

The 50Pig Per Hour Abattoir Project Proposal

NO.: EME-221023QD-A



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I、 Pig Abattoir Project Brief Introduce

1.1 Pig abattoir main data

- 1). Religion-----General
- 2). Design capacity -----50Pig/Hour
- 3). Pig abattoir plant out size (L*W*H)----- 65000 *20000 *4500 MM
- 4). Deliver period in China -----50Days
- ✓ 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-----30Days
- 7). Pig carcass treatment way-----De-Hair Only
- 8). Voltage rating-----380V / 3P / 50HZ
- 9). Scalding temperature-----58-62°C
- 10). Scalding time-----1Minutes
- 11). Electric consumption-----600Kw/Hour
- 12). Water consumption-----50Ton/Shift
- 13). Slaughterhouse Worker-----20-30Person/Shift

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 pig abattoir equipment need one set 40HQ container and one set 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、Pig abattoir equipment price list:

No.	Items	Model	Unit	Qty
2.1、Living pig killing and bleeding equipment unit				
1.1	Living pig entrance channel	QE-P104	Set	1
1.2	Living pig three point stunning machine	QE-P106-III	Set	1
1.3	Pig sliding chute	QE-P107	Set	1
1.4	Pig killing automatic convey table	QE-P108-I	Set	1
1.5	Pig bleeding automatic chain convey rail	QE-P110-II	M	32
1.6	Pig bleeding shackle	QE-P111	Set	60
1.7	Blood collection tank	QE-P113	Set	1
1.8	Carcass cleaning platform	QE-P511-I	Set	1
1.9	Prevention screen	QE-P503	Set	1
1.10	Carcass mechanical unloading device	QE-P115-I	Set	1
2.2、Pig carcass de-hairing and evisceration equipment unit				
2.1	Pig carcass scalding and dehairing combined machine	QE-P210	Set	1
2.2	Carcass collection and hair trimming collection table	QE-P212	Set	2
2.3	Pig carcass processing manual convey rail(Tube orbit)	QE-P117-III	M	45
2.4	Vertical pig carcass automatic convey machine (Tube orbit)	QE-P117-II	M	15
2.5	Tube rail pulley hook	QE-C238-I	Set	30
2.6	Pig carcass slope lifting machine	QE-P401-I	Set	1
2.7	Carcass remnant hair scrapping platform	QE-P511-III	Set	3
2.8	Pig anus sealing and cutting platform	QE-P511-IV	Set	1
2.9	Carcass breast opening platform	QE-P511-V	Set	1
2.10	Carcass white viscera evisceration platform	QE-P511-VI	Set	1
2.11	White viscera sliding chute	QE-P408	Set	1
2.12	Carcass red viscera evisceration platform	QE-P511-VII	Set	1
2.13	Red viscera sliding chute	QE-P408	Set	1
2.14	Pig white viscera collection trough	QE-P608-I	Set	1
2.15	Pig red viscera collection trough	QE-P608-II	Set	1
2.16	Viscera inspection and packaging table	QE-P610	Set	2
2.17	Stomach/triple cleaning machine	QE-P617	Set	1
2.18	Red viscera transfer trolley	QE-P613	Set	3
2.19	Carcass inspection platform	QE-P511-VIII	Set	1
2.20	Carcass splitting platform	QE-P511-IX	Set	1
2.21	Carcass trimming platform	QE-P511-X	Set	1
2.22	Static track electronic weighing system	QE-P505-II	Set	1
2.23	Carcass cleaning platform	QE-P511-I	Set	1
2.24	Prevention screen	QE-P503	Set	1
2.25	Half carcass manual washing machine	QE-P504-I	Set	2
2.26	Central electrical control system	QE-P701	Set	1
2.3、Pig carcass chilling and deboning equipment unit				
3.1	Pig carcass chilling and deboning manual convey rail(Tube orbit)	QE-P117-III	M	125
3.2	Tube rail pulley hook	QE-C238-I	Set	500
3.3	Hook transfer trolley	QE-C239	Set	4
3.4	Carcass slope unloading machine	QE-P601-II	Set	1

3.5	Carcass segmented cutting machine	QE-P603-I	Set	1
3.6	Single layer belt convey machine	QE-L101-III	Set	1
3.7	Boneless table	QE-L102	Set	10
3.8	Trimming and packaging table	QE-L103	Set	1
3.9	Vacuum packaging machine (DZ-6)	QE-L116-I	Set	1
3.10	Static track electronic weighing system	QE-P505-II	Set	1
3.11	Carcass arm type unloading machine	QE-P510	Set	1
3.12	Standard trolley	QE-L123	Set	12
3.13	Hand washing and knife sterilizing device	QE-L202-I	Set	6
3.14	Electric control cabinet	QE-P702	Set	1

2.4、Pig abattoir installation material and auxiliary equipment unit

4.1	Equipment main support and hanging material	QE-P703	Ton	10
4.2	Equipment installation auxiliary material and accessories	QE-P704	Ton	2.5
4.3	Piston air compressor(0.8Mpa)	QE-L301-I	Set	1
4.4	Livestock abattoir machine cleaning system	QE-L204	Set	1
4.5	Livestock abattoir installation tool	QE-L126	Ton	1

I、 The pig abattoir equipment specification:

2.1、 Living pig killing and bleeding equipment unit

1.1 Living pig entrance channel-----1Set

Model: QE-P104

Which main used to connect living pig holding pen with slaughtering house for living pig entrance, main data as following:

- 1)-The dual-channel width:840mm
- 2)-The single-channel width:420mm
- 3)-Out size: 6000*1020*1090(L*W*H)
- 4)-Component and material:

- ✓ Hot galvanized square steel 50X50X3mm main frame
- ✓ Hot galvanized ϕ 48X3mm



1.2 Living pig three point stunning machine-----1Set

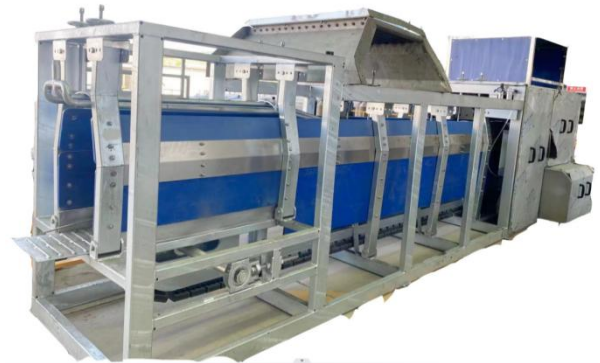
Model: QE-P106-III

Which main used to fix and convey living pig for automatic stunning, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 3Kw
- 3)-Stunning frequency: 50Hz
- 4)-Stunning current: \leq 2A
- 5)-Stunning time: \leq 5s
- 6)-Air consumption: \leq 0.5M³ /Min
- 7)-Air pressure:0.4-0.6Mpa
- 8)-Loading weight: 100 \pm 25Kg
- 9)-Missed rate: \leq 3%
- 10)-Out size:4000*1510*1700mm(L*W*H)

11)-Component and material:

- ✓ Hot galvanized main frame
- ✓ High-quality carbon steel sprockets, chains, drive shaft
- ✓ Rubber block
- ✓ Stainless steel protective cover
- ✓ PLC controlling system
- ✓ Photoelectric switches
- ✓ Frequency converter
- ✓ Intermediate relay
- ✓ Low-voltage electrical



1.3 Pig sliding chute-----1Set

Model: QE-P107

Which main used to collection stunned pig and sliding to convey table for further processing, main data as following:

- 1)-Out size: 1550*1040*545(L*W*H)
- 2)-Component and material:
- ✓ Stainless square steel 50 X 30X2mm / 40X20X2mm
- ✓ Stainless steel plate 3mm



1.4 Pig killing automatic convey table-----1Set

Model: QE-P108-I

Which main used to collect stunned pig and convey for killing, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 1.5Kw

- 3)-Chain pitch:100mm
- 3)-Out size: 4000*1870*850(L*W*H)

4)-Component and material:

- ✓ Stainless square steel 50 X 30X2mm / 40X20X2mm main frame
- ✓ Stainless square steel 75X25X2.5mm convey plate
- ✓ Stainless steel plate 2mm blood collection tank
- ✓ Stainless steel sprockets, chains, drive shaft



1.5 Pig bleeding automatic convey rail-----32M

Model: QE-P110-I

Which main used to hang pig carcass for complete bleeding with automatic convey, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 3Kw
- 3)-Push block distance:1200mm
- 4)-Max capacity: 80 Heads per hour
- 5)-Component and material:

- ✓ Hot galvanized 8# C-beam track with rail hanger
- ✓ Hot galvanized die forged chain with fingers
- ✓ High polymer wear-resistant walking wheel
- ✓ Stainless steel ϕ 60*4mm Special shaped rail
- ✓ Pneumatic feeding device
- ✓ Driving&pneumatic tension device
- ✓ Rotate device
- ✓ Frequency conversion control



1.6 Pig bleeding shackle-----60Sets

Model: QE-P111

Which main used to hang pig carcass one over head convey rail for bleeding, main data as following:

- 1)-Max load-bearing:500kg
- 2)-Material:304 stainless steel
- 3)-Length: 0.6-0.96mm



1.7 Blood collection tank-----1Set

Model: QE-P113

Which main used to collect pig blood for further treatment, main data as following:

- 1)-Out size:6000*1100*400mm(L*W*H)
- 2)-Depth:200-350mm
- 3)-Component and material:

- ✓ Stainless square steel 40X40X1.5mm
- ✓ Stainless steel plate 2mm
- ✓ Stainless steel adjusting feet M16X150mm



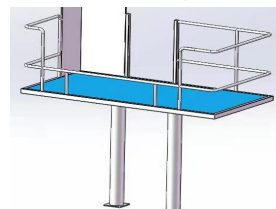
1.8 Carcass cleaning platform-----1Set

Model: QE-P511-I

Which main used to assist staffs convenient to cleaning pig carcass ,main data as following:

- 1)-Out size: 1600*1000*1500mm (L*W*H)
- 2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square



- ✓ 304Stainless steel ladder and handrail

1.9 Prevention screen-----1Set

Model: QE-P503

Which main used to prevent water and minced meat splash when splitting and washing pig carcass, main data as following:

1)-Size:3500*1550mm(W*H)

2)-Component and material:

- ✓ 50*50*2mm 304Stainless steel pillar
- ✓ 2mm 304Stainless steel plate



1.10 Carcass mechanical unloading device-----1Set

Model: QE-P115-I

Which main used to unloading pig carcass from over head convey rail to scalding tank, main data as following:

1)-Working distance: 170mm

2)-Out size: 415*500*1200mm(L*W*H)

3)-Component and material:

- ✓ Hot galvanized main frame
- ✓ Bleeding shackle guide device



2.2、 Pig carcass de-hairing and evisceration equipment unit

2.1 Pig carcass scalding and dehairing combined machine-----1Set

Model: QE-P210

Which main used to for small capacity pig abattoir and the scalding machine combine with dehairing machine, main data as following:

1)-Rated voltage / phase / frequency: 380v / 3p / 50hz

2)-Power:10Kw

3)-Dehairing machine working principle: hydraulic

4)-Scalding machine heating principle: steam heating

5)-Max Capacity:60heads per hour

6)-Maximum pig weight:200kg

7)-Scalding temperature: 58-62℃

✓ Scalding tank size: 2400*2000*2300mm (L*W*H)

✓ Dehairing machine size: 2700*1700*2080mm(L*W*H)

8)-Scalding machine component and material:

- ✓ Hot galvanized main frame
- ✓ 80mm polyurethane insulation layer
- ✓ 2mm stainless steel plate shell
- ✓ Stainless steel rotary rake

9)-Dehairing machine component and material:

- ✓ Hot galvanized main frame
- ✓ 2pcs dehairing roller with rubber sheet
- ✓ 2mm stainless steel plate shell
- ✓ Hydraulic pressure station
- ✓ Oil cylinder and hydraulic control system and soft pipe



2.2 Carcass collection and hair trimming collection table-----2Set

Model: QE-P212

Which main used to collect pig carcass for scalding and hair trimming, main data as following:

1)-Out Size:1800*1500*800 mm(L*W*H)

2)-Component and material:



- ✓ 38*38*2mm stainless square steel support
- ✓ 2mm stainless steel table board
- ✓ Stainless steel adjusting foot

2.3 Pig carcass processing manual convey rail-----45M

Model: QE-P117-III

Which main used to hang pig carcass for evisceration, chilling, boneless and so on, main data as following:

- 1)-Rail Height:2700-3300m
- 2)-Push block distance:600-800mm
- 3)-Component and material:
 - ✓ Hot galvanized 10# double channel steel
 - ✓ Hot galvanized 10# I-Beam
 - ✓ Hot galvanized refined steel casting hanger
 - ✓ Connecting bolt
 - ✓ ϕ 60*4mm 304 stainless steel tube rail (tube rail)



2.4 Vertical pig carcass automatic convey rail-----15M

Model: QE-P117-II

Which main used to hang pig carcass for bleeding, evisceration, chilling, boneless and so on, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 2.2Kw
- 3)-Push block distance:1200mm
- 4)-Max capacity: 400 Heads per hour
- 5)-Component and material:
 - ✓ Hot galvanized 8# C-beam track with rail hanger
 - ✓ Hot galvanized die forged chain with with pusher dog
 - ✓ High polymer wear-resistant walking wheel
 - ✓ ϕ 60*4mm 304 stainless steel tube rail (tube rail)
 - ✓ Pneumatic feeding device
 - ✓ Driving&pneumatic tension device
 - ✓ Frequency control



2.5 Tube rail pulley hook-----30Sets

Model: QE-C238-I

Which main used to hang pig 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 and surface hot galvanized
 - ✓ ϕ 22mm stainless steel hooks
 - ✓ Roller with 2pcs sealed bearings



2.6 Pig carcass slope lifting machine-----1Set

Model: QE-P401-I

Which main used to receive pig carcass after unloading from over head convey rail, 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
- ✓ Hot galvanized steel nylon roller 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
- ✓ ϕ 60*4mm 304 stainless steel tube rail (tube rail)



2.7 Carcass remnant hair scrapping platform-----3Sets

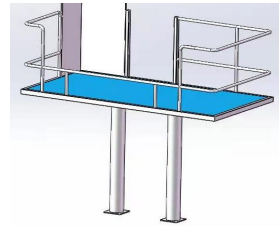
Model: QE-P511-III

Which main used for staffs removing pig carcass remnant hair when after dehaired ,main data as following:

1)-Out size: 1600*1000*1500mm (L*W*H)

2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ 304Stainless steel ladder and handrail
- ✓ Include one set hand washing and knives sterilizing device



2.8 Pig anus sealing and cutting platform-----1Set

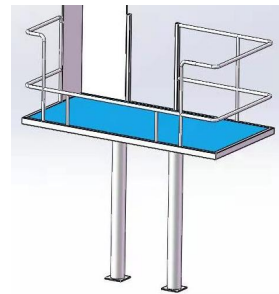
Model: QE-P511-IV

Which main used for staffs cutting pig anus ,main data as following:

1)-Out size: 1600*1000*1500mm (L*W*H)

2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ 304Stainless steel ladder and handrail
- ✓ Include one set hand washing and knives sterilizing device



2.9 Carcass breast opening platform-----1Set

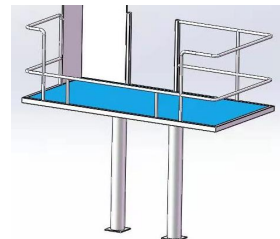
Model: QE-P511-V

Which main used for staffs opening pig breast for further evisceration ,main data as following:

1)-Out size: 1600*1000*800mm (L*W*H)

2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square
- ✓ 304Stainless steel ladder and handrail
- ✓ Include one set hand washing and knives sterilizing device



2.10 Carcass white viscera evisceration platform-----1Set

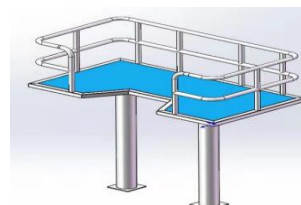
Model: QE-P511-VI

Which main used for staffs evisceration white viscera from pig carcass ,main data as following:

1)-Out size: 1600*1000*800mm (L*W*H)

2)-Component and material:

- ✓ ϕ 159mm hot galvanized steel pipe support
- ✓ 60*40*2mm hot galvanized steel frame
- ✓ 25mm Anti-skid plastic square



- ✓ 304Stainless steel ladder and handrail
- ✓ Include one set hand washing and knives sterilizing device

2.11 White viscera sliding chute-----1Set

Model: QE-P408

Which main used to collect pig viscera and transfer to appoint room for further treatment, main data as following:

- 1)-Out size: 3000*900/60mm(L*W)
- 2)-Thickness :2mm
- 3)-Component and material: Stainless steel

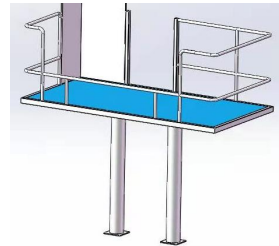


2.12 Carcass red viscera evisceration platform-----1Set

Model: QE-P511-VII

Which main used for staffs to evisceration red viscera from pig carcass ,main data as following:

- 1)-Out size: 1600*1000*800mm (L*W*H)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ 304Stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device



2.13 Red viscera sliding chute-----1Set

Model: QE-P408

Which main used to collect pig viscera and transfer to appoint room for further treatment, main data as following:

- 1)-Out size: 5500*900/60mm(L*W)
- 2)-Thickness :2mm
- 3)-Component and material: Stainless steel



2.14 Pig viscera collection trough-----1Set

Model: QE-P608-I

Which main used for collect pig red and white viscera for cleaning, main data as following:

- 1)-Out size: 6000*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



2.15 Pig viscera collection trough-----1Set

Model: QE-P608-II

Which main used for collect pig red and white viscera for cleaning, main data as following:

- 4)-Out size: 3000*900*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



2.16 Viscera cleaning and inspection table-----2Sets

Model: QE-P610

Which main used to collection livestock viscera for inspection and packaging , the detail data as following:

- 1)-Out size: 1800X900X800mm(LXWXH)
- 2)-Component and material:
 - ✓ 38*38*2mm 304Stainless steel square pipe
 - ✓ 2mm 304Stainless steel plate
 - ✓ Faucet and pipe
 - ✓ 304Stainless steel adjusting foot



2.17 Stomach/triple cleaning machine-----1Set

Model: QE-P617

Which main used to clean pig stomach of pig for food, the detail data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 4.5kw
- 3)-Water temperature: 55-60°C
- 4)-Out size: 1830*720*1140 mm(L*W*H)
- 5)-Water consume: 750L/H
- 6)-Capacity: 300Pieces / hour
- 7)-Component and material:
 - ✓ 304 Stainless steel frame base
 - ✓ 304 Stainless steel barrel type washing chamber
 - ✓ 304 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



2.18 Red viscera transfer trolley-----3Sets

Model: QE-P613

Which main used to collection pig 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 304Stainless steel frame
 - ✓ 12mm 304Stainless steel red offal hook
 - ✓ 1.5mm 304Stainless steel bottom tray
 - ✓ 4pcs nylon roller(2pcs Omni-directional wheel)

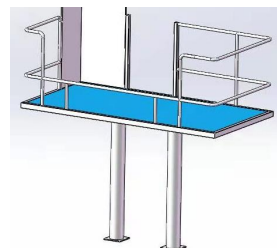


2.19 Carcass inspection platform-----1Set

Model: QE-P511-VIII

Which main used for staffs to inspect pig carcass for quality guarantee ,main data as following:

- 1)-Out size: 1600*1000*800mm (L*W*H)
- 2)-Component and material:
 - ✓ φ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ 304Stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device

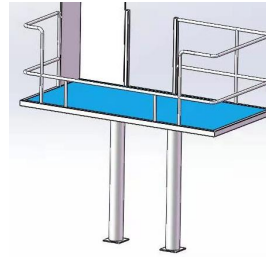


2.20 Carcass splitting platform-----1Set

Model: QE-P511-IX

Which main used for staffs to cutting complete carcass into half part ,main data as following:

- 1)-Out size: 1600*1000*800mm (L*W*H)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ 304Stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device

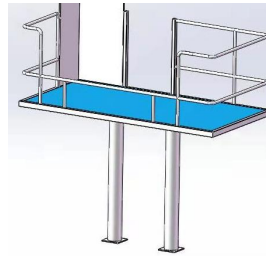


2.21 Carcass trimming platform-----1Set

Model: QE-P511-X

Which main used for staffs to trim pig carcass before send to market or storage room ,main data as following:

- 1)-Out size: 1600*1000*800mm (L*W*H)
- 2)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ 304Stainless steel ladder and handrail
 - ✓ Include one set hand washing and knives sterilizing device



2.22 Dynamic track electronic weighing system-----1Set

Model: QE-P505-I

Which is used to weight pig carcass and installation on over head convey rail, the detail data as following:

- 1)-Weight rail length: 1000 mm
- 2)-Maximum Weight: 300 Kg
- 3)-Differentiate Capacity: 50g
- 4)-Component and material:
 - ✓ Hot galvanized connectors and bolts
 - ✓ 4pcs high precision sensors
 - ✓ Weighing display with printer
 - ✓ LCD digital display
 - ✓ Data connection line
 - ✓ ϕ 60*4mm independent 304 stainless steel weighing rail (Tube rail)

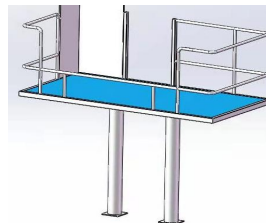


2.23 Carcass cleaning platform-----1Set

Model: QE-P511-I

Which main used to assist staffs convenient to cleaning pig carcass ,main data as following:

- 3)-Out size: 1600*1000*1500mm (L*W*H)
- 4)-Component and material:
 - ✓ ϕ 159mm hot galvanized steel pipe support
 - ✓ 60*40*2mm hot galvanized steel frame
 - ✓ 25mm Anti-skid plastic square
 - ✓ 304Stainless steel ladder and handrail



2.24 Prevention screen-----1Set

Model: QE-P503

Which main used to prevent water and minced meat splash when splitting and washing pig carcass, main data as following:

- 3)-Size:3500*1550mm(W*H)
- 4)-Component and material:
 - ✓ 50*50*2mm 304Stainless steel pillar
 - ✓ 2mm 304Stainless steel plate



2.25 Half carcass manual washing machine-----1Set

Model: QE-P504-I

Which is used to cleaning pig 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

2.26 Central electrical control system-----1Set

Model: QE-P701

Which main used for pig 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 or Delixi products
 - ✓ Synchronous control system
 - ✓ Chint or Delixipost 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、Pig carcass chilling and deboning equipment unit

3.1 Pig carcass processing manual convey rail-----125M

Model: QE-P117-III

Which main used to hang pig carcass for chilling and boneless and so on, main data as following:

- 1)-Rail Height:2700-3300m
- 2)-Push block distance:600-800mm
- 3)-Component and material:
 - ✓ Hot galvanized 10# double channel steel
 - ✓ Hot galvanized 10# I-Beam
 - ✓ Hot galvanized refined steel casting hanger
 - ✓ Connecting bolt
 - ✓ ϕ 60*4mm independent 304 stainless steel weighing rail (Tube rail)



3.2 Tube rail pulley hook-----500Sets

Model: QE-C238-I

Which main used to hang pig 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 and surface hot galvanized
- ✓ φ22mm stainless steel hooks
- ✓ Roller with 2pcs sealed bearings

3.3 Hook transfer trolley-----4Sets

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



3.4 Carcass slope unloading machine-----1Set

Model: QE-P601-II

Which main used to unload carcass from over head convey rail to boneless belt convey rail, main data as following:

1)-Rated voltage / phase / frequency: 380v / 3p / 50hz

2)-Power: 1.5kw

3)-Pusher dog:400mm

4)-Component and material:

- ✓ Hot galvanized main frame
- ✓ Nylon chain track
- ✓ Roller chain with pusher dog
- ✓ Driving and tension Device
- ✓ φ 60*4mm independent 304 stainless steel weighing rail (Tube rail)



3.5 Carcass segmented cutting machine-----1Set

Model: QE-P603-I

Which main used for pig carcass primal cutting and convey to appoint place for further boneless, main data as following:

1)-Rated voltage / phase / frequency: 380v / 3p / 50hz

2)-Power: 5.5kw

3)-Blade diameter:600mm

4)-Cutting depth: 300mm

5)-Out size: 1765*1600*1585mm(L*W*H)

6)-Component and material:

- ✓ Stainless steel main frame
- ✓ 2mm stainless steel shell
- ✓ Special material blade



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3.6 Single layer belt convey machine-----1Set

Model: QE-L101-I

Which main used to convey livestock carcass to right position for beef、mutton、pork、chicken meat boneless, main data as following:

1)-Rated voltage / phase / frequency: 380v / 3p / 50hz

2)-Power: 0.55Kw

3)-Belt width:600mm

4)-Size: 9000X720X800mm (LXWXH)

5)-Component and material:



- ✓ 38*38*2mm 304Stainless steel outrigger
- ✓ 3mm 304Stainless steel side plate
- ✓ 3mm PU or 16mm Polyethylene plate belt , Polyethylene batten bottom
- ✓ Driving and Tension device
- ✓ Frequency control

3.7 Boneless table-----10Sets

Model: QE-L102

Which main used to for beef、 mutton、 pork、 chicken meat boneless, main data as following:

1)-Out size: 900X600X800mm (LXWXH)

2)-Component and material:

- ✓ 38*38*2mm 304Stainless steel square tube
- ✓ 20mmwhite high polymer nylon board
- ✓ Reservoir at the bottom
- ✓ 304Stainless steel adjusting foot



3.8 Trimming and packaging table-----1Set

Model: QE-L103

Which main used to for beef、 mutton、 pork、 chicken meat trimming and packaging, main data as following:

3)-Out size: 1800X900X800mm (LXWXH)

4)-Component and material:

- ✓ 38*38*2mm 304Stainless steel square tube
- ✓ 1.5mm 304Stainless steel table-board
- ✓ Reservoir at the bottom
- ✓ 304Stainless steel adjusting foot



3.9 Vacuum packaging machine (DZ-6)-----1Set

Model: QE-L116-I

Which main used to pack livestock meat for freezing storage and keep fresh , main data as following:

1)-Rated voltage/phase/frequency: 380V/3P/50HZ

2)-Power:2.2Kw

3)-Max packing size:600X550mm

4)-Vacuum room size: 720*625*140mm(L*W*H)

5)-Seal: 600*(8-10)*4mm

6)-Capacity: 1000-1500Pcs per hour

7)-Out size: 1420*750*950mm

8)-Component and material:

- ✓ Stainless steel frame and vacuum cover
- ✓ High quality vacuum pump
- ✓ Intelligent control panel



3.10 Dynamic track electronic weighing system-----1Set

Model: QE-P505-I

Which is used to weight pig carcass and installation on over head convey rail, the detail data as following:

5)-Weight rail length: 1000 mm

6)-Maximum Weight: 300 Kg

7)-Differentiate Capacity: 50g

8)-Component and material:

- ✓ Hot galvanized connectors and bolts
- ✓ 4pcs high precision sensors
- ✓ Weighing display with printer



- ✓ LCD digital display
- ✓ Data connection line
- ✓ ϕ 60*4mm independent 304 stainless steel weighing rail (Tube rail)

3.11 Carcass arm type unloading machine-----1Set

Model: QE-P510

Which is used to cleaning pig half carcass by complete automatic, the detail data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 4kw
- 3)-Working principle: hydraulic
- 4)-Radius of rotation: 2m
- 5)-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



3.12 Standard trolley-----12Sets

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



3.13 Hand washing and knife sterilizing device-----6Sets

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℃
 - 4)-Component and material:
- ✓ 2mm stainless steel shell
 - ✓ High quality tap
 - ✓ Water supply interface and drain valve
 - ✓ Rotary thermostat



3.14 Electric control cabinet-----1Set

Model: QE-P702

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

- 1)-Component and material:
- ✓ Electric control cabinet
 - ✓ Low pressure control operation button
 - ✓ Power cable from electric control cabinet for equipment motor
 - ✓ Control cable from electric control cabinet for low voltage control



2.4、 Pig abattoir installation material and auxiliary equipment unit

4.1 Equipment main support and hanging material-----10Tons

Model: QE-P703

Which main used for pig 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:

- ✓ DN114 Hot galvanized steel column
- ✓ Hot Galvanized Main Steel Beam
- ✓ 25# I-beam,250*118*10
- ✓ 20# I-beam,200*102*9
- ✓ 18# I-beam,180*102*9
- ✓ 16# I-beam,160*102*9



4.2 Equipment installation auxiliary material and accessories-----2.5Tons

Model: QE-P704

Which main used for pig 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



4.3 Piston air compressor(0.8Mpa)-----1Set

Model: QE-L301-I

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: 7.5+0.375Kw
- 3)-Exhaust pressure: 0.8Mpa
- 4)-Capacity:1.0m³/min
- 5)-Air storage tank capacity:250L
- 6)-Weight:326kg
- 7)-Out size:1660*650*1140mm(L*W*H)
- 8)-Number of cylinders: 3Pcs
- 9)-Compression stage: 1-stage compression
- 10)-Component and material:
 - ✓ IP54 totally enclosed dust-proof motor
 - ✓ Cast iron structure air compressor head
 - ✓ Belt drive system
 - ✓ Carbon steel air storage tank
 - ✓ Air drying device
 - ✓ Air filter



4.4 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

4.5 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.....

