

The 50-100Cattle and 300-600Sheep/Goat Abattoir Project Proposal



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I、Cattle/Sheep/goat Abattoir Project Brief Introduce

1.1 Cattle/sheep/goat abattoir main data

- 1). Design capacity:
- ✓ Cattle abattoir unit -----50-100cattle /shift
- ✓ Sheep/goat abattoir unit -----300-600Sheep/goat/shift
- 2). Design religion-----Islamic Halal
- 3). Cattle and sheep/goat abattoir plant out size (L*W*H)-----52500 *43000 *6000 MM
- 4). Deliver period in China -----60Days
(The delivery as per buyer' s down-payment value have been received in China)
- 5). Installation and debugging technicians-----2Person
- 6). Installation and debugging period-----40Days
- 7). Voltage rating-----380V / 3P / 50HZ
- 8). Electric consumption-----68Kw/Hour
- 9). Water consumption-----100Ton/Shift
- 10). Slaughterhouse Worker-----20-30Person/Shift
- 11). Auxiliary equipment remark:
- ✓ Electric cable-----Not included in quotation
- ✓ Hot water equipment-----Not included in quotation
- ✓ Refrigeration equipment for freezing-----Not included in quotation
- ✓ Waste water equipment-----Not included in quotation
- ✓ Blood treated equipment-----Not included in quotation

1.2 Quality standard: the equipment are in compliance with the related ISO9001: 2008 standard

1.3 Deliver Items: FOB

- ✓ Loading port: Qingdao port of China

1.4 Transportation way: Complete cattle and sheep/goat abattoir equipment need four pieces 40GP containers for transportation by sea

1.5 Packaging standard: original factory packaging loading in container

1.6 Payment way: the total invoice value will be payment as two time, the detail as following:

- ✓ The down-payment 40% of total invoice value will be payment within 10days from sale contract signature date through telegraphic transfer
- ✓ The rest 60% of total invoice value will be payment through telegraphic transfer before all equipment deliver from Qingdao port of China, meanwhile the seller party will invite buyer send one representative come to factory for equipment checking before loading into container for shipment

1.7 Quality guarantee: the quality guarantee period of all equipment are 12 months since the date when the installation and debug have been complete, the equipment are made available to buyer and signature is made on the buyer' s completed bill.

1.8 Machinery maintaining: The seller will appoint one well skilled technician go to maintain the equipment for five workdays for buyer per each 6 month within Quality Guarantee Period, the buyer charge the accommodation and round-trip air tickets of technician, the salary of technicians charge free.

1.9 Installation and debugging remark:

- ✓ The total quotation have include equipment installation and debugging direction salary and not include international round-trip air tickets、accommodation and transport cost of technicians in buyer country
- ✓ The installation & debugging time will be postponed caused by buyer which make equipment can' t installation in time, the buyer should payment salary to technicians \$100 us dollar per technicians per shift for postponed time

II、Cattle/sheep/goat abattoir equipment price list:

No.	Items	Model	Unit	Qty
2.1、Living cattle killing and bleeding area equipment unit				
1.1	Living cattle ritual halal killing box	QE-C103-I	Set	1
1.2	Living cattle killing platform	QE-C106-I	Set	1
1.3	Cattle carcass vertical hoist	QE-C109-I	Set	1
1.4	Cattle blood collection chute	QE-C115	Set	1 1
1.5	Cattle carcass bleeding manual convey rail	QE-C110-II	M	12
1.6	Cattle bleeding shackle	QE-C114	Set	10
1.7	Cattle horn and hoof hydraulic shear(Original:China)	QE-C116-II	Set	1
1.8	Shear sterilizing device	QE-C116-III	Set	1
1.9	Cattle carcass electric transfer hoist	QE-C201-II	Set	1
1.10	Cattle carcass re-hanging platform	QE-205-I	Set	1
1.11	Cattle hind hoof hydraulic shear(Original: Germany)	QE-C202-I	Set	1
1.12	Shear sterilizing device	QE-C202-II	Set	1
1.13	Hoof sliding chute	QE-C206	Set	1
1.14	Hoof de-hairing machine	QE-C209	Set	1
1.15	Cattle bleeding shackle recycling rail	QE-C112	M	10
2.2、Cattle carcass processing equipment unit				
2.1	Cattle carcass processing manual convey rail	QE-C110-II	M	28
2.2	Tube rail pulley hook	QE-C238-I	Set	50
2.3	Cattle carcass breast skinning platform	QE-C211-I	Set	1
2.4	Cattle carcass automatic convey system (Six-Unit)	QE-C217-I	Set	1
2.5	Cattle skin hydraulic puller	QE-C212	Set	1
2.6	Cattle skinning elevator	QE-C214-II	Set	2
2.7	Cattle skin transfer trolley	QE-C216-II	Set	2
2.8	Cattle fore legs fixed platform	QE-C215-II	Set	1
2.9	Reciprocating cattle breast bone cut saw	QE-C220-II	Set	1
2.10	Breast bone cut saw sterilizing device	QE-C220-IV	Set	1
2.11	White viscera removed platform	QE-C221-II	Set	1
2.12	Cattle white viscera sliding chute	QE-C223-I	Set	1
2.13	Red viscera removed platform	QE-C221-III	Set	1
2.14	Cattle red viscera sliding chute	QE-C223-II	Set	1
2.15	Cattle white viscera collection trough	QE-C223-IV	Set	1
2.16	Cattle red viscera collection trough	QE-P608-II	Set	1
2.17	By-products and viscera cleaning and packaging table	QE-C224-III	Set	4
2.18	Cattle stomach cleaning machine	QE-C225	Set	1
2.19	Head and red viscera transfer trolley	QE-C229-I	Set	2
2.20	Cattle carcass splitting elevator	QE-C233	Set	1
2.21	Cattle carcass band splitting saw	QE-C230-I	Set	1
2.22	Band splitting saw sterilizing	QE-C230-III	Set	1
2.23	Carcass inspect platform	QE-C221-VI	Set	1
2.24	Carcass trimming platform	QE-C221-VII	Set	1
2.25	Carcass cleaning and re-inspection platform	QE-C236-IV	Set	2
2.26	Carcass manual cleaning machine	QE-C236-III	Set	1

2.27	Carcass rail weight system	QE-C235	Set	1
2.28	Standard trolley	QE-L123	Set	10
2.29	Hand washing and knife sterilizing device	QE-L202-I	Set	3
2.30	Central electrical control system	QE-C401	Set	1
2.3、 Sheep/goat killing and bleeding equipment unit				
3.1	Living sheep restraint convey machine	QE-S102-I	Set	1
3.2	Living sheep collect and killing roller table	QE-S103-II	Set	1
3.3	Sheep bleeding slope lifting machine	QE-S104	Set	1
3.4	Sheep carcass processing manual convey rail(Dual-Orbit)	QE-S201-II	M	55
3.5	Dual rail pulley hanger	QE-S107-II	Set	30
3.6	Bleeding shackle	QE-S108	Set	30
3.7	Sheep blood collect tank	QE-S106	Set	1
3.8	Carcass transfer platform	QE-S109-II	Set	1
3.9	Hind leg skinning platform	QE-S109-I	Set	1
3.10	Slope type pneumatic sheep skin puller	QE-S207-I	Set	1
3.11	Carcass evisceration, inspection, trimming, cleaning platform	QE-S206-I	Set	4
3.12	Sheep/goat skin transfer trolley	QE-C216-II	Set	2
3.13	White and red viscera sliding chute	QE-S216	Set	2
3.14	By-products and viscera cleaning and packaging table	QE-C224-III	Set	4
3.15	Sheep white viscera collection trough	QE-C223-IV	Set	1
3.16	Sheep red viscera collection trough	QE-P608-II	Set	1
3.17	Head and red viscera transfer trolley	QE-C229-I	Set	2
3.18	Carcass manual cleaning device	QE-S218-I	Set	1
3.19	Carcass weight rail scale	QE-S217	Set	1
3.20	Carcass re-hanging slope lifting machine	QE-S220	Set	1
3.21	Standard trolley	QE-L123	Set	6
3.22	Hand washing and knife sterilizing device	QE-L202-I	Set	3
2.4、 Cattle & sheep/goat chilling equipment unit				
4.1	Cattle & sheep/goat carcass manual convey rail	QE-C301-II	M	320
4.2	Tube rail pulley hook for cattle carcass	QE-C238-I	Set	120
4.3	Tube rail pulley hook for sheep/goat carcass	QE-S202-I	Set	120
4.4	Carcass chilling hook (8-hanger)	QE-S304-III	Set	120
4.5	Carcass rail weight system	QE-C235	Set	1
4.6	Arm type carcass delivery descend machine	QE-C305-I	Set	1
4.7	Hook transfer trolley	QE-C239	Set	5
2.5、 Cattle & sheep/goat abattoir installation material and auxiliary equipment unit				
5.1	Equipment main support and hanging material	QE-C403	Ton	26
5.2	Equipment installation auxiliary material and accessories	QE-C404	Ton	5
5.3	Screw air compressor(0.8Mpa-11Kw)	QE-L302-I	Set	1
5.4	Livestock abattoir machine cleaning system	QE-L204	Set	1
5.5	Livestock abattoir installation tool	QE-L126	Ton	1

I、 The cattle & sheep/goat abattoir equipment specification:

2.1、 Living cattle killing and bleeding equipment unit

1.1 Living cattle ritual halal killing box-----1Set

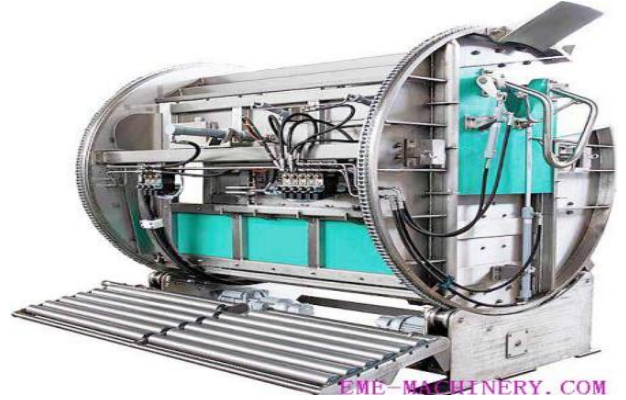
Model: QE-C103-I

Which main used for living cattle fixed and Islamic Halal religion killing, and fixed on the ground by expansion screw bolts, the detail data as following

- 1)-Design principle: hydraulic and electric driving
- 2)-Capacity: 40-45cattle per hour
- 3)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 4)-Power: 5.5+2.2Kw
- 5)-Working pressure: 4.0Mpa
- 6)-Out size: 3200X2000X2370mm (LXWXH)
- 7)-Weight: 2500Kg
- 8)-Flip degree: 180°C

9)-Components and material:

- ✓ Hot galvanized main structure and poly-amide plate and stainless steel
- ✓ Rotary box and base
- ✓ Cattle collection grid plate
- ✓ Cattle entrance device
- ✓ Cattle pushing device
- ✓ Head clamping device
- ✓ Hydraulic pressure station
- ✓ Oil cylinder and hydraulic control system and soft pipe
- ✓ Hydraulic controlling box

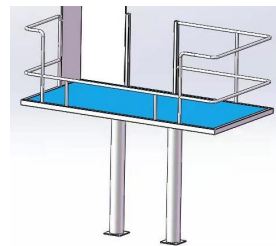


1.2 Living cattle killing platform-----1Set

Model: QE-C106-II

Which main used to fixed front of the killing box for staff to kill living cattle for bleeding, main data as following:

- 1)-Out size: 1600X1000X600mm (LXWXH)
- 2)-Component and material:
 - ✓ φ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ One set hand washing and knife sterilizing device



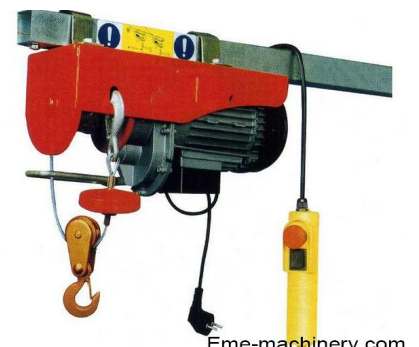
1.3 Cattle carcass vertical hoist-----1Set

Model: QE-C109-I

Which main used to lift cattle carcass from collection grid to over head rail for killing and bleeding, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 3Kw
- 3)-Hoisting ability: 2000kg
- 4)-Lifting height:6M
- 5)- Lifting speed:8m/min
- 6)-Max capacity: 40 Heads per hour
- 7)-Component and material:

- ✓ Electric hoist
- ✓ Automatic hanging device
- ✓ Heavy hook



- ✓ Low pressure control switches

1.4 Cattle blood collection chute-----2Sets

Model: QE-C115

Which main used to fixed under cattle bleeding convey rail for blood collection, main data as following:

1)-Out size:

- ✓ 7000X1200X500mm(LXWXH)
- ✓ 4000X1000X500mm(LXWXH)

2)-Component and material:

- ✓ 38*38*2mm stainless steel Square tube
- ✓ 2mm stainless steel plate
- ✓ stainless steel adjusting foot
- ✓ Sewage pipe and blood collection pipe



1.5 Cattle bleeding manual convey rail-----12M

Model: QE-C110-II

Which main used to hang cattle over head and manual convey for bleeding, main data as following:

1)-Rail Height: 4.2-5m

2)-Capacity: 30 Heads per hour

3)-Component and material:

- ✓ Hot galvanized 12# double channel steel
- ✓ Hot galvanized special hanger
- ✓ φ60*4mm stainless steel orbit
- ✓ Hot galvanized hanger, Distance 600mm



1.6 Cattle bleeding shackle-----10Sets

Model: QE-C114

Which main used to tie cattle feet and hang on convey rail for bleeding, main data as following:

1)-Length: 1000mm

2)-Max loading weight: 2000kg

1)-Component and material:

- ✓ Hot galvanized hanger and roller
- ✓ stainless steel shackle



1.7 Cattle horn and hoof hydraulic shear(Original: China)-----1Set

Model: QE-C116-II

Which main used to cut cattle horn and fore hooves, main data as following:

1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P

2)-Power: 3Kw

3)-Working principle: Hydraulic

4)-Shear opening size:120mm

5)-Working pressure:180-200bar

6)-Working speed (open and close):3 second

7)-Oil tank capacity of hydraulic station:27L

3)-Weight:27kg

4)-Component and material:

- ✓ Balance
- ✓ Hydraulic station
- ✓ High pressure soft pipe and connector



1.8 Shear sterilizing device-----1Set

Model: QE-C116-III

Which main used for cattle horn and hoof shear sterilizing, main data as following:

- 1)-Out size: 660X360X200mm(LXWXH)
- 2)-Material: stainless steel



1.9 Cattle carcass electric transfer hoist-----1Set

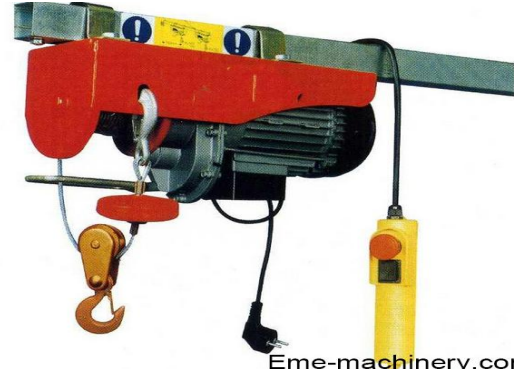
Model: QE-C201-II

Which main used to lift cattle carcass from bleeding convey rail to carcass processing convey rail, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 1.5Kw
- 3)-Lifting height::4M
- 4)-Lifting speed:8m/min
- 5)-Max capacity: 45 Heads per hour

1)-Component and material:

- ✓ Electric hoist
- ✓ Limit device
- ✓ Low pressure control switches
- ✓ Electric control box
- ✓ Hoisting ability: 1000kg
- ✓ Hot galvanized steel main frame



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1.10 Cattle carcass re-hanging platform-----1Set

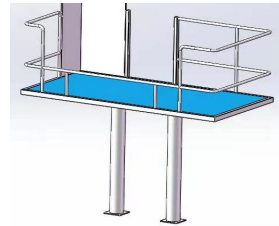
Model: QE-C205-I

Which main used to fixed under over head convey rail for cattle head, horn and fore hooves removed, main data as following:

- 1)-Out size: 2400X1000X2000mm (LXWXH)

2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ stainless steel ladder and handrail
- ✓ One set knife sterilizing device



1.11 Cattle horn and hoof hydraulic shear(Original: Germany)-----1Set

Model: QE-C202-I

Which main used to cattle hind hooves, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 4.5Kw
- 3)-Working principle: Hydraulic
- 4)-Shear opening size:150mm
- 5)-Working pressure:130bar
- 6)-Working speed (open and close):4-7 second
- 7)-Oil tank capacity of hydraulic station:27L
- 8)-Weight:25kg
- 9)-Component and material:

- ✓ Balance
- ✓ Hydraulic station
- ✓ High pressure soft pipe and connector



1.12 Shear sterilizing device-----1Set

Model: QE-C202-II

Which main used for cattle hind hooves cutting shear sterilizing, main data as following:



1)-Out size: 660X360X800mm(LXWXH)

2)-Material: stainless steel

1.13 Hoof sliding chute-----1Set

Model: QE-C206

Which main used to hind hooves slides down from the high position to the standard trolley for belt conveyor, main data as following:

1)-Out size: ϕ 350X2400mm(DXL)

2)-Thickness :2mm

3)-Material: stainless steel



1.14 Hoof de-hairing machine-----1Set

Model: QE-C209

Which main used to remove the hair from the cattle and sheep/goat hoof by high-speed rotation of the machine, main data as following:

1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P

2)-Power: 7.5Kw

3)-Diameter of dehairing cylinder:1.2m

4)-Water temperature: 58-62°C m

5)-360pcs cattle hooves per hour and 1440 sheep hooves per hour

6)-Component and material:

- ✓ stainless steel frame base
- ✓ stainless steel cylindrical shell
- ✓ stainless steel circular rotary grid
- ✓ Hot and cold water mixing valve
- ✓ Drain hole at the bottom
- ✓ stainless steel waterproof electric control box



1.15 Cattle bleeding shackle recycling rail-----10M

Model: QE-C112

Which main used for idle bleeding shackle sliding back to lifting machine position, main data as following:

1)-Rail Height: 1.5-5m

2)-Component and material:

- ✓ Hot galvanized 12# double channel steel
- ✓ Hot galvanized special hanger
- ✓ ϕ 60*4mm stainless steel orbit
- ✓ Hot galvanized hanger, Distance 600mm
- ✓ Connecting bolt



2.2、Cattle carcass processing equipment unit

2.1 Cattle carcass processing manual convey rail-----28M

Model: QE-C217-II

Which main used to manual convey cattle carcass for breast skinning, skin removed,breastbone cutting, evisceration ,half carcass splitting ,carcass inspection ,trimming ,cleaning and so on, main data as following:

1)-Rail Height: 3.6m

2)-Max capacity: 30 Heads per hour

3)-Component and material:

- ✓ Hot galvanized steel 12# double channel steel
- ✓ ϕ 60*4mm stainless steel orbit
- ✓ Hot galvanized hanger, Distance 600mm



- ✓ Connecting bolt

2.2 Tube rail pulley hook-----50Sets

Model: QE-C238-I

Which main used to hang cattle carcass for slaughtering process, main data as following:

- 1)-Weight: About 3.78kg
- 2)-Out Size: 480X80X70mm (LXWXH)
- 3)-Tube Diameter: 40-60mm
- 4)-Carrying Capacity: 1500Kg
- 5)-Component and material:
 - ✓ stainless steel precision casting hanger
 - ✓ H225 refined steel casting,surface hot galvanized
 - ✓ φ22mm stainless steel hooks
 - ✓ Roller with 2pcs sealed bearings

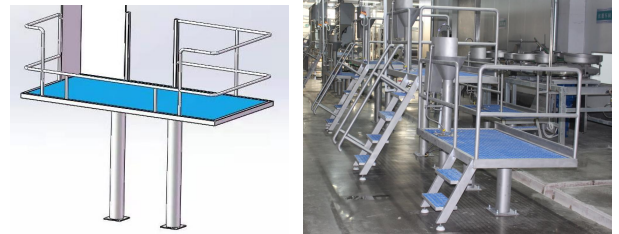


2.3 Cattle carcass breast skinning platform-----1Set

Model: QE-C211-I

Which main used to assist workers convenient to brisket skinning, main data as following:

- 1)-Out size: 2000X1000X2000mm (LXWXH)
- 2)-Component and material:
 - ✓ φ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ One set hand washing and knife sterilizing device



2.4 Cattle carcass automatic convey system (Six-Unit)-----1Set

Model: QE-C217-I

Which main used to automatic convey cattle carcass for breast skinning, skin removed,breastbone cutting, evisceration ,half carcass splitting ,carcass inspection , trimming ,cleaning and so on, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 2.2Kw
- 3)-Length: 16000mm
- 4)-Number of stations: 6-units
- 5)-Distance of work position: 2200mm
- 6)-PLC control , the working position stop time is available adjust
- 7)-Air consume: 89L/Time
- 8)-Capacity:60 heads per hour
- 9)-Component and material:
 - ✓ Closed hot galvanized roller track
 - ✓ Hot galvanized chain, high polymer wear-resistant roller
 - ✓ Primary pneumatic leg separated device (Distance: 500mm)
 - ✓ Second pneumatic leg separated device (Distance: 1000mm)
 - ✓ Pneumatic lifting device
 - ✓ Operation alarm device
 - ✓ φ60*4mm stainless steel orbit



2.5 Cattle skin hydraulic puller-----1Set

Model: QE-C212

Which main used to removed the skin from cattle carcass and fixed on floor and connect with convey rail, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 5.5+2.2kw
- 3)-Work principle: hydraulic
- 4)-Hydraulic cylinder stroke:2.2m
- 5)-Work pressure:6Mpa
- 6)-Max capacity:60cattle/h
- 7)-Component and material:
 - ✓ Hot galvanized steel support pillar
 - ✓ Oil cylinder
 - ✓ stainless steel hide roller and chain
 - ✓ Hydraulic pressure station
 - ✓ Hydraulic control system and soft pipe
 - ✓ Low pressure control switches



2.6 Cattle skinning elevator-----2Sets

Model: QE-C214-II

Which main used to support staffs assistant skin puller to removed skin from carcass, main data as following:

- 1)-Out size: 1000X800X3800mm (LXWXH)
- 2)-Lifting height:1600mm
- 3)-Work pressure:0.6-0.8Mpa
- 4)-Air consume: 185L/Time
- 5)-Elevating ability: 125Kg
- 3)-Component and material:

- ✓ stainless steel main support pillar
- ✓ 60*40*2mm stainless steel steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ stainless steel ladder and handrail
- ✓ stainless steel water receiving tray
- ✓ Guide water column
- ✓ Aluminum alloy cylinder
- ✓ Pneumatic control system
- ✓ Apron cleaning device
- ✓ Hand washing and knives sterilizing device



2.7 Cattle skin transfer trolley-----2Sets

Model: QE-C216-II

Which main used to collect and take the cattle skin from slaughter area to appoint area for further treatment, main data as following:

- 1)-Out size: 1000X600X300mm (LXWXH)
- 2)-Component and material:
 - ✓ 50*50*2mm stainless steel 304 frame
 - ✓ 2mm stainless steel 304 plate
 - ✓ 4pcs Strongly nylon wheel



2.8 Cattle fore legs fixed platform-----1Set

Model: QE-C215-I

Which main used to fixed the fore legs with stainless chain to keep the carcass from moving during skin removed, assist workers convenient to cut breastbone, main data as following:

- 1)-Out size: 1000X800X1400mm (LXWXH)
- 2)-Component and material:
 - ✓ 80*80*2mm hot galvanized steel square tube



- ✓ Hot galvanized steel checkered plate
- ✓ stainless steel chain

2.9 Reciprocating cattle breast bone cut saw(Original China)-----1Set

Model: QE-C220-II

Which main used to cut cattle carcass breast bone for further evisceration, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 1.1Kw
- 3)-Blade length:300mm
- 4)-Weight:32kg
- 5)-Component and material:

- ✓ Balance
- ✓ Transformer



2.10 Breast bone cut saw sterilizing device-----1Set

Model: QE-C116-IV

Which main used for breast bone cut saw sterilizing, main data as following:

- 3)-Out size: 660X360X800mm(LXWXH)
- 4)-Material: stainless steel



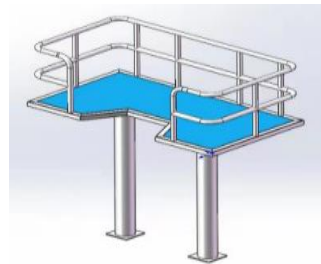
2.11 White viscera removed platform-----1Set

Model: QE-C221-II

Which main used to support worker evisceration white viscera, the detail data as following:

- 1)-Out size: 2000X1000X1350mm(LXWXH)
- 2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ stainless steel ladder and handrail
- ✓ Include one sent hand washing and knives sterilizing device



2.12 Cattle white viscera sliding chute-----1Set

Model: QE-C223-I

Which main used to collection and slide to white viscera convey machine, the detail data as following:

- 1)-Out size: 2400X1200/750mm(LXW)
- 2)-Thickness :2mm
- 3)-Component and material:stainless steel



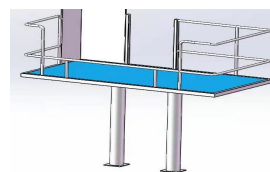
2.13 Red viscera removed platform-----1Set

Model: QE-C221-III

Which main used to support worker evisceration red viscera, the detail data as following:

- 1)-Out size: 2000X1500X1000mm(LXWXH)
- 2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ stainless steel ladder and handrail
- ✓ Include one sent hand washing and knives sterilizing device



2.14 Cattle red viscera sliding chute-----1Set

Model: QE-C223-II

Which main used to collection and slide to red viscera convey machine, the detail data as following:

- 1)-Out size: 1200X1200/750mm(LXW)
- 2)-Thickness :2mm
- 3)-Component and material:stainless steel



2.15 Cattle white viscera collection trough-----1Set

Model: QE-C223-IV

Which main used for collect cattle white viscera for cleaning, main data as following:

- 1)-Out size: 4500*900*800mm (L*W*H)
- 2)-Depth:100mm
- 3)-Component and material:
 - ✓ 38*38*2mm 304 stainless steel square tube
 - ✓ 304 Stainless steel table-board
 - ✓ Drain hole
 - ✓ Stainless steel adjusting foot



2.16 Cattle viscera collection trough-----1Set

Model: QE-P608-II

Which main used for collect cattle red viscera for cleaning, main data as following:

- 4)-Out size: 3000*700*800mm (L*W*H)
- 5)-Depth:100mm
- 6)-Component and material:
 - ✓ 38*38*2mm 304 stainless steel square tube
 - ✓ 304 Stainless steel table-board
 - ✓ Drain hole
 - ✓ Stainless steel adjusting foot



2.17 By-products and viscera cleaning and packaging table-----4Sets

Model: QE-C223-IV

Which main used by products and viscera cleaning and packaging, the detail data as following:

- 1)-Out size: 1500X1000X900mm(LXWXH)
- 2)-Deep:100mm
- 3)-Component and material:
 - ✓ 38*38*2mm stainless steel square pipe
 - ✓ stainless steel table-board
 - ✓ Drain hole
 - ✓ stainless steel adjusting foot



2.18 Cattle stomach cleaning machine-----1Set

Model: QE-C225

Which main used to cleaning the dirty inside of stomach, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 4+5.5Kw
- 3)-High and low speed cross operation
- 4)-Water temperature: 55-60℃
- 5)-Capacity: 60pcs cattle tripe per hour
- 6)-Component and material:
 - ✓ stainless steel frame base
 - ✓ stainless steel barrel type washing chamber



- ✓ stainless steel circular rotary grid
- ✓ Set hot and cold water inlet pipe at the side
- ✓ Drain hole at the bottom
- ✓ stainless steel waterproof electric control box

2.19 Head and red viscera transfer trolley-----2Sets

Model: QE-C229-I

Which main used to collection cattle red viscera and transfer to storage room, main data as following:

- 1)-Size:1500X800X1600mm(LXWXH)
- 2)-Capacity: 54pcs hanger
- 3)-Component and material:
 - ✓ 38*38*2mm stainless steel frame
 - ✓ 12mm stainless steel red offal hook
 - ✓ 1.5mm stainless steel bottom tray
 - ✓ 4pcs nylon roller(2pcs Omni-directional wheel)

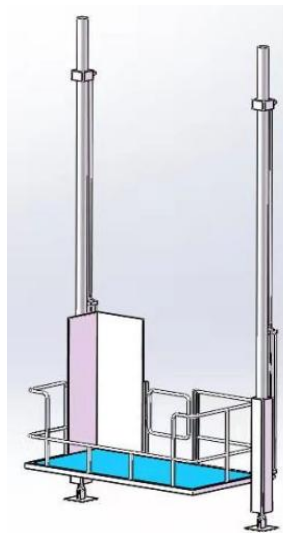


2.20 Cattle carcass splitting elevator-----1Set

Model: QE-C233

Which main used to support staffs for splitting and fixed on floor and connect with carcass convey rail, main data as following:

- 1)-Out size: 2000X1000X3800mm (LXWXH)
- 2)-Lifting height:1600mm
- 3)-Work pressure:0.6-0.8Mpa
- 4)-Air consume: 370L/Time
- 5)-Elevating ability: 250Kg
- 6)-Component and material:
 - ✓ Hot galvanized steel main support pillar
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ stainless steel water receiving tray
 - ✓ Guide water column
 - ✓ Aluminum alloy cylinder
 - ✓ Pneumatic control system
 - ✓ Apron cleaning device
 - ✓ Hand washing and knives sterilizing device



2.21 Cattle carcass band splitting saw(Original: China)-----1Set

Model: QE-C230-I

Which main used to cut cattle carcass into two pieces along the spine and suspended under the steel beam by balance, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 2.2Kw
- 3)-Out size: 1300X400X500mm(LXWXH)
- 4)-Blade length:3100mm
- 5)-Cutting depth: 500mm
- 6)-Weight:89kg
- 7)-Component and material:
 - ✓ Balance
 - ✓ Transformer
 - ✓ 10pcs saw blade



2.22 Band splitting saw sterilizing-----1Set

Model: QE-C230-III

Which main used for cattle carcass band splitting saw sterilizing with hot water, main data as following:

- 1)-Size:1200X360X150mm(LXWXH)
- 2)-Material: stainless steel

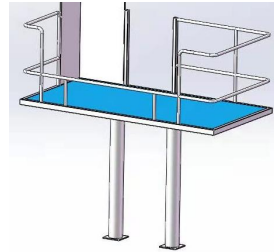


2.23 Carcass inspect platform-----1Set

Model: QE-C221-VI

Which main used to support staffs for cattle carcass inspection, the detail data as following:

- 1)-Out size: 2000X1000X1200mm(LXWXH)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device

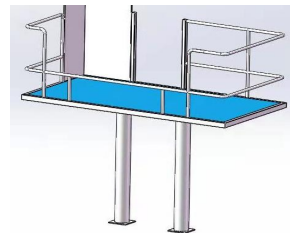


2.24 Carcass trimming platform-----1Set

Model: QE-C221-VII

Which main used to support staffs for cattle carcass trimming, the detail data as following:

- 1)-Out size: 2000X1000X1500mm(LXWXH)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device

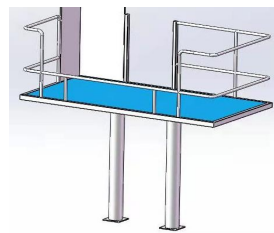


2.25 Carcass cleaning and re-inspection platform-----2Sets

Model: QE-C236-IV

Which main used to support staffs for cattle carcass cleaning, the detail data as following:

- 1)-Out size: 1600X1000X800mm(LXWXH)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail



2.26 Carcass manual cleaning machine-----1Set

Model: QE-C236-III

Which is used to cleaning cattle half carcass by high pressure water, the detail data as following:

- 1)-Power mode:3-phase electric
- 2)-Include:15m high pressure explosion-proof steel wire pipe
 - ✓ Copper tube high pressure gun
 - ✓ High density filter
 - ✓ 5m water inlet PVC pipe
- 3)-Technical parameters:
 - ✓ Power: 2.2Kw
 - ✓ Rate of flow: 13L/Min
 - ✓ Max pressure:18Mpa Power mode:3-phase electric

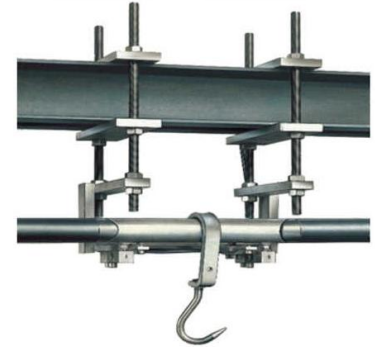


2.27 Carcass rail weight system-----1Set

Model: QE-C235

Which main used to scaling the carcass on convey rail after carcass processing or before dispatching, main data as following:

- 1)-Weight rail length: 1000 mm
- 2)-Maximum Weight: 600 Kg
- 3)-Differentiate Capacity: 50g
- 4)-Component and material:
 - ✓ Hot dip galvanized connectors and bolts
 - ✓ φ60*4mm independent stainless steel weighing rail
 - ✓ 2pcs high precision sensors
 - ✓ Weighing display with printer
 - ✓ LCD digital display



2.28 Standard trolley-----10Sets

Model: QE-L123

Which main used to collect livestock by-product and meat transfer to appoint area for treat or storage, main data as following:

- 1)-Volume:200L
- 2)-Out size: 600X600X600mm(LXWXH)
- 3)-Component and material:
 - ✓ 2mm 304Stainless steel tank
 - ✓ Bottom fillet structure
 - ✓ 4pcs Strongly nylon wheel



2.29 Hand washing and knife sterilizing device-----3Sets

Model: QE-L202-I

Which main used to clean hand and knives sterilizing, main data as following:

- 1)-Heating type:Steam heating
- 2)-Operate type: Foot switch
- 3)-Knives sterilizing water temperature: 82 °C
- 4)-Component and material:
 - ✓ 2mm stainless steel shell
 - ✓ High quality tap
 - ✓ Water supply interface and drain valve
 - ✓ Rotary thermostat



2.30 Central electrical control system-----1Set

Model: QE-C401

Which main used for cattle abattoir equipment electric controlling, main data as following:

- 1)-Component and material:
 - ✓ PLC control or relay control
 - ✓ Digital display screen
 - ✓ Frequency converter and PLC controller are Siemens
 - ✓ Contactor is Chint brand
 - ✓ Main switch: Chint products
 - ✓ Synchronous control system
 - ✓ Chint operation button
 - ✓ Hot galvanized cable tray
 - ✓ PVC conduit
 - ✓ Power cable from electric control cabinet for equipment motor
 - ✓ Control cable from electric control cabinet for low voltage control button



2.3、 Sheep/goat killing and bleeding equipment unit

3.1 Living sheep restraint belt convey machine-----1Set

Model: QE-S102-I

Which main used to transport the living sheep to bear force through abdomen for dangling four legs, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 2X1.1Kw
- 3)-V-shaped structure,angle and width adjustable
- 4)-Frequency control
- 5)-Max capacity: 100-400 Heads per hour
- 6)-Size: 4000*1350*1265mm(L*W*H)
- 7)-Component and material:
 - ✓ Hot galvanized steel main frame
 - ✓ ϕ 360*500mm hot galvanizing steel driving drum
 - ✓ 4mm nylon conveyor belt
 - ✓ 1.5mm 304 stainless steel shell
 - ✓ Low pressure control switches



3.2 Living sheep collect and killing roller table-----1Set

Model: QE-S103-II

Which main used to collection living sheep/goat for killing and bleeding, main data as following:

- 1)-Out size: 1800*600*820-700mm(L*W*H)
- 2)-Roller distance:50mm
- 3)-Component and material:
 - ✓ 304 stainless steel frame
 - ✓ ϕ 38*1.5mm stainless steel roller
 - ✓ Stainless steel blood collection tank



3.3 Sheep bleeding slope lifting machine-----1Set

Model: QE-S104

Which main used to lift sheep from killing table to over head convey rail for complete bleeding, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 1.5Kw
- 3)-Lifting height:1800mm
- 4)-Component and material:
 - ✓ Hot galvanized steel C-beam track
 - ✓ Nylon roller and hot galvanized steel plate chain
 - ✓ High polymer wear-resistant walking wheel
 - ✓ Hot galvanized steel channel steel frame
 - ✓ Plate chain with push dog
 - ✓ Driving and tension device
 - ✓ Low pressure control switches
 - ✓ 40*40*4mm 304 stainless steel double rail (Dual-orbit)



3.4 Sheep carcass processing manual convey rail-----55M

Model: QE-S201-II

Which main used to manual convey sheep carcass for pre-skinning, head removed, evisceration and so on, main data as following:

- 1)-Rail level:2800-3000mm
- 2)-Hanger distance:600-800mm



3)-Component and material:

- ✓ Hot galvanized steel 10# double channel steel
- ✓ Hot galvanized steel 10# I-Beam
- ✓ Hot galvanized steel refined steel casting hanger
- ✓ Connecting bolt
- ✓ 40*40*4mm 304 stainless steel double rail (Dual-orbit)

3.5 Dual rail pulley hanger-----30Sets

Model: QE-S107-II

Which main used to connect with bleeding shackle and hang sheep for bleeding, main data as following:

- 1)-Out size: 250*80*80mm(L*W*H)
- 2)-Weight: 1.2Kg
- 3)-Orbit: 40*40*4mm 304 stainless steel double rail
- 4)-Max load bearing: 300kg
- 5)-Component and material:

- ✓ Hot galvanized steel precision casting hanger
- ✓ 2Pcs roller with sealed bearings
- ✓ 304 Stainless steel hooks



3.6 Bleeding shackle-----30Sets

Model: QE-S108

Which main used to tie the sheep hind legs and hang under pulley hook for bleeding, main data as following:

- 1)-Length:520mm/1500mm
 - 2)-Component and material:
- ✓ φ60 mm 304 stainless steel ring
 - ✓ 304 Stainless steel chain



3.7 Sheep bleeding collection tank-----1Set

Model: QE-S105-II

Which main used to collect sheep blood and transfer to appoint area for further treatment, main data as following:

- 1)-Out size: 7600*1000*500mm(L*W*H)
 - 2)-Component and material:
- ✓ 38*38*2mm 304 stainless steel Square tube
 - ✓ 2mm 304 stainless steel pattern plate
 - ✓ Stainless steel adjusting foot
 - ✓ Sewage pipe and blood collection pipe



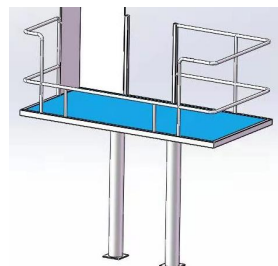
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3.8 Carcass transfer platform-----1Set

Model: QE-C109-II

Which main used to assist staffs convenient to transfer the sheep carcass from bleeding convey rail to carcass processing convey rail,main data as following:

- 1)-Out size: 2000X1000X400mm (LXWXH)
 - 2)-Component and material:
- ✓ φ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail



3.9 Hind leg skinning platform-----1Set

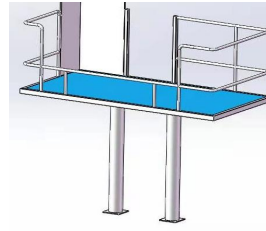
Model: QE-C109-I

Which main used to assist staffs convenient to skinning sheep hind legs,main data as following:

3)-Out size: 3000X1000X500mm (LXWXH)

4)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 25mm Anti-skid plastic square
- ✓ stainless steel ladder and handrail
- ✓ Include one sent hand washing and knives sterilizing device

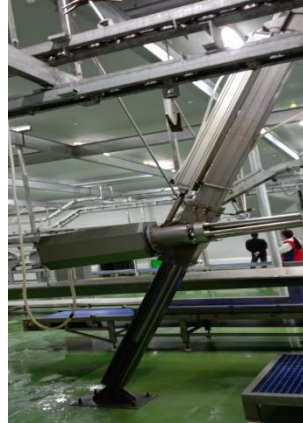


3.10 Slope type pneumatic sheep skin puller-----1Set

Model: QE-C207-I

Which main used to automatic removed skin from sheep carcass by pneumatic, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 1.1Kw
- 3)-Speed:41rpm
- 4)-Work pressure:0.6Mpa
- 5)-Max capacity:300 sheep/hour
- 6)-Out size: 300*280*4180mm(L*W*H)
- 7)-Component and material:
 - ✓ Hot galvanized steel support pillar
 - ✓ 304 Stainless steel skin roller
 - ✓ ϕ 125*1600mm Aluminum alloy cylinder
 - ✓ Pneumatic control system

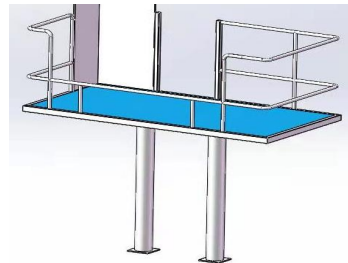


3.11 Carcass evisceration, inspection, trimming, cleaning platform-----4Sets

Model: QE-C206-I

Which main used to assist staffs convenient for sheep evisceration, inspection, trimming and cleaning processing,main data as following:

- 1)-Out size: 2000X1500X400mm (LXWXH)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 25mm Anti-skid plastic square
 - ✓ stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device



3.12 Sheep/goat skin transfer trolley-----2Sets

Model: QE-C216-II

Which main used to collect and take the sheep/goat skin from slaughter area to appoint area for further treatment, main data as following:

- 1)-Out size: 1000X600X300mm (LXWXH)
- 2)-Component and material:
 - ✓ 50*50*2mm stainless steel 304 frame
 - ✓ 2mm stainless steel 304 plate
 - ✓ 4pcs Strongly nylon wheel



3.13 White and red viscera sliding chute-----2Sets

Model: QE-C216-I

Which main used to collection sheep white and red viscera and transfer to appoint are for treatment, main data as following:

- 1)-Out Size:1300*900/60mm(L*W)
- 2)-Thickness :2mm
- 3)-Material: complete 304 stainless steel



3.14 By-products and viscera cleaning and packaging table-----4Sets

Model: QE-C223-IV

Which main used by products and viscera cleaning and packaging, the detail data as following:

- 1)-Out size: 1500X1000X900mm(LXWXH)
- 2)-Deep:100mm
- 3)-Component and material:
 - ✓ 38*38*2mm stainless steel square pipe
 - ✓ stainless steel table-board
 - ✓ Drain hole
 - ✓ stainless steel adjusting foot



3.15 Sheep white viscera collection trough-----1Set

Model: QE-C223-IV

Which main used for collect sheep/goat white viscera for cleaning, main data as following:

- 1)-Out size: 4500*900*800mm (L*W*H)
- 2)-Depth:100mm
- 3)-Component and material:
 - ✓ 38*38*2mm 304 stainless steel square tube
 - ✓ 304 Stainless steel table-board
 - ✓ Drain hole
 - ✓ Stainless steel adjusting foot



3.16 Sheep viscera collection trough-----1Set

Model: QE-P608-II

Which main used for collect sheep/goat red viscera for cleaning, main data as following:

- 1)-Out size: 3000*700*800mm (L*W*H)
- 2)-Depth:100mm
- 3)-Component and material:
 - ✓ 38*38*2mm 304 stainless steel square tube
 - ✓ 304 Stainless steel table-board
 - ✓ Drain hole
 - ✓ Stainless steel adjusting foot



3.17 Head and red viscera transfer trolley-----2Sets

Model: QE-C229-I

Which main used to collection sheep red viscera and head transfer to storage room, main data as following:

- 1)-Size:1500X800X1600mm(LXWXH)
- 2)-Capacity: 54pcs hanger
- 3)-Component and material:
 - ✓ 38*38*2mm stainless steel frame
 - ✓ 12mm stainless steel red offal hook
 - ✓ 1.5mm stainless steel bottom tray
 - ✓ 4pcs nylon roller(2pcs Omni-directional wheel)



3.18 Carcass manual cleaning device-----1Set

Model: QE-S218-I

Which is used to cleaning sheep carcass carcass by high pressure water, the detail data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 2.2Kw
- 3)-Rate of flow: 13L/Min
- 4)-Max pressure:18Mpa
- 5)-Component and material:



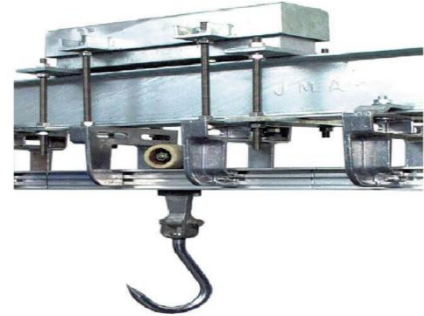
- ✓ 15m high pressure explosion-proof steel wire pipe
- ✓ Copper tube high pressure gun
- ✓ High density filter
- ✓ 5m water inlet PVC pipe

3.19 Carcass weight rail scale-----1Set

Model: QE-S217

Which main used to scale sheep carcass weight and installation on rail, main data as following:

- 1)-Weight rail length: 800-1000 mm.
- 2)-Maximum Weight: 300 Kg
- 3)-Differentiate Capacity: 50g
- 4)-Component and material:
 - ✓ Hot galvanized steel connectors and bolts
 - ✓ 2pcs high precision sensors
 - ✓ Weighing display with printer
 - ✓ LCD digital display
 - ✓ φ60*4mm independent 304 stainless steel weighing rail
 - ✓ 40*40*4mm independent 304 stainless steel weighing rail



3.20 Carcass re-hanging slope lifting machine-----1Set

Model: QE-S220

Which main used to lift sheep carcass from collection table or cooling tank to over head convey rail, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 1.5Kw
- 3)-Lifting height:1500mm
- 4)-Component and material:
 - ✓ Hot galvanized steel C-beam track
 - ✓ Nylon roller and hot galvanized steel plate chain
 - ✓ High polymer wear-resistant walking wheel
 - ✓ Hot galvanized steel channel steel frame
 - ✓ Plate chain with push dog
 - ✓ Driving and tension device
 - ✓ Low pressure control switches
 - ✓ φ60*4mm 304 stainless steel tube rail (tube-rail)



3.21 Standard trolley-----6Sets

Model: QE-L123

Which main used to collect livestock by-product and meat transfer to appoint area for treat or storage, main data as following:

- 1)-Volume:200L
- 2)-Out size: 600X600X600mm(LXWXH)
- 3)-Component and material:
 - ✓ 2mm 304Stainless steel tank
 - ✓ Bottom fillet structure
 - ✓ 4pcs Strongly nylon wheel



3.22 Hand washing and knife sterilizing device-----3Sets

Model: QE-L202-I

Which main used to clean hand and knives sterilizing, main data as following:

- 1)-Heating type:Steam heating
- 2)-Operate type: Foot switch
- 3)-Knives sterilizing water temperature: 82 °C



4)-Component and material:

- ✓ 2mm stainless steel shell
- ✓ High quality tap
- ✓ Water supply interface and drain valve
- ✓ Rotary thermostat

2.4、Cattle & sheep/goat chilling equipment unit

4.1 Cattle & sheep/goat carcass manual convey rail-----320M

Model: QE-C301-II

Which main used to store the cattle and sheep/goat carcass for chilling, freezing, and transportation to all functional rooms, such as boneless, dispatching, etc, main data as following:

- 1)-Rail Height: 3.6/2.4m
- 2)-H225hanger distance:600-800mm
- 3)-Component and material:
 - ✓ Hot galvanized steel 12# double channel steel
 - ✓ Hot galvanized special hanger
 - ✓ φ60*4mm stainless steel orbit
 - ✓ 90 ° and 60 ° stainless steel rail elbow
 - ✓ Connecting bolt



4.2 Tube rail pulley hook for cattle carcass -----120Sets

Model: QE-C238-I

Which main used to hang cattle carcass for slaughtering process, main data as following:

- 6)-Weight: About 3.78kg
- 7)-Out Size: 480X80X70mm (LXWXH)
- 8)-Tube Diameter: 40-60mm
- 9)-Carrying Capacity: 1500Kg
- 10)-Component and material:
 - ✓ stainless steel precision casting hanger
 - ✓ H225 refined steel casting,surface hot galvanized
 - ✓ φ22mm stainless steel hooks
 - ✓ Roller with 2pcs sealed bearings



4.3 Tube rail pulley hook for sheep/goat carcass-----120Seta

Model: QE-S202-I

Which main used to hang sheep carcass for pre-skinning, head removed, evisceration and so on, main data as following:

- 1)-Out Size: 250X80X70mm (LXWXH)
- 2)-Weight: 1.8Kg
- 3)-Tube Diameter: 40-60mm
- 4)-Max load bearing: 300kg
- 5)-Component and material:
 - ✓ Hot galvanized steel precision casting hanger
 - ✓ φ12mm 304 stainless steel hooks
 - ✓ Roller with 2pcs sealed bearings



4.4 Carcass chilling hook(8-hanger)-----120Sets

Model: QE-S304-III

Which main used to connect with pulley hook and hanging sheep carcass for chilling, main data as following:

- 1)-Hanging quantity: 8pcs sheep carcass per set



- 2)-Hanger distance:220mm
- 3)-Length:1000-1200mm(Customer customization)
- 4)-Component and material:
 - ✓ φ12mm stainless steel tie rod
 - ✓ φ10mm stainless steel hanger

4.5 Carcass rail weight system-----1Set

Model: QE-C235

Which main used to scaling the carcass on convey rail after carcass processing or before dispatching, main data as following:

- 5)-Weight rail length: 1000 mm
- 6)-Maximum Weight: 600 Kg
- 7)-Differentiate Capacity: 50g
- 8)-Component and material:
 - ✓ Hot dip galvanized connectors and bolts
 - ✓ φ60*4mm independent stainless steel weighing rail
 - ✓ 2pcs high precision sensors
 - ✓ Weighing display with printer
 - ✓ LCD digital display



4.6 Arm type quarter carcass delivery descend machine-----1Set

Model: QE-C305-I

Which main used to unloading cattle and sheep/goat carcass for delivery truck for departure, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 4Kw
- 3)-Radius of rotation: 2.0 m
- 4)-Capacity: 200-300 carcass per hour
- 1)-Component and material:
 - ✓ stainless steel base
 - ✓ stainless steel rotate arm and fork
 - ✓ Oil cylinder
 - ✓ Hydraulic pressure station
 - ✓ Hydraulic control system and soft pipe
 - ✓ Low pressure control switches



4.7 Hook transfer trolley-----5Sets

Model: QE-C239

Which main used to collect the pulley hook and transfer to appoint area for reuse, main data as following:

- 1)-Size:1800*700*1350mm(L*W*H)
- 2)-Capacity:120pcs pulley hooks
- 3)-Component and material:
 - ✓ stainless steel frame
 - ✓ 4pcs nylon roller(2pcs Omni-directional wheel)
 - ✓ Hot galvanized steel main frame



2.5、Cattle & sheep/goat abattoir installation material and auxiliary equipment unit

5.1 Equipment main support and hanging material-----26Tons

Model: QE-C403

Which main used for cattle abattoir equipment main beam support and hanging, fixed on the upper end of the column by welding, main data as following:

- 1)-Component and material:

- ✓ DN125 Hot galvanized steel column
- ✓ Hot Galvanized Main Steel Beam
- ✓ 28# I-beam,280*124*10.5
- ✓ 25# I-beam,250*118*10
- ✓ 20# I-beam,200*102*9
- ✓ 18# I-beam,200*102*9
- ✓ 16# I-beam,200*102*9



5.2 Equipment installation auxiliary material and accessories-----5Tons

Model: QE-C404

Which main used for cattle abattoir equipment main beam support and hanging, fixed on the upper end of the column by welding, main data as following:

1)-Component and material:

- ✓ Hot galvanized rigid Connectors
- ✓ Hot galvanized connecting Plate
- ✓ Hot galvanized connecting screw
- ✓ Hot galvanized bolt and nut
- ✓ Expansion bolt



5.3 Screw air compressor(0.8Mpa-11Kw)-----1Set

Model: QE-L301-III

Which main used to offer high-pressure air for some machine which need controlling or driving by pneumatic, main data as following:

- 1)-Rated voltage/phase/frequency: 380V/3P/50HZ
- 2)-Power: 11+0.375Kw
- 3)-Exhaust pressure: 0.8Mpa
- 4)-Capacity:1.7m3/min
- 5)-Air storage tank capacity:1000L
- 6)-Weight:380kg
- 7)-Out size:1050*750*1000mm(L*W*H)
- 8)-Noise:67±2 db(A)
- 9)-Outlet pipe diameter:G3/4"
- 10)-Component and material:

- ✓ IP54 totally enclosed dust-proof motor
- ✓ Excellent transmission system
- ✓ High efficiency filtration system
- ✓ Large oil cooler and air cooler with load low temperature difference (6-8 °C)
- ✓ Intelligent control system
- ✓ Abb, Siemens, Schneider and other electrical components
- ✓ Air drying device
- ✓ Air storage tank
- ✓ Air filter



5.4 Livestock abattoir machine cleaning system-----1Set

Model:QE-L204

Which is used to clean livestock slaughterhouse and equipment and ground when finished working per shift, the detail data as following:

- 1)-Power mode:3-phase electric
 - 2)-Include:15m high pressure explosion-proof steel wire pipe
- ✓ Copper tube high pressure gun
 - ✓ High density filter



- ✓ 5m water inlet PVC pipe
- 3)-Technical parameters:
 - ✓ Power: 2.2Kw
 - ✓ Rate of flow: 13L/Min
 - ✓ Max pressure:18Mpa Power mode:3-phase electric

5.5 Livestock abattoir installation tools-----1Set

Model: QE-L126

Which main use for cattle and sheep/goat and pig and poultry abattoir slaughtering equipment installation, and which mainly include following device:

- 1)-Welding Machine
- 2)-Steel Cutting Device
- 3)-Rotate Drilling Device
- 4)-Manual Lifting Device
- 5)-Welding Polishing Device
- 6)-False-work

And so on.....

