

***K-5L automatic blow molding machine***

**QUOTATION**

| S / N                    | Description of goods                | Specification | Unit | Unit price (USD) | Qty | Total price (USD) | Remark   |
|--------------------------|-------------------------------------|---------------|------|------------------|-----|-------------------|--|
| 1                        | K-5L Automatic Blow Molding Machine | 2cav          | Set  | 43120            | 1   | 43120             | 1.with preform-autoloaded Machine;<br>2.with automatic mechanical hand taking bottle out<br>3.Max.Vlume is 5L bottle |
| 2                        | 5L Blow mould                       | 2cav          | Set  |                  | 1   |                   | Made with USA ALCOA Aluminum 7075  |
| High pressure supply     |                                     |               |      |                  |     |                   |  |
| 3                        | High pressure air compressor        | 3-09CSH-1840  | Set  | 17770            | 1   | 17770             | Shangair brand, 40bar  |
| 4                        | Air cooling dryer                   | TCLF-5.0/40   | Set  | 4050             | 1   | 4050              | With two pcs 3.0/40KG Air filters  |
| 5                        | Air tank                            | 1.0/40KG      | Set  | 2450             | 1   | 2450              |  |
| 6                        | Air tank                            | 0.6/40KG      | Set  | 1666             | 1   | 1666              |  |
| Low pressure supply      |                                     |               |      |                  |     |                   |  |
| 9                        | Air Chiller                         | WS-5AC        | Set  | 2286             | 1   | 2286              | 5HPr   |
| Total FOB Ningbo, China: |                                     |               |      |                  |     | USD71,342.--      |  |

**REMARKS:**

- (1.) **PAYMENT: 30% AS DOWNPAYMENT BY T/T IN ADVANCE, 70% AS BALANCE BY T/T 10 DAYS BEFORE DELIVERY.**
- (2.) **ALL BANKING COSTS OUTSIDE CHINA ARE FOR BUYER'S ACCOUNT**
- (3.) **DELIVERY TIME: WITHIN 50 DAYS AFTER RECEIPT OF THE RELEVANT DOWN PAYMENT.**
- (4.) **BENEFICIARY: KINGTOP INTERNATIONAL GROUP LIMITED**
- (5.) **BENEFICIARY'S A/C NO.: 4444480411**
- (6.) **BANKER: STANDARD CHARTERED BANK SHENZHEN BRANCH  
ADDRESS: UNIT 1-8, 52F, SHUN HING SQUARE,  
DI WANG COMMERCIAL CENTRE,  
NO. 5002, SHENNAN ROAD EAST,  
SHENZHEN CHINA 518008**

**SWIFT: SCBL CNSX SHZ**

**Jackson Tsebe**  
**Mathale Solutions**  
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<http://youtu.be/5CQEKTWiNg8>

**1. K-5L 2CAV automatic blow molding machine :**



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**Description:**

PET machines produce the widest range of packaging products available on the market.

**Applications:**

Food, oil, carbonated drink, mineral water, juice, alcohol and cosmetics bottles, tennis ball jar and high-temperature-resistant bottles.

**Technical Specification :**

| MODEL              |                         | UNIT | K-5L      |
|--------------------|-------------------------|------|-----------|
| CONTAINER          | Max.container volume    | L    | 5         |
|                    | Max. neck diameter      | mm   | 50        |
|                    | Max. container diameter | mm   | 180       |
|                    | Max. container height   | mm   | 340       |
|                    | Number of cavities      |      | 2         |
|                    | Theoretical output      | BPH  | 1300-1400 |
| ELECTRICITY SYSTEM | Installed power         | Kw   | 36        |
|                    | Max. heating power      | Kw   | 32        |
| COMPRESSED         | Operating pressure      | Mpa  | 0.7       |

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|               |                             |                     |                |
|---------------|-----------------------------|---------------------|----------------|
| AIR SYSTEM    | Low pressure Air consuming  | M <sup>3</sup> /min | 2.0            |
|               | Blowing pressure            | Mpa                 | 4.0            |
|               | High pressure Air consuming | M <sup>3</sup> /min | 2.5-3.2        |
|               | Use mould Booster           |                     | Yes            |
| CHILLED WATER | Pressure                    | Mpa                 | 0.3-0.5        |
|               | Temperature                 | °C                  | 10-12          |
|               | Flow rate                   | L/min               | 30             |
| MACHINE       | Size(L*W*H)                 | mm                  | 3500X2100X1900 |
|               | Weight                      | Kg                  | 5000           |

### **Components list :**

| Components                  | Original Production Factory |
|-----------------------------|-----------------------------|
| Plc Programmable controller | Delta, Japan                |
| Touch Screen                | Winview Colour, Taiwan      |
| Cylinder                    | AIRTAC, Germany             |
| Filter                      | FESTO, Germany              |
| Air Valve                   | SYM, Korea                  |
| Photoelectric sensor        | Omron, Japan                |
| Contacto                    | Schneider, France           |
| Transducer                  | Omron, Japan                |
| Power Supplier              | Meanwell, Taiwan            |

## **2.ACCESSORY MACHINE :**

### **1)HIGH PRESSURE AIR COMPRESSOR:**



| 3-09CSH-1840 Air Compressor Specification |                     |                       |
|---|---------------------|-----------------------|
| Description                               | Unit                | Technical Data        |
| Air Discharge                             | M <sup>3</sup> /min | 4.8                   |
| Discharge Pressure                        | Mpa                 | 4.0                   |
| Level of Compression                      |                     | THREE Stage           |
| Motor Power                               | KW/HP               | 20/30                 |
| Rotate Speed                              | R.P.M               | 800                   |
| Mode of Pressure Adjusting                |                     | Electronic Adjustment |
| Size(Length,Width,Height)                 | mm x mm x mm        | 2000x1250x1600        |
| Weight                                    | Kg                  | 700                   |

### 3)AIR COOLING DRYER :

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| Model                          | Metrology               | TCLF-50/40    |
|--------------------------------|-------------------------|---------------|
| Specification                  |                         |               |
| Processed air volume           | M <sup>3</sup> /min     | 5.0           |
| Working pressure               | Mpa                     | 4.0           |
| Inlet air temperature          | °C                      | ≤80           |
| Dew-point temperature          | °C                      | 2-10          |
| Refrigerant type               |                         | R22           |
| Refrigerant compressor power   | HP                      | 3/4           |
| Caliber of airinlet and outlet | mm                      | 40            |
| Ambient temperature            | °C                      | 5-45          |
| Power supply                   | V/HZ                    | 220/50        |
| Machine size                   | mm x mm x mm<br>(LXWXH) | 1050×650×1100 |
| Machine weight                 | Kg                      | 200           |





#### 4) AIR CHILLER:

The chiller is used for cooling the mould, and increase the production speed by reducing cooling time two kinds of chiller is available, water chiller and air chiller the water chiller need water cooling tower, it is mainly used for conditions that have high requirement of cooling effects the air chiller works independently, and save space.

|                        |                      |        |                           |
|------------------------|----------------------|--------|---------------------------|
| Refrigeration Capacity |                      | kw     | 15                        |
|                        |                      | Kcal/h | 12900                     |
| Compressor             | Input Power          | kw     | 4.5                       |
|                        | Rated Power          | Hp     | 5                         |
| Evaporator             | Type                 |        | Pipe Coil Evaporator      |
|                        | Pipe Diameter        | Inch   | 1                         |
| Refrigerant            | Type                 |        | R22                       |
|                        | Quantity             | Kg     | 2.5                       |
| Water Cooled Condenser | Type                 |        | Dry Expansion Evaporator  |
|                        | Pipe Diameter        | Inch   | 1                         |
| Chill Water Flowrate   |                      | L/min  | 70                        |
| Air Cooled Condenser   | Type                 |        | Dray Expansion Evaporator |
|                        | Fan Power            | Kw     | 0.2x2                     |
| Water Tank Capacity    |                      | Liter  | 50                        |
| Pump                   | Power                | Kw     | 0.75                      |
|                        |                      | Hp     | 1                         |
|                        | Flow Rate            | L/min  | 220                       |
| Pipe Connection        | Cooling Water Outlet | Inch   | 2                         |
|                        | Cooling Water Inlet  | Inch   | 1/2X4                     |

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|                       |              |    |               |
|-----------------------|--------------|----|---------------|
| Size                  |              |    |               |
| Dimensions<br>(LxWxH) | Water Cooled | mm | 967x555x965   |
|                       | Air Cooled   | mm | 1250x680x1125 |
| Weight                | Water Cooled | Kg | 130           |
|                       | Air Cooled   | Kg | 176           |