## Appendix-A

## The 1000-1500Cattle per Day Abattoir Equipment Quotation and Specification

NO.: QE-131213QD-A DATE: January 21, 2014

#### **BETWEEN**

## **QINGDAO EMPIRE MACHINERY CO., LTD (EME)**

ADDRESS: 2003, KAIJIN BUILDING SUZOU ROAD JIAOZHOU
QINGDAO CITY SHANDONG PROVINCE, CHINA
TEL: +86 532 87237613 FAX: +86 532 87210193
WEBSITE: WWW.EME-MACHINERY.COM

**ATTENTION: ALEX LIU (EXECUTIVE DIRECTOR)** 

AND

## **SLN MEAT SUPPLIES PTY LTD OF CAMBODIA**

ADDRESS: PREK TOAL VILLAGE, TEUK THLA COMMUNE,
PREY NUP DISTRICT, PREAH SIHANOUK PROVINCE, CAMBODIA
CONTACTOR: NGOUN LIM (MANAGING DIRECTOR)
TEL/FAX:

#### **I.** Design Capacity: The design base on international standard and Australian Standard and EU Standard:

➤ The Cattle Processing Capacity: 1000-1500 Per Day

#### II. Deliver Items base on CIF:

- Loading Port: Qingdao Port/Station of China
- Discharge Port: Sihanoukville Port of Cambodia

#### III、Quality Standard:

➤ The equipments are in compliance with the related ISO9001: 2000 Standard

#### IV Packaging Item:

Original factory packaging loading in container

#### **V**、Transportation Way:

The complete cattle abattoir equipment need Eight piece 40GP container for transportation by sea

### VI、 Products Deliver And Installation/Debugging Items:

	Deliver Time In China (Day)	Installation Technicians (Person)	Installation & Debugging Time (Day)	Technicians' Salary (Shift/Person)	
Cattle Abattoir Project	50-60	5	40	USD 50	
Remark: The delivery as per buyer's down-payment value have been received in China					

#### VII、Payment Way:

The total invoice value will be payment as three time, the detail as "Sale Contract; Article Three"

#### VIII、Installation and Debugging:

- The quotation have include equipment installation and debugging direction salary of technicians, but not include international re-turn air tickets cost of technicians, accommodation and transport cost 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 \$50 us dollar per technicians per shift for postponed time.

#### IX Quality Guarantee:

The quality guarantee period of all equipments is 12 months since the date when the installation and debug have been finished, the equipments are made available to buyer and signature is made on the Buyer's Completed Bill.

#### X Machinery Maintaining:

The seller will appoint two well skilled technicians stay in buyer factory for equipment maintain staffs training technicians training for one year, the buyer charge the accommodation and round-trip tickets of technician, the salary of technicians charge free.

## **Project Brief Introduction**

I. Cattle Abattoir Out Size: 120000 X 58880 X 6500 (LXWXH) MM

II、Voltage Rating: 380V / 3P / 50HZ

#### III、Cattle & Sheep/goat Abattoir Consumption Items:

	Water (Ton/Shift)	Power (KW/H)	Labors (Person/Shift)
Cattle Abattoir Project	200	190	150

#### IV Livestock Abattoir Electric Wire:

The electric wire from machine to electric cabinet have been include in total quotation, the electric wire from electric controlling cabinet to stated grid do not include in quotation which will supply by buyer himself according to slaughtering plant located condition

#### V. Livestock Abattoir Hot Water Solution Systems:

> The hot water heating boiler have been included in total quotation for livestock slaughtering plant

#### VI、 Livestock Abattoir Refrigeration Systems:

The total quotation not include any refrigeration systems for livestock slaughtering plant (if the buyer require refrigeration machine then the buyer need special note the seller for quotation)

#### VII. Livestock Abattoir Rendering Plant Systems:

The total quotation not include anything for rendering plant equipment, the rendering plant systems mainly used to processing livestock abattoir solid water (hair, blood, viscera, claws, head and so on) for animal feeds (if the buyer require rendering plant machine then the buyer need special note the seller for quotation)

#### VIII、Livestock Abattoir Sewage (Waste Water) Treatment Systems:

The total quotation not include anything for livestock abattoir sewage treatment, (if the buyer require sewage treatment machine then the buyer need special note the seller for quotation)

#### IX、 The Livestock Abattoir Equipment Sum-Total (Amount) Sheet:

	, ,
NO.	ITEMS
	Living Cattle Bleeding and Carcass Processing Unit
II	Cattle Carcass Chilling Treatment Unit
III	Cattle Quarter Carcass Processing Unit
IV	Cattle Carcass De-boning and Packaging Unit
V	Cattle Abattoir Auxiliary Device and Material Unit

# Cattle Abattoir Equipment List

NO.	ITEMS	MODEL	UNIT	QTY/PHOTOS
	le Bleeding and Carcass Processing Unit	III O D L L	O TATE	Q11/110100
1	Living Cattle Gross-weight Scale System	QE-C101	SET	2
Which used to so as following: 1)-Rated voltage: 2)-Max Weighting 3)-Out size: 2500.	ale living cattle gross-weight before entrance into slaughtering house			
2	Living Cattle Leading Machine	QE-C102	SET	2
1)-Rated Voltage: 2)-Power: 1.5Kw/s 3)-Leading speed 4)-Leading Chain 5)-Size:  ➤ 110002 ➤ 190003	set : 12m/min	detaii data as to	bllowing:	
3	Living Cattle Pneumatically Gun (Original: USA)	QE-C106	SET	2
which mainly used	d to stunning living cattle when cattle inside killing box, the detail data	as following:	I	
2)-Capacity: 80ca 3)-Air Consumptio 4-Air compressed	on: 41L/Min : 160-190 PSI (11-13.1 BAR) :X140X381mm (LXWXH) ess steel			
4	Living Cattle Pneumatic Fixed Killing Box	QE-C104-I	SET	2
1)-Air compressor 2)-Air consume per 3)-Cylinder size o	·	e detail data as fo	ollowing:	
, , ,	X900X2000mm (LXWXH)			
6)-Material:  Alloy g	as party ete stainless steel			
5	Cattle Collection Grid Plate	QE-C105	SET	2
Which used to collection the cattle when finished stunning that avoid living cattle hurt before hanging, the detail data as following:  1)-Out size: 2700X1300mm(LXW)  2)-Material: stainless steel				
6	Living Cattle Stunning Platform	QE-C227-I	SET	2



Which used to support the staff hanging the cattle on the slaughtering covey line, the detail data as following:

1)-Out size: 1200X800X1000mm (LXWXH)

2)-Material: Complete stainless steel



**PCS Living Cattle Limited Bolt** QE-C103

Which used to fasten the cattle for hoist on the hang convey line, the detail data as following:

1)-Size: L=1400mm \ Diameter: ∮ 120mm

2)-Material: stainless steel



8 **Vertical-Type Cattle Lifting Machine** QE-C107-I SET Which is used to hoist the living cattle and injured on automatic conveying rail for killing and bleeding, the detail data as following:

1)-Power: 1.5Kw

2)-Hoisting ability: 2000Kg 3)-Hoisting Speed: 14m/min

4)-Hoisting height: 7m 5)-Rating voltage: 380V<sub>AC</sub>

6)-Controlling voltage: 24V<sub>DC</sub> 7)-Decelerate machine: XLED-1.5-74-1/289

8)-Material:

the wire is stainless steel

Stainless steel support frame



9 QE-C110 2 **Cattle Bleeding Electric Stimulation Device** SET

Which mainly used to stimulation cattle for entire bleeding within thirty second when finished killing, the detail data as following:

1)-Rated Voltage: 220V 50HZ

2)-Power: 50W

3)-Stimulation Voltage: 21V 4)-Stimulation Current: 0.25A

5)-Stimulation time: 10-30seconds/per time

6)-Air consume: 3L

7)-TQGB: 80X1400, TSC: 80X250

8)-Out size: 1991X1027X4800mm(LXWXH)



10 Cattle Abattoir (slaughter) Automatic Over Head Convey Rail QE-C111-I Which used to hanging and conveying living cattle for killing bleeding hooves removal, the detail data as

following:

11

1)-Motor Power: 3KW

2)-Distance of the hanging frame: 160cm 3)-Material: Complete stainless steel

4)-Length: 55 meter

Remark: the systems include following device (the tension device used to fasten the automatic over head convey rail when it relax.)

Driving Device -----1PC Tension device -----1PC

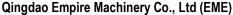
Rotator device -----2PCS

**Cattle Bleeding Shackle** 



QE-CA01

EME - Livestock Slaughterhouse Equipment Professional Manufacture



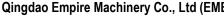


Which is used to fasten living cattle hind legs and hanging on automatic convey rail for bleeding .the detail data as following: 1)-Composing: joint with the ring of stainless steel, the size of the ring is: diameter 8 mm 2)-Material: stainless steel **Cattle Bleeding Shackle Re-Turn Descending Machine** QE-C109-III **SET** Which mainly used to convey cattle bleeding shackle for re-used, the detail data as following: 1)-Rated voltage: 380V<sub>AC</sub> 3)-Driving power: 2.2Kw 3)-Material: complete stainless steel Cattle Abattoir (slaughter) Manual Over Head Convey Rail **QE-C111-II** 170 Which mainly used in living cattle bleeding carcass processing, the detail data as following: 1)-Hanger Model: H225 2)-Hanger Distance: 600-800mm 3)-Relative Fork: 1RG, 2RG, 1LG, 2LG 4)-Material: Complete stainless steel 14 **Cattle Hooks Trolley Lifting Machine** QE- C107-II Which mainly used to lift the idle hooks trolley to enough height position for carcass re-hanging hooks change, the detail data as following: 1)-Power: 1.5Kw 3)-Hoisting ability: 500Kg 4)-Hoisting Speed: 8-14m/min 5)-Hoisting height: 6M 6)-Rating voltage: 380V<sub>AC</sub> 7)-Decelerate machine: XLED-1.5-74-1/289 8)-Material: the wire is stainless steel Stainless steel support frame Cattle Abattoir (Slaughter) Carcass Processing Pulley Hooks QE-CA02 SET 15 300 Which mainly used to hanging cattle carcass one convey rail for carcass processing, carcass acid treatment, cattle carcass pre-de-boning, the detail data as following: 1)-Material: stainless steel 16 Cattle Hind-Leg Pre-Skinning Platform QE-C227-II SET Which mainly used to pre-skinning hind legs for further cattle skin removed, the detail data as following: 1)-Out size:1800X1000X1500mm (LXWXH) 2)-Material: Complete stainless steel 17 Cattle Horns Removed Circular saw (Original: USA) QE-C224 SET 2 Which mainly used to removed horn of cattle, the original made in USA, the detail data as following: 1)-Design principle: Motor Driving 2) -Rated voltage: 380V<sub>AC</sub>, 50HZ 3)-controlling voltage: 24V<sub>DC</sub> 4)-Power: 1.7Kw 5)-Capacity: 80Cattle per hour 6)-Out size: 686X280mm(LXD)

7)-Material: Stainless steel & carbon steel

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8)- include following auxiliary device:				
> One set balancer				
9)-Weight: 18.1kg				
18 Cattle Hooves Removed Scissors (	Original: USA)	QE-C201	SET	2
Which mainly used to removed hooves of cattle, the detail da	· ·	QL OZUI	J OL.	
1)-Capacity: 4Second/Pc	a ao ionowing.			
2)-Design principle: Hydraulic pressure				
3)-Diameter: 12mm				
4)-Out size: 280X380X1700mm(DXWXH) 5)-Air consumption: 5.6L/T				Total S
6)-Material: Carbon Steel & Stainless steel				
7)-Weight: 18kg				A B
8)-Remark: Include on set balancer				_
19 Circulate Saw and Scissors Steril	zing Device	QE-C210	SET	7
Which main used to sterilizing brisket opening saw pe	r cattle per time with hot	water, the detail	data as	
following:				
1)-Material: stainless steel 2)- Out size: 660X360X800mm(LXWXH)				
		T	Ι.	E 2
20 Cattle Carcass Re-hanging Lifting	<u> </u>	QE- C107-II	SET	2
Which mainly used to take carcass the bleeding conve	y rail to carcass processing	ng convey rail fo	r further	
processing, the detail data as following:				
1)-Power: 1.5Kw				
3)-Hoisting ability: 1000Kg				
4)-Hoisting Speed: 8-14m/min				
5)-Hoisting height: 3M				
6)-Rating voltage: 380V <sub>AC</sub>				7 / -
7)-Decelerate machine: XLED-1.5-74-1/289				• [
8)-Material:				
➤ the wire is stainless steel				
Stainless steel support frame				
21 Cattle Carcass Re-hanging P	atform	QE-C227-V	SET	2
Which used to support workers to assist lifting machine to	• •	_	ey rail to	
carcass processing convey rail, meanwhile removed hind	nooves of cattle the detail da	ata as following:		
1)-Out size:1800X1000X1500mm (LXWXH)				
2)-Material: Complete stainless steel				
22 Cattle Hooves Sliding Cha	nnel	QE-C202	SET	2
			1	
Which used to un-loading cattle hooves from higher le	el to hooves transportation	n cart, the detail	data as	
following:				
1)-Material: complete stainless steel				<b>上</b>
23 Livestock Abattoir(Slaughter) Star	dard Trolley	QE-TD107	SET	Back, Hoors Sliding Barrel
Which main used to collection livestock hooves transport	<u> </u>			
following:	•			
1)-The wheels are the 6-cun polyurethane wheels				
2)-Material:  Stainless steel main tank				
Strongly nylon wheel				6
3)-Size: 600X600X600mm(LXWXH)		1	1	
24 Cattle Head Cleaning Mac	nine	QE-C115	SET	2





Slaughter	house Equipment			
1)-Ter 2)-Ter 3)-Ou	used to cleaning cattle head for food, the detail data as following: apperature of the water: warm apperature of the sterilizing water for knives: 80°C asize: 820X820X1870mm(LXWXH) terial: Stainless steel cleaning device			
25	Cattle Abattoir (slaughter) Single-Pillar Pneumatic Elevator	QE-C207	SET	11
following 1)-Ele 2)-Ele 3)-Boa	used for cattle skin pre-skinning, skin removed, carcass inspection, carcass trimming and ang: vating ability: 120Kg vating height: 1600mm ard size: 1000X700mm(LXW) compressor pressure: above 6Mpa	nd so on, the detai	il data as	
5)-Ele	vating speed is adjustment			
6)-Air 7)-Rat 8)-Wo 9)-Ou	consume: 8L/time ed Air pressure: 0.8MPa rking Air pressure: 0.6Mpa size: 700X600X3800mm(LXWXH) aterial: Complete stainless steel			
26	Cattle Abattoir (slaughter) Dual-Pillar Pneumatic Elevator	QE-C217	SET	6
following 1)-Air 2)-Elee 3)-Elee 4)-Rate 5)-Air	compressor capacity: 6Mpa-10Mpa vating height: 1600mm vating speed: adjustment ed pressure: 0.8Mpa. Working Pressure: 0.6Mpa consume (Up and down): 13L/Time	cutting, the detail	data as	
•	vating ability: 250Kg			<b>1</b>
8)-Ou 9)-Ma	ard size: 1900X1000mm  a size: 1100X900X3800mm  derial:  Stainless steel mainly frame  Stainless steel mainly support panel  Stainless steel shell hand rail			
27	Cattle Fore-Leg Fixture Bolt	QE-C206	SET	2
follow	used to fixed cattle fore legs without moving when remove skin from cattle cang: terial: stainless steel	rcass, the detail	data as	
28	Hydraulic Type Cattle Skin Removed Machine	QE-C204	SET	1
		•		•





Which mainly used to removing skin from cattle carcass and the skin will complete be removing without broken, and the machine must be used with over head convey rail, the detail data as introduction as following:

1)- Rated voltage: 380V<sub>AC</sub>

2)-Motor rotate speed: 100~2000R/Min, Cylinder journey: 2200mm

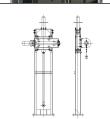
3)-Hydraulic pressure station power: 5.5Kw

4)-Capacity: 30-50cattle/h

5)-Hydraulic pressure station working pressure: 6.3-8Mpa

6)-Out size: 1500X635X4936mm(LXWXH) 7)-Material: complete stainless steel

8)-Operation procedure: when the cattle arrived to skin removed position, fasten the skin on skin removed roller through s-s chain then turn on machine "down" switch to complete removed skin, meanwhile there two staffs will assistant separate skin from beef beside the machine to avoid the skin broken.



4

29 Pneumatic Cattle Skin Removed Knives (Original: USA) QE-C205-I SET

Which mainly used to assist hydraulic skin removed machine to removed cattle skin, the detail data as following:

1)-Blade diameter: 110mm

2)-Air Pressure: 3.5Mpa, 0.35CM<sup>3</sup>/min

3)-Weight: 1.3Kg

4)-Material: stainless steel



SET

QE-C208-II

**Cattle Skin Belt Conveying Systems** Which mainly used to conveying the livestock skin to appoint room for further processing, the detail data as following:

)-Rated Voltage: 220/380V<sub>AC</sub>, controlling voltage: 24D<sub>AC</sub>

2)-Motor Power: 0.75Kw 3)-Speed: 15m/min

4)-Material:

 $\triangleright$ Stainless steel main support

 $\triangleright$ Nylon belt

5)-Out size: 16000X600X300mm (LXWXH)



31 **Automatic Carcass Processing Conveying Systems** QE-C203 SET 2

Which mainly used to assist cattle carcass processing convey rail for brisket pre-skinning, skin removed, brisket opening, viscera removed and so on, the detail data as following:

1)-Unit:

Eighteen Unit Fourteen Unit

2)-Rated voltage: 380V<sub>AC</sub>

3)-Controlling voltage: 24V<sub>DC</sub>

4)-Driving power: 2.2Kw 5)-Air consume: 5L/Time

6)-the convey speed is fix, the working position stop time is available adjust

7)-Distance of work position: 2400mm

8)-Air cell: EB-215-215

9)-Hoist cylinder: TQGA-160X50-FA 10)-Material: complete stainless steel

32 Cattle Carcass Brisket Opening Saw (Original: USA) QE-C209-C SET







Which main used to opening cattle brisket for evisceration, the detail data as following:

1)-Rated voltage: 380V<sub>AC</sub>, 50HZ 2)-Controlling voltage: 24VDC

3)-Power: 1.1.Kw

4)-Opening brisket time: 5~10s per cattle

5)-Saw blade journey: 60mm

6)- include following auxiliary device:

One set balancer  $\triangleright$ Five pieces blade

7)-Remark:

The cattle abattoir (slaughter) capacity less than 50 per shift adopt original Chinese brand saw,

The cattle abattoir (slaughter) capacity more than 100per shift adopt original USA brand saw.

33 **Cattle Brisket Opening Saw Sterilizing Device** QE-C210 SET

Which main used to sterilizing brisket opening saw per cattle per time with hot water, the detail data as following:

1)-Material: stainless steel

2)- Out size: 660X360X800mm(LXWXH)

QE-C227-VII 34 **Cattle Brisket Opening Platform** SET 2

Which mainly used to support worker for breast opening, the detail data as following:

1)-Out size: 1200X1000X1500mm(LXWXH)

2)-Material:

High strength plastic support plate (grid type)

All rest are stainless steel

35 Cattle White Viscera Un-load Collection trough QE-C213 2 SET

Which mainly used to slid cattle white and red viscera to appoint room for further treatment, the detail data as following:

1)-Out size:

11800X1200mm(LXW)

12800X750mm(LXW)

2)-Material: complete stainless steel

**Ground Type White Viscera Conveying Systems** QE-C212-II SET

Which mainly used to reception cattle white viscera from un-loading trough and convey to appoint place for inspection and further treatment, the detail a following:

1)-Rated Voltage: 380V/3P/50HZ

2)- Power: 3Kw

3)-Tray Distance: 2100mm

4)-Material: Stainless steel

5)-Include following device:

Driving motor

Tension device

Sterilizing device

37 Hang Type Cattle Red Viscera Conveying Systems QE-C212-III SET 2

Which mainly used to convey cattle head & red viscera to appoint place for inspection and further processing. the detail data as following:

1)-Rated Voltage: 380V/3P/50HZ

2)- Power: 1.5Kw

3)-Hooks Distance: 2100mm

















4)-Convey speed: 4-9min 5)-Material: complete stainless steel **Livestock Viscera Treatment Table** 38 **QE-TD108** SET Which mainly used for livestock viscera treatment, the detail data as following: 1)-Out size: 1800X900X800 mm(LXWXH) 2)-Material: Complete Stainless steel main support 3)-Remark: Connect with bolt **Cattle Head & Red Viscera Transportation Trolley** QE-C216 SET Which main used to hanging and transport cattle red viscera to appoint place for further processing, the detail data as following: 1)-Material: stainless steel Cattle Abattoir (slaughter) Half Carcass Band Splitting Saw (Original: 40 QE-C219-C SET USA) Which main used to cutting complete cattle carcass into half part along back, the detail data as following: 1)-Rated voltage: 380V<sub>AC</sub>, 50HZ 2)-controlling voltage: 24V<sub>DC</sub> 3)-Power: 2.2Kw 4)-Cutting width: 470mm 5)-Length of blade: 2904mm 6)-Out size: 1350X400X500mm(LXWXH) 7)-Material: Stainless steel 8)- include following auxiliary device: One set balancer Five pieces blade 9)-Remark: The cattle abattoir (slaughter) capacity less than 50 per shift adopt original Chinese brand saw, The cattle abattoir (slaughter) capacity more than 100per shift adopt original USA brand saw. 41 **Band Splitting Saw Sterilizing Device** QE-C220 SET Which main used to sterilizing band splitting saw per cattle per time with hot water, the detail data as following: 1)-Made of 2-mm-thickness stainless steel sheets. 2)-Out Size: 1060x360x1200 mm (LXWXH) 3)-Exclude piping installation of supplied water and drainage pipes. 42 **Cattle Carcass Splitting Cutting Prevention Screen** QE-C221 **SET** 2 Which mainly used to prevention dog-meat splash everywhere of slaughtering house, for keeping slaughtering plant cleaning, the detail data as following: 1)-Material: complete stainless steel 2)-Out size: 3500X1500X2mm (LXWXH) 43 **Carcass Trimming & Inspection Platform QE-C227-IX** SET 5 Which mainly used to support staffs for carcass inspection \(\sigma\) viscera inspection and carcass trimming, the detail data as following: 1)-Material: Complete stainless steel 2)-Out size: 1200X800mm(LXW)

1800X800mm(LXW)

Slaughter	house Equipment Web: WWW	.eme-abattoir.com	Mobile	e/Whatsapp: +86 15154298833
44	Cattle Carcass Weighting Scale Systems	QE-C223	SET	2
1)-Ler 2)-Inc Maxim Resol	used to scaling half cattle carcass and installation on convey rail, the detail data ngth: 800 mm. luding a display screen and a printer. num Weight: 400 Kg. ving Power:	as following:		THE STATE OF THE S
300 –	50 Kg 50g 300 Kg 100g 600 Kg 200g 1000 Kg 500g			
45	Carcass Automatic Cleaning Machine	QE-C222	SET	1
Which used to cleaning half cattle carcass for further acid treatment, the detail data as following:  1)-Type: induction controlling  2)-Material: complete stainless steel (Thickness: 2mm)				
46	Cattle And Sheep/goat Tripe(Stomach) Cleaning Machine	QE-C214	SET	2
1)-Rat 2)-Mo 3)-Wa	n mainly used to cleaning inside of tripe for food, the detail data as following: ted Voltage: 380/220V <sub>AC</sub> , Controlling Voltage: 24D <sup>AC</sup> tor Power: 4/5.5KW (Double speed) ter temperature: 55°C-60°C oduction Capacity: 50 PCS/H			
5)-Ou	t size: 1190X825X ⊄ 850mm(LXHXD) terial: Complete stainless steel			
47	Livestock Abattoir(Slaughtering) Hand Washing And Knives Sterilizing Device	QE-TD201	SET	8
the de 1)-Ent 2)-Val	n mainly used to cleaning hand and knives sterilizing with hot water and the hot we tail data as following: trance and exit pipe: DN1/2" ve: DN1/2" t size: 1400X500X400mm(LXWXH)	ater temperature	is 82ºC,	
4)-Ma	terial: Complete stainless steel			
48	Livestock Abattoir (Slaughtering) Apron Device	QE-TD203	SET	6
1)-Ou 2)-Ter	n mainly used to cleaning apron when finished slaughtering per shift, the detail da t size: 640X640X1500mm(LXWXH) nperature: 42 <sup>0</sup> C terial: Stainless steel	ta as following:		1
II、C	Cattle Carcass Chilling Treatment Unit			
1	Cattle Abattoir (slaughter) Manual Over Head Convey Rail	QE-C111-II	M	1280
detail 1)-Hai 2)-Hai 3)-Rel	mainly used for livestock carcass chilling half carcass blasting freezing half data as following: nger Model: H225 nger Distance: 600-800mm lative Fork: 1RG, 2RG, 1LG, 2LG terial: Complete stainless steel	carcass cold stora	age, the	
2	Cattle Abattoir (Slaughter) Carcass Chilling Pulley Hooks	QE-CA02	SET	3100
cattle	mainly used to hanging cattle carcass one convey rail for carcass processing carcass pre-de-boning, the detail data as following: terial: stainless steel	carcass acid treat	ment 、	3

Qingdao Empire Machinery Co., Ltd (EME) Address: #50 Suzhou Road Jiaozhou Qingdao City Shandong Province, China Web: www.eme-abattoir.com Mobile/Whatsapp: +86 15154298833 **Idle-Hooks Transportation Trolley** QE-C226 SET Which mainly used to transport idle cattle and sheep/goat slaughtering plant hooks for re-using, the detail data as following: 1)-Capacity: 120 hooks per cart 2)-Out size: 1800X700X1350mm (LXWXH) 3)-Material: stainless steel III、Cattle Quarter Carcass Processing Unit Cattle Abattoir (slaughter) Manual Over Head Convey Rail For Quarter 1 QE-C111-II 40 М **Carcass Cutting** Which mainly used for livestock quarter carcass cutting and deliver, the detail data as following: 1)-Hanger Model: H225 2)-Hanger Distance: 600-800mm 3)-Relative Fork: 1RG, 2RG, 1LG, 2LG 4)-Material: complete stainless steel Cattle And Pig Quarter-Carcass Descending Machine QE-C109-II used to un-loading cattle and pig carcass from high convey rail(H=3.6m) to low convey rail(H=2.4m) for de-boning and other processing, the detail as following 1)-Rated Voltage: 380V/220V, 50HZ 2)-Power: 2.2KW 3)-Descend level: 1200 mm 4)- Conveying Track Size: ∮ 60x5 5)-Material: Stainless steel QE-C108-II **Cattle Quarter-Carcass Lifting Machine** SET Which mainly used to lifting fore-quarter from 1.2meter level to 2.4meter level over head convey rail 1)-Rated Voltage: 380V/220V, 50HZ 2)-Power: 1.5 KW. 3)-Lifting Height: 1200 mm 4)- Conveying Track Size: ∮ 60x5 5)-Material: Stainless steel QE-C224 Cattle Quarter Carcass Circular saw (Original: USA) SET Which mainly used to cut half cattle carcass into guarter carcass, the original made in USA, the detail data as following:

1)-Design principle: Motor Driving 2) -Rated voltage: 380V<sub>AC</sub>, 50HZ

3)-controlling voltage: 24V<sub>DC</sub>

4)-Power: 1.7Kw

5)-Capacity: 80Cattle per hour 6)-Out size: 686X280mm(LXD)

7)-Material: Stainless steel & carbon steel 8)- include following auxiliary device:

One set balancer

9)-Weight: 18.1kg

5 Livestock Abattoir (Slaughtering) Apron Device

QE-TD203 SET

Which mainly used to cleaning apron when finished slaughtering per shift, the detail data as following:

1)-Out size: 640X640X1500mm(LXWXH)

2)-Temperature: 42°C3)-Material: Stainless steel







Slaughterh	nouse Equipment YVCD. WWW.	errie-abattoir.com	IVIODIIV	e/wilaisapp. +60 15154296655
IV. C	Cattle Carcass De-boning and Packaging Unit			
1	Cattle Abattoir (slaughter) Manual Over Head Convey Rail For De-boning  And Packaging Unit	QE-C111-II	M	105
1)-Han 2)-Han 3)-Rela 4)-Mat	mainly used in living cattle carcass for pre-de-boning, the detail data as following nger Model: H225 nger Distance: 600-800mm ative Fork: 1RG, 2RG, 1LG, 2LG rerial: complete stainless steel			
2	Cattle And Pig Carcass Subsection Cutting Saw	QE-C225	SET	2
as follo 1)-Saw 2)-Out 3)-Saw 4)-Pow 5)-Wei 6)-Rate	mainly used to cutting cattle and pig quarter carcass into small subsection for dowing: v size: 350X290mm (LXW) size: 700X720X1700mm v blade size: 2400X16mm ver: 2.2KW ight: 135KG ed Voltage: 380V ierial: complete stainless steel	e-boning, the de	tail data	
3	Single-Layer Type Livestock Carcass De-Boning Conveyor	QE-TD101-I	SET	5 1
1)-Rate 2)-Mot 3)-Spe 4)-Len 5)-Mat > S > N 6)-Out	Stainless steel main support Nylon belt	lowing:		
4	Magnetic Induction Metal Detector	QE-TD220	SET	1
1)-Valid 2)-Rate 3)-Pow 4)-Dete 5)-Wei 6)-Len 7)-Dete 8)-Dete 9)-Dete	mainly used for separate the meat that insert some metal, the detail data as follows:  d: Needle, Wire, Copper, Aluminum, Tin, Stainless Steel, Iron and other metals ed Voltage: 380V/ 3P / 50HZ  ver: 2.5Kw  ection Metal Size: 0.8-3.5mm  ight: 2000Kg  gth: 1600mm  ect Height: 200mm  ect Wide: 300mm  ection Sensitivity:  Fe φ: 1.2mm  SUS φ: 2.0mm	wing:		

5

Livestock Meat De-Boning Collection And Selection Table

1

QE-TD102

**SET** 



Qingdao Empire Machinery Co., Ltd (EME) Address: #50 Suzhou Road Jiaozhou Qingdao City Shandong Province, China Web: www.eme-abattoir.com Mobile/Whatsapp: +86 15154298833 Which mainly used to reception livestock meat when finished de-boning and convenient for separate for packaging, the detail data as following 1)-Out Size = ∮ 1600\*630 mm 2)-Material: Stainless steel main support Anti-slide no poison white PE sheet 6 **Livestock Carcass De-boning Table QE-TD103** SET 80

Which mainly used livestock carcass de-boning, the detail data as following:

1)-Out size: 1000X800X800 mm(LXWXH)



Which mainly include livestock killing, trimming, de-boning, the detail data as following:

1)-Length: 18cm

2)-Material: Stainless steel

8	Knives Scabbard	QE-TD637	PCS	300
Whic	h mainly used for de-boning knives hanging for safe used when finished de-boning			NO PHOTOS
9	Livestock Knives Sharper Sticks	QE-TD112	PCS	100

Which used for knifes sharp when knifes blunt, The detail data as following:

1)-Size: 8"/20cm

10 Grinding Stone QE-TE-01 SET	2
--------------------------------	---

Which mainly used for pig abattoir knives shaping, the detail data as following:

1)-Power: 120W 2)-Weight: 2.2Kg

3)-Out Size: 370X260X220(LXWXH)mm

Which mainly used for livestock packaging, the detail data as following:

1)-Out Size: 1800x900x800 mm(LXWXH)

2)-Material: Complete stainless steel

12	Big Size Dual Chamber Vacuum Packaging Machine	QE-TD115-III	SET	2

Which mainly used to package complete poultry carcass, poultry meat, beef, mutton and so on, in order to keep more long time when send to market for selling, that mainly used in small size slaughtering plant, the detail data as following:

1)-Design Principle: Vacuum

2)-Material: Stainless steel, water proof and damage proof

3)-Out size: 1690×1710×1325, Vacuum room size: 1240×540×93 1 mm(L\*W\*H)

4)-Power: 6kw

5)-Seal: 400/800/1000\*(8-10)\*4mm 6)-Capacity: 2000-3000per hour

13	Livestock Meat Automatic Thermal Shrink Packaging Machine	QE-TD116	SET	2
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Which mainly used to packaging livestock and poultry carcass for sell in super market, the detail data as following:

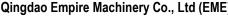
1)-Heating Style: Electric

2)-Valid Material: POF、PP、PVC 3)-Out size:1400X730X1450mm

4)-Packaging Size: 550X400X300mm(L\*W\*H)









Qingdao Empire Machinery Co., Ltd (EME) Address: #50 Suzhou Road Jiaozhou Qingdao City Shandong Province, China

	Web: www.eme-abattoir.com		e/Whatsapp: +86 15154298833
5)-Power: 5kw			
5)-Capacity: 1500-2000Pieces per shift			
6)-Material: Stainless steel			
14 Strapping Machine	QE-TD116-I	SET	4
Which mainly used for different size carton packaging, the detail data as follo	wing:	1	
1)-Rated Voltage: 220V/ 50HZ	ŭ		
2)-Power: 0.18Kw			200
3)-Minimum Packaging Size: 60mm			- O - 1
4)-Strapping Tape: 6-15mm			
5)-Packaging Speed: 1.5Second per pieces			
6)-Out Size: 895×565×735mm (LXWXH)			•
7)-Weight: 68Kg			
8)-Material: Hot galvanized steel			
15 Ground Type Livestock Meat Weighing Scale	QE-TD114	SET	6
Which mainly used to weigh poultry meat, beef, mutton, pork and so on for	selling in market, the detai	l data as	
following:	-		
1)-Max Capacity: 600kg			
2)-Min Capacity: 30kg			
3)-Definition: 30kg/1g			
Remark: Supply difference capacity weight systems according to the clients r	equire		
16 Livestock Abattoir(Slaughter) Standard Trolley	QE-TD107	SET	8
Which main used to collection livestock meat transportation to appoint place for treat 1)-The wheels are the 6-cun polyurethane wheels 2)-Material:  Stainless steel main tank  Strongly nylon wheel 3)-Size: 600X600X600mm(LXWXH)	uneni, ine detali data as iolio	wii ig.	
17 Stainless Steel Apron	QE-TD109	SET	4
Which used to protection closed when killing living pigs, the detail data as foll 1)-Material: stainless steel	owing:		
18 Stainless Steel Gloves	QE-TD110	SET	10
Which mainly used to prevention hand for de-boning、killing、carcass trimm 1)-Material: stainless steel	ning, the detail data as follo	wing:	
V、 Cattle Abattoir Auxiliary Device and Material Unit			
1 Cattle Abattoir (slaughter) Central Electric Controlling Cabi	net QE-C228	SET	1
Which mainly used to controlling cattle slaughtering plant conveying systems. PLC	systems, machineries and s	so on, the	
electric cabinet mainly installation in special electric controlling room with low moistu	re, the detail data as following	g:	
1)-Mainly switch: CHNT brand of China			
2)-Controlling device: CHNT brand of China			0.00 0.00
3)-Screen and frequency device: LG brand of South Korea			31 1000 VIII 100
4)-Controlling way: synchronous controlling way			
5)-Seal way: water proof			
6)-Cooling way: automatic vertical fans cooling			
2 Water Heating Boiler	QE-SB01	SET	1

Which mainly used to supply hot water for cattle and sheep slaughtering plant processing, the detail data as following:

Capacity: 2Ton per hour
 Material: Carbon steel

3)-Rated Thermal Power: 0.14mw
4)-Water Temperature: 100°C
5)- Burning material: diesel
6)- Coal consumption: 15M³/h

7)-Heat Power: 90%

8)-Chimney Height: 3meter



9)-Weight: 1180kg			
10)-Out Size: ∮ 1200X2060mm(DXH)			
3 Livestock Abattoir (Slaughtering) High Pressure Water Gun	QE-TD204	SET	6
Which is used to cleaning equipment and ground when finished working per shift, the	ne detail data as follo	wing:	
1)-Material: stainless steel			
4 Livestock Abattoir (Slaughtering) Air Compressor	QE-TD205	SET	2
Which mainly used to offer high-pressure air for some machine which need control the detail data as following: 1)-Capacity: 1.2M³/ Min 2)-Rated Voltage: 380V/ 3P / 50HZ 3)-Power: 11Kw 4)-Working Pressure: 1.3Mpa 5)-Noise: 68±2dB(A)	Illing or driving by pn	eumatic,	State
6)-Cooling Style: Air Cooling 7)-Air Oil Content: ≤2.5PPM 8)-Material: Stainless steel 9)-Out Size: 950X800X1130mm (LXWXH) 10)-Weight: 400Kg			
Remark: include following auxiliary device  Air storage tank with I.0M³  Air dryer device with capacity 2.4m³/min  Air filter device			

5	Boots Hanger	QE-TD231	SET	6

Which mainly used for boots hanging when finished cleaning, the detail data as following:

1)-Material: Complete Stainless steel

2)-Out Size: 1500X400X1600mm (LXWXH)



6	Clothes and Apron Hanger	QE-TD231	SET	8
				(

Which mainly used for clothes and apron hanging for free used time, the detail data as following:

1)-Material: Complete Stainless steel

2)-Out Size: 1500X600X1700mm (LXWXH)



7	7 Automatic Boots Cleaning Machine				QE-1D	233   SE1			

Which mainly used for boots cleaning in livestock abattoir and both boots sole and vamp will be complete clean automatic before and after working in abattoir, the more detail as following:

1)-Power :1.1kw 2)-Water inlet : DN20

3)-Water consumption:9I/min 4)-Size:1640x1240x1330mm

5)-Weight:200kgs





Slaughte		eme-abattoir.com		e/Whatsapp: +86 15154298833			
8	Industrial cloth washing machine	QE-TD266	SET	1			
Whic	n mainly used to cleaning slaughter house worker clothes, the detail data as follow	ving:					
1)-Capacity:100kgs (cleaning and dehydration by machine automatic)							
2)-Po	wer :7.5kw						
3)-Inr	ner size						
	➤ Diameter:1200mm						
	➤ High:850mm			Sandily			
	➤ Volume:961Lit						
4)-Ou	t size:1760x2000x2000mm(LXWXH)						
5)-De	watering valve: Φ140mm						
6)-Hc	t water pipe: 3/2"						
7)-Cc	ld water pipe: 3/2"						
8)-Cle	eaning water consumption:1800kgs						
′	ating power:60kw						
′	oltage: 380V 50HZ 3P						
′	/eight: 3130kgs						
· '	Omin per time						
9	De-boning clothes	QE-TD261	SET	500			
	<u> </u>	4-11-01		₩ T.			
	n mainly used for cattle slaughterhouse staffs working, the detail as following:						
'	lor: White						
2)-Ind	clude trousers hat and clothes			N			
10	Slaughter Boots	QE-TD262	SET	500			
	n mainly used for cattle slaughterhouse staffs working, the detail as following:						
	lor: White			<b>药防治高</b> 陶			
′	n-Slipping			報 報			
'	nterial: Rubber			E3			
11	Slaughter Apron	QE-TD262	SET	200			
	n mainly used for cattle slaughterhouse staffs working, the detail as following:			977			
′	lor: White						
3)-Ma	terial: Rubber			1000 国			
12	Livestock abattoir (Slaughtering) Electric Wire	QE-LW-1	SET	1			
	n mainly used in livestock abattoir from machine to electric controlling cabinet, the						
	65 grade						
′	and: HAOMAI brand of China						
	iterial:						
	Copper inner						
	➤ Plastic cover			8003			
4)-Siz	ze: 3MM & 1MM & 6MM						
l ′	ark: include the wire PVC cover tube from machine to electric cabinet						
13	Livestock Abattoir Installation Tools	QE-IM02	SET	1			
	n mainly used for cattle abattoir slaughtering equipment installation, and which mainly incl						
	elding Machine	ado ionovviriy uevit	λ.				
,	eel Cutting Device			NO PHOTOS			
′	tator Drilling Device			110100			
	nual Lifting Device						
	Livestock Slaughterhouse Equipment Professional Manufacture			Page 18 of 10			



Slaughterh	ouse Equipment	7 VIIIalsapp. +00 13134230033		
5)-Wel	ding Polishing Device			
6)- Fa	lse-work			
And s	o on			
14	Stainless Steel Sheet	QE-IM02	TON	2
Which	mainly used for blood collection pool and viscera collection pool s	urface cover for easy clea	ning, the	
detail d	data as following:			NO PHOTOS
1)-Mat	erial: Stainless Steel			NO PHOTOS
2)-Thic	kness: 2.5mm			
15	Livestock Abattoir Installation Auxiliary Material	QE-IM01	TON	92
Which	used to assistant to establishment the cattle slaughter house, the deta	ail as following:		
1)-Rav	/ <sub>2</sub> // <sub>2</sub> / <sub>2</sub> 22223333			
2)-Incl	ude Support Pole and ⊥-Type suspension beam			
-				