

The Ceramic Tableware Plant Project

The Catalogue of Main Equipments



Jaw crusher



Type: TCPE/150X250

Capacity: 1000-2000kgs/hr

Jaw size: 250x150mm

Material of Jaw's: high manganese steel

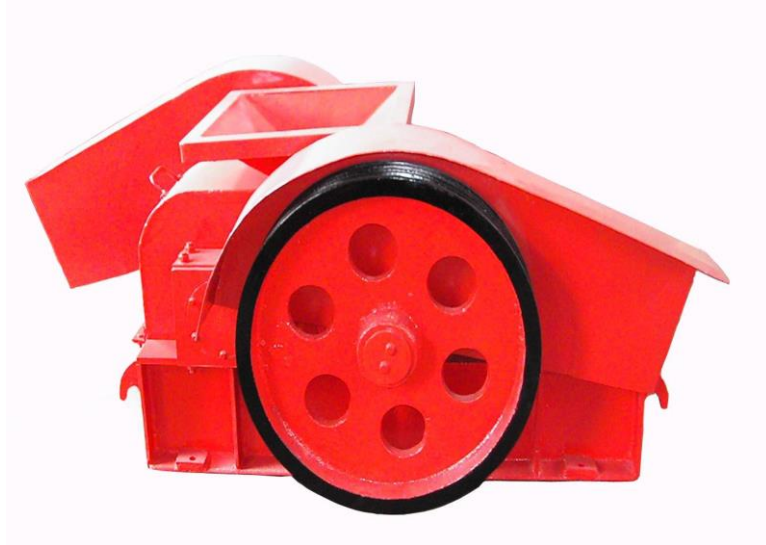
Max. input material's dia: 125mm

Output Dia. adjustment range: 10-40mm

Installed Power: 5.5kw

FOB Chinese main port USD6170/set

ROLLER CRUSHER



Type: TCGS/235XL300, Double stage

Capacity: 1000-2000kgs/hr

Roller materials: High Manganese Steel

Roller Size: Φ 235 x L300mm

Roller number: 2 pieces and one stage

The suitable body crushed: dia<3mm(hard body) and dia<20mm(soft body)

Installed Power: 4kw x 2

FOB Chinese main port USD9114/set

ELECTRNIC SCALE



Type:TCTS-2T
Max weight: 2000Kgs
Cale: 2KG
Work station size: : 1500×1200mm
Accuracy class: grade 3
FOB Chinese main port USD3646/set

CARGO LIFTING



Type:TCTJ/3T

Lifting capacity: 3000KGS

Net lifting capacity: 2000KGS

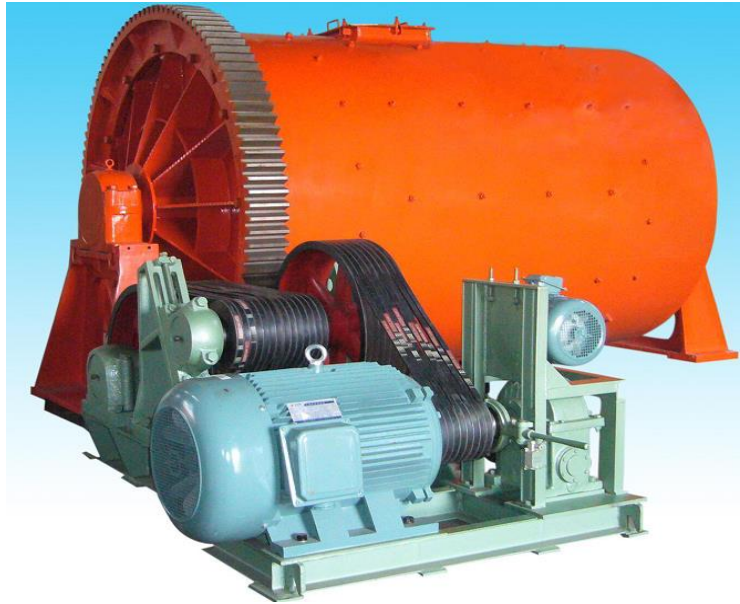
Lifting height: : 6Meters

Power: 4KW

FOB Chinese main port USD16933/set

BALL MILL

(Gear type transmission)



4000Kgs Gear type Ball mill (With silex lining and driving set)

Type :TCIF/4T

The running speed of the drum: 18rpm

Capacity 2400kgs/charge (Dry weight bases)

Size: Dia2200xL3200mm and 1650x1190x1060mm(Driving set)

Power: 30kw

Weight: about 14MT

FOB Chinese main port USD28582/set

2000kgs Gear type Ball mill (With silex lining and driving set)

Type: TCIF/2T

The running speed of the drum: about 18rpm

Capacity 1200kgs/charge (Dry weight bases)

Size: Dia.1900mmxL2300mm

The power: 18.5kw

FOB Chinese main port USD18700/set

BALL MILL

(Belt type transmission)



4000Kgs Belt type Ball mill (With silex lining and driving set)

Type :TCIF/4T

The running speed of the drum: 18rpm

Power: 30kw

Capacity: about 2400kgs material each time (on the dry materials basis)

Size: Dia2200xL3100mm and 1650x1190x1060mm(Driving set)

Weight: about 14MT

FOB Chinese main port USD20582/set

2000Kgs Belt type Ball mill (With silex lining and driving set)

Type:TCIF/2T

The running speed of the drum: about 18rpm

Capacity 1200kgs/charge (Dry weight bases)

Size: Dia.1900mmxL2300mm

The power: 18.5kw

FOB Chinese main port USD13671/set

BALL MILL (0.1 MT— 0.5MT)



Type:TCIF/0.1, 0.2, 0.3, 0.5T

dimension: 600×660, 830×1000, 910×1120, 1212×1350

The running Speed of the drum: 46, 35, 32, 30r/min

Motor power: 1.5, 2.2, 3, 4KW

With 90% high aluminum lining

FOB Chinese main port USD5658, USD6835, USD7975, USD13671/set

SLOW STIRRER



Type:TCIJ/2600

Motor power: 5.5KW

Blade and shaft are made by stainless steel

Installed Power: 2.2KW.

Stirring tank dimension: $\Phi 3000 \times 2600$ (Supplied locally)

FOB Chinese main port USD11355/set

VIBRATING SIEVE



Vibration Sieve (For slurry)

Type:YZSΦ1000

No. of screen stage:2

Screen Dia.:1000mm

Slip and glaze contact parts are made by stainless steel

Motor power: 1.5KW

FOB Chinese main port USD6911/set

Vibration Sieve (For Glaze)

YZSΦ630

No. of screen stage:2

Screen dia:630mm

Screen Mesh:1st 180mesh and 2nd 200mesh

Slip and glaze contact parts are made by stainless steel

Motor power: 1.5KW

FOB Chinese main port USD3968/set

MAGNETIC FERRO FILTER (FOR SLIP AND GLAZE)



Type:DSZC-190

Diameter of work chamber:φ190mm

Exciting power: 1.5KW

Exciting voltage: 48V

Magnetic flux density: 2.5T

Capacity: 5T/H

Selected particle: 60-400 mesh

Iron percentage of material: $\leq 0.5\%$

Iron percentage after magnetic separation: $\leq 0.02\%$

character of service: continuous

Temperature rise of winding: $\leq 60^{\circ}\text{C}$

Magnetic Power: 14000Gauss

Complete with silicon rectifier.

FOB Chinese main port USD11735/set

PLUNGER SLURRY PUMP



Type:TCBI140

pressure of slurry: 0-2.0Mpa

Flux of slurry: 0.5-9.5m³/h

Motor power: 11KW

FOB Chinese main port USD10450/set

HYDRAULIC FILTER PRESS



Type:TCYL750×80

with oil hydraulic pump and circulation system oil cylinder

high polymer filter plate: 80pieces

With filter cloths and nuts

Motor power: 3KW

FOB Chinese main port USD26537/set

Propeller Agitator (High speed)



Type:TCJJ/630

Effective volume: 1.7m³

Shaft & Propeller:

Stainless Steel made

Frame: Iron Steel

Motor power: 5.5KW

FOB Chinese main port USD5332/set

VACUUM PUG MILL (TWO SHAFTS)



Vacuum Pug Mill(Two Shafts)

TCIL250

Capacity: 3000-5000kg/h

Dia. Of spiral blade: 250mm

Power: 30KW

Complete with 2x-60 vacuum pump and hand manual cutting clay car

Contacting slip parts are made by stainless steel

FOB Chinese main port USD25253/set

VACUUM PUG MILL (THREE SHAFTS)



Vacuum Pug Mill(Three Shafts)

Type:TCIL400

Capacity: 7000kg/h

Diameter of screw: dia. 340mm
and dia. 400mm

power: 30KW

Complete with 2x-60 vacuum pump and hand manual cutting clay car

Screw and mian body are made by casting stainless steel

FOB Chinese main port USD73291/set

Pneumatically-Operated Diaphragm Pump



Pneumatically-Operated Diaphragm Pump.

Type:E4

Max. flux :200 (LPM);

Max working pressure: 8.3 (Bar);

Fluid interface:1-1/2" (F);

Air intake:1/2" (F)

Can be passed fluid partical:6.4 (mm)

weight(Kg): 23.1

FOB Chinese main port USD2582/set

Roller Head System Automatic Jigging Machine

(for large size plate and bowl products)



Type: T2GR02600A
Capacity: Max. 180 Pieces./hr.
Heating shaping Head: 1 heads, 3KW
Shaping Ware: \varnothing 600mm Max.(for Plate), \varnothing 350xH150mm Max.(for bowl)
Installed Power: 8.25KW.
Power supply: 50Hz, 380V/three Phase
Mold chucking: Vacuum chucking (by vacuum pump or pneumatic vacuum valve)
Temperature control: dial/digital
Move back and forth from the rolling head: 50mm
Complete with Vacuum Pump.
Quality guarantee: one year
FOB Chinese main port USD12850/set

Roller Head System Automatic Jiggering Machine

(for plate and bowl products)



Type: T2GR02400A
Capacity: Max. 400 Pieces./hr.
Heating shaping Head: 1 head, 3KW
Shaping Ware: \varnothing 400mm Max.(for Plate), \varnothing 250xH100mm Max.(for bowl)
Installed Power: 7.85KW.
Power supply: 50Hz, 380V/three Phase
Mold chucking: Vacuum chucking (by vacuum pump or pneumatic vacuum valve)
Temperature control: dial/digital
Move back and forth from the rolling head: 50mm
Complete with Vacuum Pump.
Quality guarantee: one year
FOB Chinese main port USD11108/set

Roller Head System Automatic Jiggering Machine

(for cup, plate and bowl products)



Type: T2GR07300A

Capacity: Max. 720 Pieces./hr.

Heating shaping Head: two heads, 2x3KW, with slitting system

Jigging ware: general inside & outside shaped ware(cup,mug,bowl,and plate) Shaping Ware: \varnothing 350mm Max.(for Plate), \varnothing 200xH100mm Max.(for bowl), H160mm Max. (for cup)

Installed Power: 9.89KW.

Power supply: 50Hz, 380V/three Phase

Mold chucking: Vacuum chucking (by vacuum pump or pneumatic vacuum valve)

Temperature control: dial/digital

Move back and forth from the rolling head: 8mm

Complete with Vacuum Pump.

Quality guarantee: one year

FOB Chinese main port USD11930/set

HYDRAULIC PRESS



Hydraulic press
Type:TCZY/30A
Capacity: 3-6pieces/min
Rated pressure: $2.00 \times 10^4 \text{N}$
impulse stroke: $\leq 300 \text{mm}$
Forming compressing time: adjustable
Forming preparation time: adjustable
power: 5.5Kw 960r/min
Dimension of working table (L×W) :650×470mm
Weight:2000kg
FOB Chinese main port USD13177/set

Jet dryer for Large plate & Bowl



Type:TCLG300
Size:L9200xW3300xH3700mm
Chain:L=50292mm, P=38.1mmx12Links
The number of basket:110pcs
Effective Drying Time:50-60 minutes
The Size of Plaster Mould:
Dia 340xH100 mm Max.
The Capacity: 700 Pcs
The total Quantity of Plaster Mould: 880 pcs
The Heat Consumption :300000 Kcal
The frame: by Steel Structure
FOB Chinese main port USD75880/set

Jet Dryer for middle size plate and bowl



Type:TCLG250
Size:L8000xW3300xH3700mm
Chain:L=43454mm, P=38.1mmx10Links
The number of basket:114pcs
Effective Drying Time:50-60 minutes
The Size of Plaster Mould: Dia 250xH90 mm Max.
The Capacity: 840 Pcs
The total Quantity of Plaster Mould: 1254 pcs
The Heat Consumption :300000 Kcal
The frame: by Steel Structure
FOB Chinese main port USD68120/set

Jet Dryer for cups



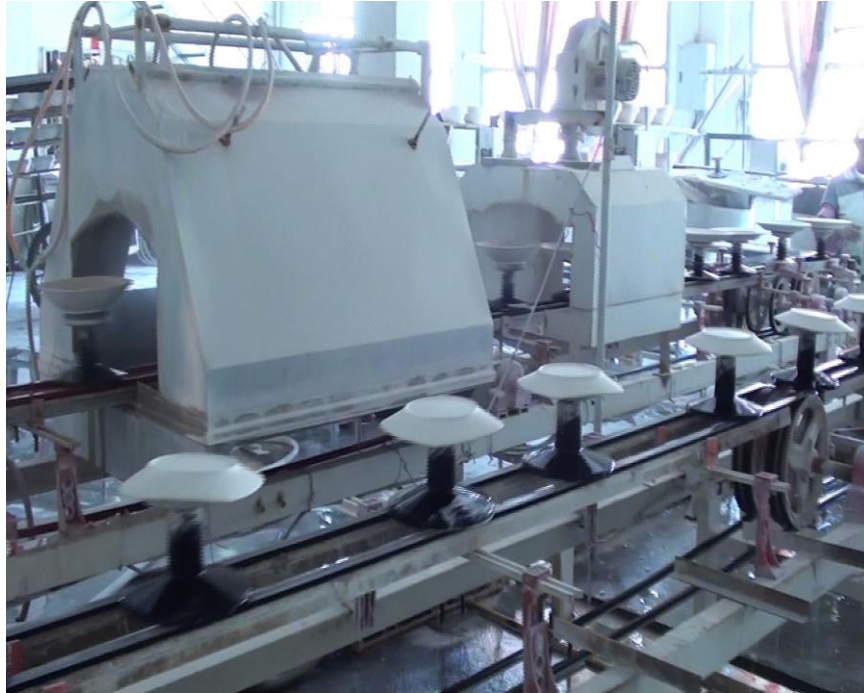
Type:TCLG250-1
Size:L4700xW3000xH1500mm
Chain:L=9715mm, P=38.1mmx9Links
The number of basket:28pcs
Effective Drying Time:7-11 minutes
The Size of Plaster Mould: Dia 220xH150 mm Max.
The Capacity: 800 Pcs
The total Quantity of Plaster Mould: 336 pcs
The Heat Consumption :50000 Kcal
The frame: by Steel Structure
FOB Chinese main port USD45095/set

SLIP VACUUM AGITATOR



Type: ZTP-750/500L
Effective volume: 0.465 m³
Dia. Of impeller: 500mm
Revolving speed of impeller: 48 r/Min.
Tank: 500 liters/charge
Pot, blade & shaft: stainless steel made.
Vacuum pump(2H-15): 2.2 KW and velocity of flow: 15L/s
Pressure Casting Bench Size: L3100xW550xH1950mm
Total power: 2.95KW
FOB Chinese main port USD24531/set

Automatic Glazing Line



Automatic Glazing Line

The capacity: 58—80pieces/min

The diameter of green ware: 150—310mm (for plate product)

The power: 14.5KW

The size of equipment: LxWxH=20000x2400x2500mm

FOB Chinese main port USD51100/set

Automatic Foot Wiping Conveyor for Plate and Bowl



Main Technical Parameter

Automatic Foot Wiping Conveyor for Plate and Bowl.

Type:TC5J/8M

Conveying capacity: 8-12pieces/min

Belt: W300mm Endless Rubber Belt

Sponge Belt: W300mm Endless Sponge Belt

Foot Wiping: By Manual

Speed: 8M/min.adjustable

Frame: Steel Made

Belt washing water tank: Stainless steel made

Installed Power: 1.1KW.

FOB Chinese main port USD25823/set

Belt Conveyor for transfer paper works



Belt Conveyor for transfer paper works:
TCTX/21M
Dimension: L×W×H=21000×750×750mm
Belt dimension:
L×W×T=23000×600×10mm
Drier:
L×W×H=5000×750×250mm
With heating panel
Speed: adjustable
Frame: steel
Working table: L×W=10000×300mm
Bakelite plate working table
FOB Chinese main port USD17406/set

Conveyor Line





Table Conveyor
Type :TC5J
Capacity: 8-12pes/min
Speed of belt: 1.4meters/min
Power: 1.1-4.5KW
FOB Chinese main port USD684/meter

Over head slip (glaze) Tank with Stirrer



Model: $\phi 1200 \times H1000$
Tank: Stainless Steel made.
Tank Dimension: Dia 12,000 x H 1,000mm.
Blade and Shaft: Stainless Steel made.
Tank Stand: Steel made (supplied locally)
Installed Power: 1.5KW
FOB Chinese main port USD12304/set

DUST CATCHER



Dust Catcher
Type: ZSC-6
Wind rate: 5500 M³/H
Filtering area: 26 M²
weight: 520KG

Fan motor: 5.5KW
Overall dimension: 1450×850×2250 mm
FOB Chinese main port USD8886/set

GAS HOT AIR GENERATOR



Type: LRL/15
Capacity of heat exchange: 150000Kcal/hour
Fuel: Natural gas Complete with automatic ignition device and fan
FOB Chinese main port USD14400/set

CERAMIC JAR BALL MILL



Ceramic Jar ball mill

Type:QMJ-8

Motor power:0.75KW

Number of ceramic jar:8

With ceramic jars and ball stone.

FOB Chinese main port USD3531/set

Glazing machine

Inside clay Glazing machine

Outside clay Glazing machine

Type	Power (kw)	Price FOB Chinese main port	
Inside clay Glazing machine	0.25	USD1898/SET	
Outside clay Glazing machine	0.25	USD1898/SET	
Glazing machine	0.25	USD2165/SET	

VACUUM AGITATOR FOR PLASTER



Model: TCZJ/12
Mixing Capacity: 12 Lt./time/tank x 2 tanks
Vacuum tank: 2
Vacuum Pump: 0.4 KW Type-2
Mixing time: timer control
Installed Power: 2.95KW.
FOB Chinese main port USD14430/set

Mould-locking machine



Mould-locking machine
Type:TCY204
power:0.75KW
FOB Chinese main port USD1823/set

Mould-making machine



Mould-making machine
Type:TCZJ204
power:0.75KW
FOB Chinese main port USD1823/set

HYDRAULIC SAGGER FORMING PRESS



Main Technical Parameter

Type	Press	product Range	Capacity	stroke of work table	sizes of work table	power	weight
	KN	mm	Piece /2min	mm	mm×mm	kw	MT
YF32-500	500	Φ500xH300mm	1	≤300	1980x1600	44	30

AIR COMPRESSOR



Air Compressor :
Type:SE22A-10
Air cooled Screw type
Air Compressor
Power:22Kw
Exhaust/ Pressure:3m³/1 Mpa
Including 3 metres compressed
air pipes,1m³ Air tank, 3.8m³
Air dryer and 4 x air filter
FOB Chinese main port USD14810/set

HYDRAULIC HAND PALLET TRACK



Type:TCCE-2T
Capacity:1.5MT
FOB Chinese main port USD570/set

FORKLIFT



CPC20HB-G6
fuel: diesel oil
capacity: 2000kgs
Load centre distance: 500mm
Lifting height: 3000mm
Engine: 490BPG 36.8kw/2650rpm
FOB Chinese main port USD25310/set

Vacuum pump



ROLLER KILN



TUNNEL KILN



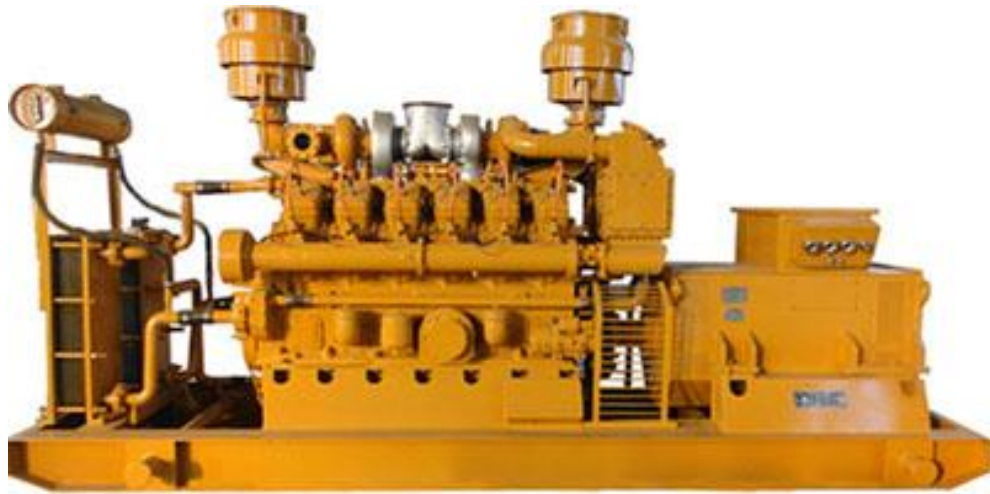
DECORATION ROLLER KILN



SHUTTLE KILN



Natural Gas Generator



Coal Gasifier

Double-section heating coal gasifier

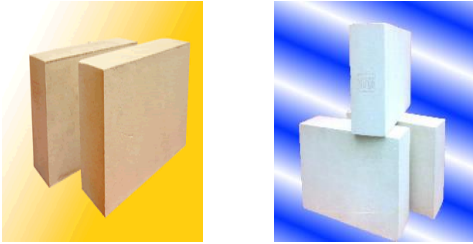


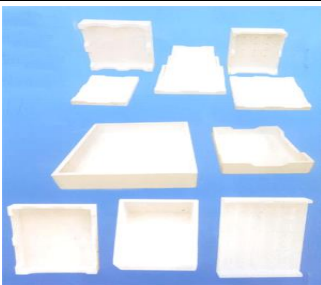
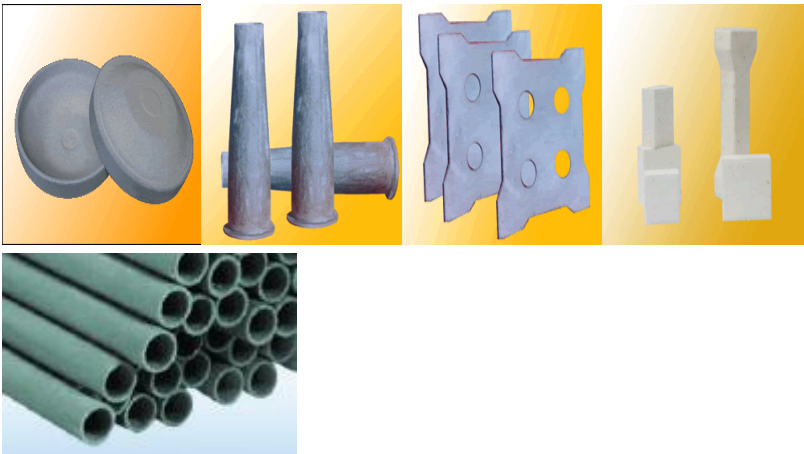






Double-section cooled coal gasifier











Other items

ITEM	PHOTO
Gold glaze	

<p>Hot refractory brick</p> <p>Zirconium mullite burner block</p> <p>Corundum mullite burner block</p>	
<p>Poly light high aluminum brick</p> <p>Light high aluminum brick</p>	
<p>Mullite suspended roof brick</p> <p>Mullite insulating brick</p> <p>Mullite brick vault</p>	
<p>cordierite-mullite Sagger</p>	
<p>Rcrystallized SiC kiln furniture</p>	

insulation cotton		
Aluminum silicate blowing cotton Poly Cotton Zirconium containing cotton		
Aluminum air duct		
Al-Mg composite wind pipe		
Stainless steel wind pipe		
Ceramic roller		

Fused quartz plate	
Corundum mullite brick	
High temperature bearing	
Bearing chock	
High temperature mortar	
High temperature binder	
High alumina refractory cement	
Thermocouple protection tube	

Molybdenum silicon rod



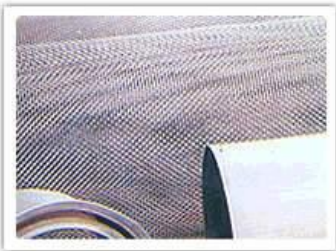
The electric simulation stove wire support tube



Pyrometric Cone



Stainless steel mesh



thermocouple
thermometer



The frequency converter



Diaphragm pressure gauge



bimetallic thermometer



Non Blast Natural Gas Burner



Blast Natural Gas Burner



Infrared burner



Pressure regulator



Pneumatic regulating valve



Electric actuator



Roller spring set






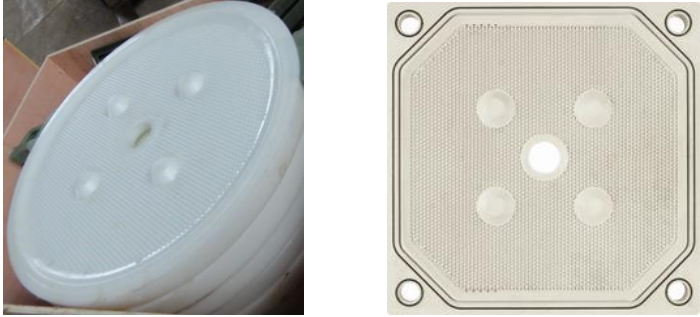








Helical gear transmission



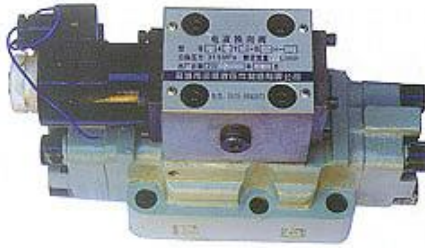
Single seat



<p>high pressure wire braided hose</p>	
<p>Gas hose</p>	
<p>leaf spring</p>	
<p>Digital display meter</p>	
<p>Silex lining stone</p>	
<p>Filter plate</p>	

<p>Hand shank</p> <p>Socket with rubber pad</p>	
<p>Filter cloth</p>	
<p>Oil pump</p>	
<p>Gear pump</p>	
<p>Hydraulic vane pump</p>	
<p>Hydraulic oil filter</p>	

Electromagnetic
-hydraulic reversal valve



electromagnetic
directional valve



Overflow valve



Electromagnetic
Overflow valve



Check valve



Disc valve



Sequence valve



Auto Glazing Machine





Specifications:

Speed: 1.3 times/minute

Capacity: 12-inch plate at 10 heads or 11-inch plate at 11 heads, quantity of heads depends on size

Workable for plates, bowls, cups together. Multiple-way selection for glazing by PLC control.

Glazing tanks, conveyor attach

Power: 22 KW

Layout size: 5.5 x 2.3 x 2.4 m