279.Sichuan Yinbin Haifeng Herui Cement Co., Ltd.(Cement silo)	323.Guangxi Huarun Cement Guigang Co., Ltd.(5000t/d, bulk cement silo)
194.Tangxian Jidong Cement Co., Ltd. (Raw Meal silo, cement silo, fly ash silo)	242.Suzhou Sinoma Ningxia Saima Industry Share Co., Ltd.( Kiln system raw meal silo)	280.Sichuan Mianzhu Aodong Cement Co., Ltd. (2500t/d)	324.Guangxi Huarun Nanning Cement Co., Ltd.(5000t/d, raw meal silo,cement silo)
195.Jidong Cement Luanxian Co., Ltd. (Raw Meal silo, cement silo)	243.Ningxia Xixia Tianjie Cement Co., Ltd.	281.Tianjin Institute. Lafarge Duijiangyan 3rd Line (DJY3) (5000t/d)	325.Suzhou Sinoma Kharachin Prairie Cement LLC 4500t/d clinker production line (Manager Liang 15962637613)
196.Henan Tongli Cement Co., Ltd.(5000t/d, raw meal silo)	244.Suzhou Sinoma Ningxia Qingtongxia Cement Share Co., Ltd. (raw meal silo, cement silo)	282.China Railway 23 Bureau East Sichuan Cement Plant(2500t/d, raw meal silo, cement silo)	326.Guangxi Lingui Zhongyang Cement Co.,Ltd 2X900,000tons/year cement grinding +300,000tons superfine slag powder technical upgrading project (Manager Wang 13737387858)
197.Henan Tianrui Group Guangshan Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	245.Ningxia Saima Industry Share Co., Ltd. (2x2500t/d,Raw meal silo Cement silo)	283.Chongqing Tenghui Group Diwei Cement Co., Ltd.( 2500t/d, raw meal silo)	327.Xinjiang Tianshan Cement Share Co.,Ltd Tarim Branch cement grinding station (Manager Shi 15009080032)
198.Henan Tianrui Group Liaoyang Tianrui Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	246.Suzhou Sinoma Hanzhong Mianxian Yaobo Cement Co., Ltd. (2500t/d,raw meal silo,)	284.Chongqing Tenghui Group New-type Building Material Co., Ltd.(Slag Powder grinding station, cement silo, slag powder silo)	328.Xinjiang Kuche Cement Co., Ltd. (1500t/d, raw meal silo)
199.HenanTianrui Group Liaoyang Ningling Cement Co., Ltd.	247.Nanjing Institute.Guangdong TCC(Britain/Germany) Co.,Ltd.(2x50000t/d, raw meal silo, cement silo)	285.Chongqing Tenghui Special Cement Co., Ltd.(2500t/d, raw meal silo)	329.Xinjiang Akesu Tianshan duolang Cement Co.,Ltd (4500t/d)
200.Henan Tongli Cement Co., Ltd.(2500t/d, raw meal silo, dispatched in bulk)	248.Suzhou Sinoma Guangdong Dongguan Resources Co.,Ltd.(2x500,000t/d, Slag grinding production line)	286.Chongqing Jinjiang Cement Co., Ltd.(2500t/d, raw meal silo)	330.Keshen Tianshan Cement Co., Ltd.(Hou Pengfei 18799894166)
201.Henan Luoyang Yellow River Tongli Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	249.Tianjin.Guangdong Yunan Yueying Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	287.Chongqing Jianhe Stone Powder Co.,Ltd.(Stone Powder silo)	331.Yecheng Tianshan Cement Co., Ltd.( Yao Gang 0998-7486059/15199336334)
202.Henan Xinxiang Pingyuan Cement Co., Ltd.(5000t/d, raw meal silo)	250.Tianjing-Guangdong Youkeng Cement Co., Ltd.(4500t/d raw material silo,Ms Chen:022-26915493)	288.Yili Tianshan Cement Cement Co., Ltd.( cement silo, raw meal silo)	332.Chengdu Institute Kuche Tianshan Cement Co.,Ltd 5000t/d (Manager Cheng 13909970639)
203.Henan Zhumadian Yulong Cement Co., Ltd.(5000t/d, raw meal silo cement silo)	251.Guangdong Sihui Junma Cement Co., Ltd.(2500t/d, raw meal silo cement silo)	289.ChongqingTianzhu Cement (Group) Co., Ltd.	333.Chengdu Institute Luopu Tianshan Cement Co.,Ltd 5000t/d (Manager Cheng 13909970639)
204.Henan Zhumadian Yulong Xinyang Cement Co., Ltd.(cement grinding station)	252.Guangdong Shijing Deqing Cement Co., Ltd.(2500t/d, raw meal silo)	290.Chongqing Wanzhou Kehua Cement Co., Ltd.(5000t/d, raw meal silo)	334.Chengdu Institute Yunwei Baoshan Organic Chemical -Carbide Slag Comprehensive Utilization 3000t/d clinker cement project (Manager Yang 13540841500)
205.Henan Jiaozuo Zhongjing Cement Co., Ltd.	253.Huarun Cement (Fengkai) Co., Ltd. (6x4500t/d, Cement silo)	291.Chongqing Shizhu Kehua Cement Co., Ltd.(4800t/d, raw material silo)	335.Xinjiang Tianji Cement Co., Ltd.(3000t/d, cement silo ,raw meal silo)
206.Henan Pingdingshan Ruiping Shilong Cement Co., Ltd. (2x5000t/d raw meal silo)	254.Huarun Cement (Tianyang) Co., Ltd. (4500t/d, ganfa cement production line, Huang Kegui,0776-3286812)	292.Jidong Cement Chongqin Hechuan Co.,Ltd.	336.Tianjin Institute Xinjiang Yining 3000t/d clinker cement production line (Xu Zhongsheng 13821386520)
207.Henan Weihui Tianrui Cement Co., Ltd ( 5000t/d, raw meal silo cement silo)	255.Huarun Cement (Luchuan) Co., Ltd. (2x4500t/d, ganfa cement production line, Yang Jianpei,0775-5700655)	293.Chongqin Chongchi Wuzi. Sichuan province Hongya Yasen Cement Co.,Ltd (2500t/d, Heqin:023-47211163)	337.Suzhou Sinoma Hamixin Tianshan Cement LLC (Yang Xiaowen 15209026213)
208.Henan Weihui Tianrui Cement Co., Ltd.10000,000t Cement Grinding Station	256.Huarun Cement(Wuxuan) Co., Ltd. (4500t/d, ganfa cement production line, Liang Hailiang, 0772-5216108)	294.Jidong Cement Chongqin Jiangjin Co.,Ltd (Liu Hailong,023-85530095)	338.Suzhou Sinoma Turpan Tianshan (3000t/d, Manager Liang15962637613)
209.Henan Dadi Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	257.Huarun Cement (Yongding) Co., Ltd. (4500t/d, ganfa cement production line, Liu Wenjie,0597-5206113)	295.Yunnan Dali Hongshan Cement Co., Ltd.(1200t/d, raw meal silo)	339.Suzhou Sinoma Emin Tianshan (3000t/d, Manager Liang15962637613)
210.Henan Yi Coal Group Tengyue Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	258.Huarun Cement (Fengkai) Co., Ltd. (4500t/d, ganfa cement production line, Feng Dehua,0758-6882353)	296.Yunnan Pu'er City Lancang Sanhuan Cement Co.,Ltd 3200t/d clinker cement production line project (Manager Yang 13576206388)	340.Suzhou Sinoma Fuyun Tianshan (3000t/d, Manager Liang15962637613)
211.Henan Hui town Sun Stone Cement Co., Ltd.(2500t/d, raw meal silo)	259.Huarun Cement (Guizhou Jinsha) 4500t/d clinker decomposition outside kiln dry-process production line project (Manager Jiang 18980940960)	297.Yunnan Dali Hongshan Cement Co., Ltd. Second stage(raw meal silo cement silo)	341.Suzhou Sinoma Xinjiang Tunhe (4000t/d, Manager Liang15962637613)
212.Henan Dengzhou Huazhou Building Material Co., Ltd.(3200t/d)	260.Huarun Cement(Yunnan Midu) 4500t/d clinker decomposition outside kiln dry-process production line project (Manager Wu 13820734656)	298.Yunnan Kungang Jiahua Baoshan Shidian Cement Co., Ltd.(3000t/d,raw meal silo, cement silo)	342.Suzhou Sinoma Hami Tianshan (Manager Zen 0512-55183634)
213.Henan Pingmei Group Building Material Plant.(Cement grinding station)	261.Huarun Cement (Jiangmeng) grinding station (Manager Gao 13752563887)	299.Yunnan Hongta Group Dianxi Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	343.Kezhou Tianshan Cement LLC (5000t/d raw material silo, cement silo)
214.Henan Tianrui Xingyang Cement Co., Ltd.(12000t/d)	262.Huarun Cement (Lianjiang) Fengcheng Cement Co.,Ltd 2,000,000tons clinker neotype dry-process cement clinker technical upgrading project (Manager Yao 13428137546)	300.Yunnan Sande Heqing Cement Co., Ltd.(2500t/d, raw meal silo)	344.Dalian Tianrui Cement Co., Ltd. First Stage(5000t/d, raw meal silo,cement silo)
215.Tianrui Group Nanzhao Cement Co.Nantong, Ltd. (4500t/d, Raw Nantongmeal silo, Cement silo)	263.Fujian Cement Co., Ltd. Mineral Refining Cement Factory(2500t/d,raw meal silo)	301.Yunnan Dali Building Material Industrial Co.,Ltd (2500t/d, raw material silo)	345.Dalian Tianrui Cement Co., Ltd. Second Stage(5000t/d, raw meal silo,cement silo)
216.Henan Pingdingshan Yaodiandian Cement Co., Ltd.(120,000,0t/y, Cement grinding station)	264.Fujian Sangang Group (Longhai)Mineral powder Grinding Station	302.Yunnan Suijiang Chimney Zhepu Cement Co., Ltd. 1500t/d	346.Dalian Cement Group(4000t/d, raw meal silo)
217.Henan Yongan Cement Co., Ltd.	265.Fujian Wannian Cement Co.,Ltd.(3200t/d, raw meal silo)	303.Yunnan Nanlin Group Cement Project	347.Dalian Golden Bank New Building Material Co., Ltd.(Cement Grinding Station)
218.China United Cement Co., Ltd. Nanyang Branch Second Stage(5000t/d, raw meal silo, cement silo)	266.Fujian Yongding Minfu Building Material Co., Ltd. (2500t/d, raw meal silo)	304.Yunnan Wandeli Group Eshan Hongfeng Building Materials Co.,Ltd.(2500t/d, raw meal silo,cement silo)	348.Northern Heavy Industries Co.,Ltd Jingang Cement Tieling Co.,Ltd clinker cement production line 4000t/d (Manager Ge 13843709829)
219.Henan Xichuan Zhonglian Cement Co., Ltd.	267.Suzhou Shanxi Raobo Special Cement Co., Ltd Pucheng (raw meal silo)	305.Tianjin Institute Guizhou Linshan Yaobai 3200t/d cement production line (Xu zhongsheng 13821386520)	349.Liaoning Tieling Tieixin Cement Co., Ltd,( 2500t/d, raw meal silo)
220.Henan Zhengzhou Xindeng Group Cement Co., Ltd. (8000t/d, raw meal silo, cement silo)	268.Suzhou Shanxi Raobo Special Cement Co., Ltd (raw meal silo)	306.Guizhou Orchid Cement Co., Ltd.(2500t/d, raw meal silo)	350.Liaoning Lingyuan Yuanquan Cement Co., Ltd.(Cement Grinding Station)
221.Henan Jinrong Cement Co., Ltd. (5000t/d, raw meal silo, cement silo)	269.Suzhou Shanxi Raobo Special Cement Co., Ltd (2500t/d cement production line. Mr Zhang:0916-6463518)	307.Guizhou Puding Mingda Cement Co., Ltd.(1200t/d, raw meal silo, cement silo)	351.Liaoyang Chengxing Cement Manufacturing Co., Ltd.(Cement
222.Dengfeng city Songji Cement Co., Ltd.	270.Suzhou Shanxi Raobo Special Cement Co., Ltd (2500t/d cement silo)	308.Guizhou Haolong Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)	
223.YuZhou City Jinxin Cement Co., Ltd. (5000t/d)	271.Suzhou Shanxi Raobo Special Cement Co., Ltd (2500t/d cement silo)	309.Guizhou Qinnanzhou Huishui Taian Cement Co., Ltd.(7500t/d)	
224.Guangyu Group. Shanxi Fuping Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)	272.Suzhou Shanxi Raobo Special Cement Co., Ltd (2500t/d cement silo)	310.Guizhou Dafang Yonggui Building material Co., Ltd.(2500t/d)	
225.Jidong Cement Fengxiang Co., Ltd.(raw meal silo)	273.Suzhou Shanxi Raobo Special Cement Co., Ltd (2500t/d cement silo)		
226.Suzhou Shanxi Raobo Special Cement Co., Ltd Pucheng (raw meal silo)			
227.Hanzhong Xixiang Raobo Special Cement Co., Ltd. (2500t/d cement production line. Mr Zhang:0916-6463518)			
228.Suzhou Sinoma Xi'an Lantian Cement Co., Ltd. (2500t/d cement silo)			

Grinding Station)  
 352.Liaoyang Qianshan Cement Co., Ltd.(4000t/d, raw meal silo)  
 353.Liaoyang Tianrui Cement Co., Ltd.(5000t/d, raw meal silo)  
 354.Liaoning Chaoyang North Heavy Machinery Co., Ltd. Vietnam  
 Qinglian Cement Production Line  
 355.Liaoning Changqing Cement Co., Ltd.(2x4500t/d, raw meal  
 silo,cement silo)  
 356.Liaoning Fushan Cement Co., Ltd.  
 357.Jilin Liaoyuan Jingang Cement Plant First Stage(5000t/d, raw meal  
 silo)  
 358.Jilin Liaoyuan Jingang Cement Plant Second Stage(5000t/d, raw meal  
 silo)  
 359.Jilin Jingang Group Baishan Cement Co., Ltd.(5000t/d, raw meal silo)  
 360.Jilin Yatai Jinlu Cement Co., Ltd.(2500t/d, raw meal silo)  
 361.Jilin Jinyuan Cement Co., Ltd.  
 362.Qinghai Huzhu Jinyuan Cement Co., Ltd. (2500t/d, raw meal silo, cement silo)  
 363.Qinghai New Building Materials Industry & Trade Co., Ltd.  
 (2000t/d,Raw meal silo, Cement silo)  
 364.Heilongjiang Daqing Mengxi Cement Co., Ltd. (Cement Grinding  
 Station)  
 365.Heilongjiang Haolianghe Cement Co., Ltd.(4000t/d Raw meal silo ,  
 Cement silo, Coal Ash silo, Slag powder silo)  
 366.Handan Sinoma Heilongjiang Binzhou Cement Co., Ltd.(5000t/d, raw  
 meal silo)  
 367.Yatai Group Haerbin Cement Co., Ltd.(800,000t/y, Cement Grinding  
 Station)  
 368.Hainan Sanya Huasheng Tianya Cement Co., Ltd.(5000t/d,raw  
 meal silo, cement silo)  
 369.Hainan Changjiang Huasheng Tianya Cement Co., Ltd.(5000t/d,raw  
 meal silo, cement silo)  
 370.Hainan Changjiang Huasheng Tianya Cement Co., Ltd. Grinding station  
 371.Hainan Haidao Environmental Building Materials Co., Ltd.(Cement  
 Grinding Station)  
 372.Hainan Haidao Environmental Building Materials Co., Ltd.(Second  
 Stage Cement Grinding Station)  
 373.Chengmai Huasheng Tianya Cement Co., Ltd. (Cement grinding  
 station)  
 374.Inner Mongolia Jidong Cement Co., Ltd.(5000t/d,raw meal silo)  
 375.Inner Mongolia Arongqi Mengxi Cement Co., Ltd.(5000t/d,raw meal silo)  
 376.Inner Mongolia Xishui Chuangye Share Co., Ltd.(5000t/d,raw meal silo)  
 377.Inner Mongolia Second Stage Jidong Cement Co., Ltd.(5000t/d,raw  
 meal silo, cement silo)  
 378.Inner Mongolia Abagaqi Jidong Cement Co., Ltd.(5000t/d,raw meal  
 silo, cement silo)  
 379.Arongqi Mengxi Cement Co., Ltd. (1 million t/y cement grinding station)  
 380.Qingshui River Mengxi Cement (4500t/d,raw meal silo,Cement silo)  
 381.Inner Mongolia Xinguang Coal Group Etuoakei Huayue Building  
 Materials Co., Ltd.(5000t/d,raw meal silo, cement silo)  
 382.Inner Mongolia Mengxi Cement Co., Ltd  
 383.Inner Mongolia Mengxi Cement Co., Ltd qipan jing filiale  
 384.Inner Mongolia Tianao Cement Co., Ltd (4500t/, Wang Chunlin, 0471-  
 3430012)  
 385.Inner Mongolia Century Hengsheng Mining Industry LLC 4\*5000t/d  
 clinker production line supporting waste heat power generation project  
 (Manager Liu 18347447999)  
 386.Manzhouli Mengxi Cement Co., Ltd. 600,000 t/y annual output raw  
 meal silo  
 387.Hunan Liangtian Cement Co., Ltd.(2500t/d, raw meal silo, cement silo)  
 388.Hunan South Cement Co., Ltd.(2500t/d, raw meal silo)  
 389.Hunan Anren Nanteng Cement Co., Ltd.( 3200t/d cement production line  
 390.Hunan Shaofeng Building Material Co., Ltd.(2500t/d, raw meal silo)  
 391.Hunan Wugang Yufeng Cement Co., Ltd.(2500t/d, raw meal silo,  
 cement silo)

392.Hunan Linli Jidong Cement Co., Ltd.(5000t/d, raw meal silo, cement silo)  
 393.Hunan Shunyu Cement Co., Ltd.(2\*120,000.0t/a, cement grinding silo)  
 394.Hunan Dongan Xingyu Cement Co., Ltd.  
 395.Hunan Hengyang Jinshan Cement Co., Ltd.(2500t/d)  
 396.Hunan Shaofeng Nanfang Cement Co., Ltd.(2500t/d)  
 397.Yuanjiang East Cement Co., Ltd. (1 million t/y cement grinding station)  
 398.Suzhou Sinoma Hunan Xiangtan Niuli Cement Co., Ltd.(5000t/d, raw  
 meal silo, cement silo)  
 399.Suzhou Sinoma Vietnam Tongpeng(2500t/d, cement silo)  
 400.Suzhou Sinoma Iraq Sulaymaniyah (5300t/d, raw meal silo)  
 401.Suzhou Sinoma Iraq Sulaymaniyah second item (5300t/d, raw meal silo)  
 402.Suzhou Sinoma Iraq Sulaymaniya GCC 5000t/d clinker cement  
 production line engineering project (Manager Liang 15962637613)  
 403.Hunan Zhangjajie Juri Cement Co., Ltd.(2500t/d, raw meal silo)  
 404.Handan Sinoma Zhuzhou Cement Co., Ltd.(5000t/d, raw meal silo)  
 405.Hubei Laohekou Jigang Gemstone Cement Co., Ltd.(2500t/d, raw  
 meal silo)  
 406.Hubei Pengxiang Economic and Trade Development Co., Ltd. Egypt  
 project(2500t/d, raw meal silo)  
 407.Hubei Enshi Flying Dragon Cement Co., Ltd.(2500t/d, raw meal silo)  
 408.Hubei Jinglan Cement Co.,Ltd. (5000t/d)  
 409.Hebei Jinglan Cement Co.,Ltd.(5000t/d new dry cement production  
 line Hu Xinwei 1561865566)  
 410.Nanjing Kaisheng Taiyuan Chimera Cement Share Co.,Ltd Relocation  
 project (2X4500t/d neotype dry-process cement production line project first  
 stage, Manager Zhou 13705167263)  
 411.Shanxi Xishan Huatong Cement Co.,Ltd 5000t/d cement production  
 line (Manager Liu 13834510321)  
 412.Shanxi Yangquan Coal industry(Group)New-type Dry-process Cement  
 Porduction line technical improvement stage(2500t/d, raw meal silo)  
 413.Shanxi Zhongtiao shan Cement Co.,Ltd (2500t/d, raw material silo,  
 cement silo)  
 414.Shanxi Jigang Cement Co.,Ltd.(2500t/d, raw meal silo)  
 415.Shanxi Fulong Cement Co.,Ltd.(2x5000t/d, raw meal silo ,cement silo)  
 416.Shanxi Jigang Cement Co.,Ltd.,(2x2500t/d, raw meal silo, cement silo)  
 417.Shanxi Jigang Guanyu Cement Co., Ltd. (2x2500t/d,Raw meal silo  
 Cement silo)  
 418.Shanxi Taiyuan JinYuan Cement Co., Ltd.  
 419.Shanxi Jidong Cement Co., Ltd. (Raw meal silo, Cement silo)  
 420.Shanxi Datong Yunzhong Cement Co., Ltd. (4500t/d,Raw meal silo)  
 421.Shanxi Lucheng Zuoyuan Cement Co.,Ltd (4000t/d)  
 422.Xizang Gaozheng Building Materials Co., Ltd.(2500t/d, raw meal silo)  
 423.Tibet Gaozheng Building Materials Share Co.,Ltd Four-stage technical  
 upgrading engineering project (No.4 cement grinding system  
 expansion,Manager Dong 13518973168)  
 424.Xuanhua Jinyu Cement Co.,Ltd(200MT/Y,Zhang Manjiang  
 13701069720)  
 425.Qiryang Jinyu Cement Co.,Ltd (2500t/d , Tian Xiaofei 13723167901)  
 426.Gansu Yilianshan Cement Group Share Co.,Ltd Gulang, Zhangxian  
 Second stage project (4500t/d raw material silo, cement silo)  
 427.CNBM International Equipment Qiyuan Zhongliang (100 MT/Y)  
 428.CNBM International Equipment Zhao Zhuang Zhongliang (100 MT/Y)  
 429.Tengzhou Zhongliang Cement co.,Ltd (4600t/d raw meal and  
 cement silo)  
 430.China Sinoma International Indonesia Project  
 431.Xinjiang Donghu Building Co.,Ltd (3200t/d raw meal silo)  
 432.CNBM Internatinal Equipment Qiyuan Zhonglian (4500t/d)  
 433.CNBM International Equipment Qiyuan Zhonglian (4500t/d)  
 434.Yuzhou Zhongmian Cement Co.,Ltd(5000t/d)  
 435.Xuzhou Zhonglian Cement Co.,Ltd(10000t/d)  
 436.Sinoma overseas company Malaysia Bahau 5000T/D production line  
 437.Sinoma Tianjing branch Indonesia grinding station  
 438.Hefei institution, Lafarge, Indonesia after-tsunami reparation project.



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