



## TRUCK MOUNTED KNUCKLE BOOM HYDRAULIC CRANE PROPOSAL

<b>CUSTOMER:</b>	<b>SUPPLIER:</b>
<b>CONTACT:</b>	<b>DATE:</b>
<b>E-mail:</b>	<b>VALIDITY: 1 month</b>

**Dear Sir,**

**In the attached file you will find the proposal and specification(s)  
for the ASK 60 YK6+2**

**Hope to hear positive feedback from you for further business  
relationship.**

**Sincerely**

---

**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



## **Technical Specifications**

### **Chassis of Crane**

- The Crane and outriggers are mounted on to its own chassis. This chassis is connected to the Vehicle's chassis with screws and studs. In case of vehicle malfunction full set of the crane can be connected to another vehicle. .

### **Steel Construction**

- The Crane chassis is made to set foot booms DOMEX-700 quality steel sheet, the main boom ST 52-3 high strength steel material and the upright boom are produced from high-strength ALFORM -700 or equivalent material.

### **Rotation System**

- Slewing ring, planetary reducers, hydraulic motor, hydraulic brakes and endless rotation hydraulic distributor work on the crane.

### **Outriggers**

- 2 pieces under the crane, 2 pieces vertical and horizontal mobile hydraulic outriggers of the balance are made (total 4 pieces). These outriggers are mounted in the frame of the crane. During the operation of the crane come down, the vehicle's chassis, axles and shears is unable to load.
- Combined bending and torsion foot booms sensitive resources, etc. as resistant high-strength material (at least ST 52 quality or equivalent) type of box is manufactured.
- On the foot of retainers imported blocking valves are used.

---

**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



### **Boom System**

- There are 1 upright boom, 1 main boom, 1 folding boom 6 hydraulic extension booms basically. In folding part 4 hydraulic extension booms and 2 mechanical booms.
- Wear and reduces friction between the main boom and telescopic booms guide cestamid.
- Folding booms and telescopic booms are as hexagonal produced from high-strength imported material.(ALFORM-700)

### **Body**

- Case's length is designed in accordance to length of vehicle chassis.
- The base of case is produced as 5 mm from checker plate.
- To sides of the case 2 pieces of 5 mm sheet and on the back 1 collapsible cap which locks device are made.

### **Security (Optional)**

- Besides, a weight control system will be equipped that records which boom worked how long and these records can be transferred to computer via USB, so duration of maintenance and wear statistics of crane can be calculated.
- The whole electronic parts of the crane will have IP67 class ambient resistance.
- Optimization work on sloped ground with nine-axis three angle sensors (main boom, folding boom, on the second folding) and with electronic balance system. Pressures and angles of the boom can be followed on the screen display in real-time
- Pressures, load by percent, total working time and angles of the boom can be followed on the screen display in real-time.
- The opportunity to watch from the operator panel by dual-axis motion tracking camera system.

---

**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



### **Hydraulic System**

- Double-acting hydraulic cylinders and honed from high-strength material (at least the quality of ST-52 or equivalent) will be produced.
- Rods precision-machined, hard chrome-plated high-strength material to (at least the quality of Ç-1040 or equivalent) will be produced.
- The hydraulic system; machine, hydraulic system and an overload in order to protect the people working under the machine, waiting for a long time to load the hose burst and pressure relief, load holding (Over center) and twin locking valves shall be used.
- Normal engine speed of the vehicle will provide 250 bar pressure pump continuously.
- Do operate the system easily (max. 350 bar pressure) imported origin piston pump will use
- The system maximum working pressure will be 250 bar.
- The system will be provided on the suction and return filter cleaning system using the system will be healthy and long life.
- Hydraulic plumbing pipes, seamless steel pipe imported from cold-shooting will be covered with phosphate ST37.
- The hydraulic hoses will be R2 double wire braid.
- A record thimbles used for Installation will be imported.
- Hydraulic oil tank capacity of the crane will not interfere with the operation capacity will be selected.
- At all levels, hydraulic installations pressure can be read from manometer bar and kg/cm<sup>2</sup>.

---

**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



### **Additionally:**

- Bronze bearing joints to be used in all places on the crane and bolt will be heat treated
- All bolt holes to be drilled and connected at one time, Thus bolt holes become parallel to each other and strains will be prevented.
- To the end of the boom according to the lifting capacity of selected safety latch hook will mount.

### **Material**

- |                       |   |
|-----------------------|---|
| • Pump                | Sunfab(ASELKON)                               |
| • Steel Boom Group    | ALFORM-700 or DOMEX 960 (ASELKON)             |
| • Crane Control       | Walvoil (ASELKON)                             |
| • Foot Control        | Walvoil (ASELKON)                             |
| • Reducer             | Dinamic Oil (ASELKON)                         |
| • Valves              | OilComp (ASELKON)                             |
| • Rotation Filter     | Ikron (ASELKON)                               |
| • Suction Filter      | Ikron(ASELKON)                                |
| • Hoses               | Manuli (ASELKON)                              |
| • Installation pipes  | Benteler (ASELKON)                            |
| • Hoses Drum          | Demac(ASELKON)                                |
| • Hydraulic Cylinders | Materials originally European made by ASELKON |
| • Ring Gear           | IMO (ASELKON)1380mm diameter external thread  |

### **Price**

**62.000 USD**

### **Payment**

50 % Advance with the Order Confirmation

50% before delivery of good(s)

### **Delivery**

25 days ex-factory after receiving the advance payment

---

**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



### Warranty

The warranty period of the crane will be 24 months or 3750 hours (which first runs out) by certificate of the Ministry of Industry and Trade.



## High Quality Materials.

### Supplier(s) of Materials



**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



**ASELKON VİNC KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



**ASELKON VİNC KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)





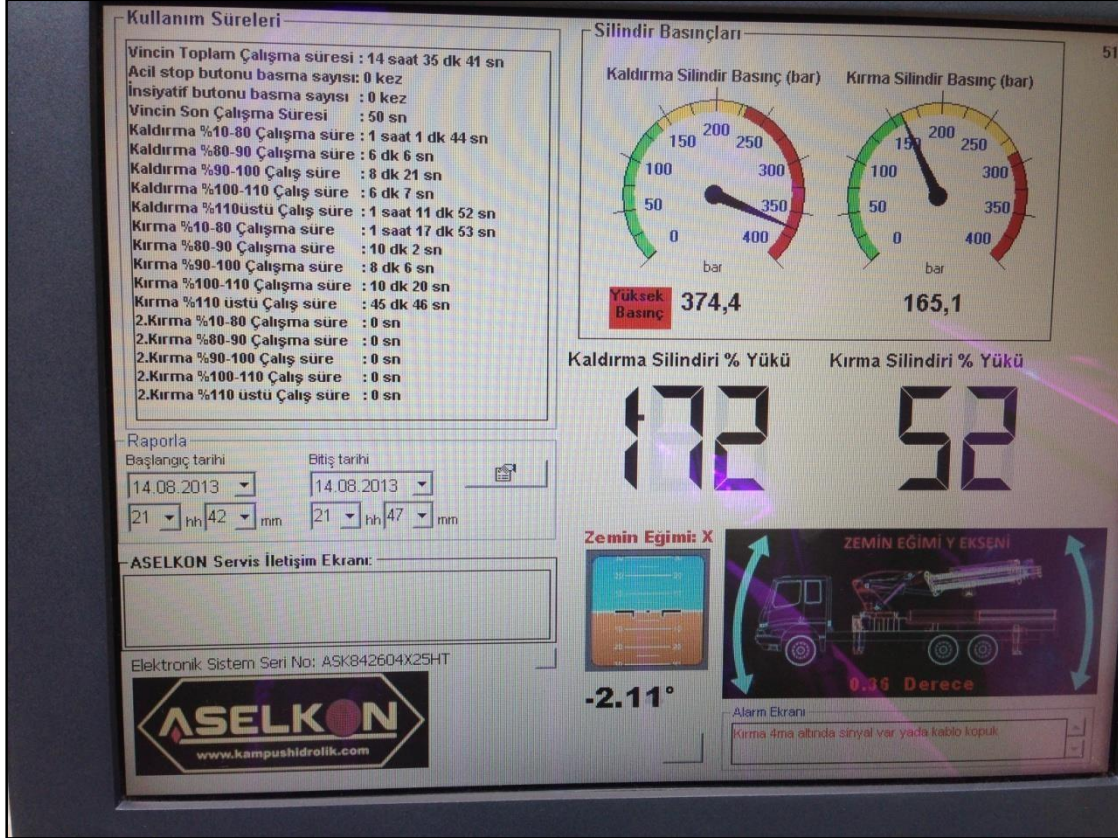
**ASELKON VİNC KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)



**ASELKON VİNÇ KAMPÜS MAKİNA SAN. Ve TİC. LTD. ŞTİ.**

Adres: Fetih mah adana çevre yolu no:113 Karatay KONYA-TURKIYE Tel: 0332 346 06 10  
FAX: 0332 342 65 14 [www.kampushidrolik.com](http://www.kampushidrolik.com) Mail: [samad@aselkon.com.tr](mailto:samad@aselkon.com.tr)