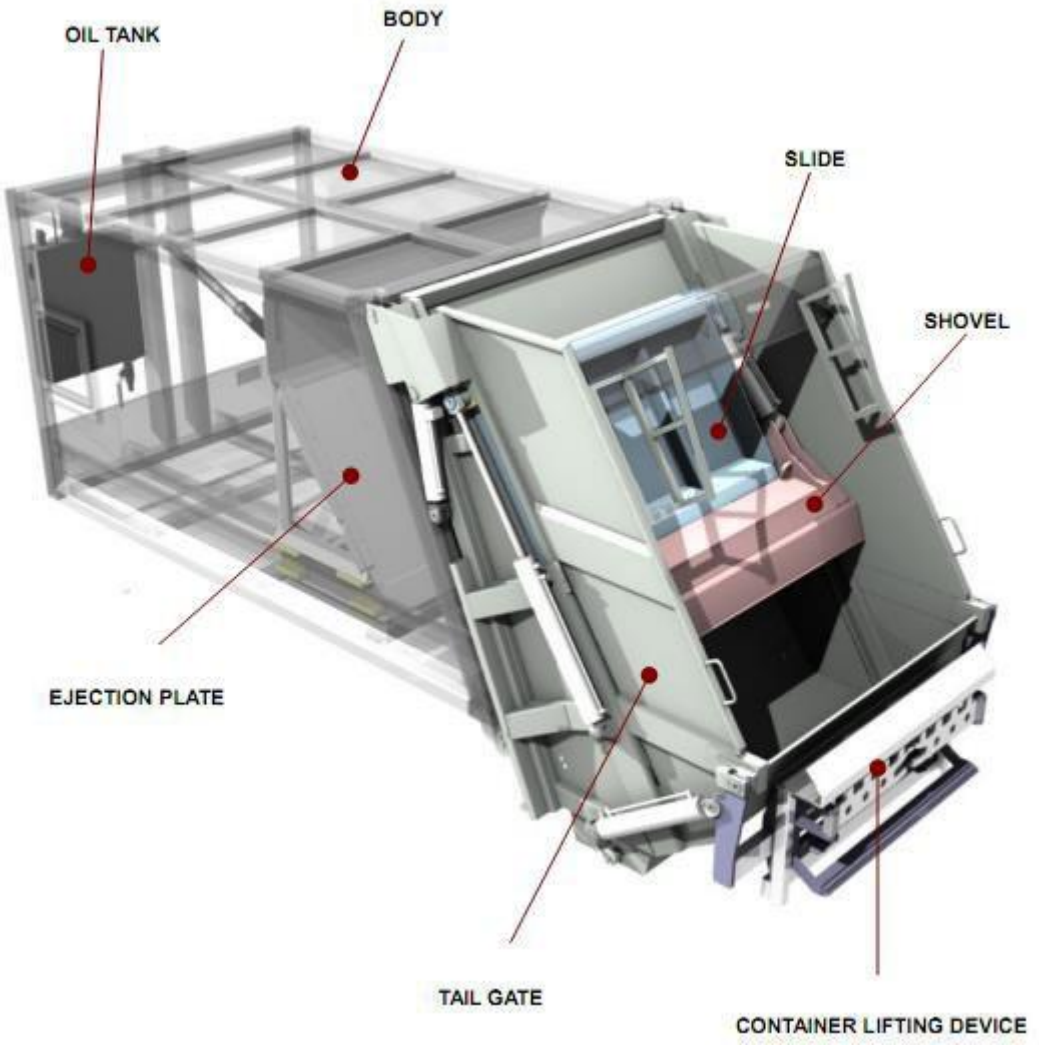
TECHNICAL SPECIFICATION OF GARBAGE BODY KAT/CP20(20+2 m3)



1) General:

Body Volume : 20 cbm

Thickness:

Body Roof	3 mm St-52
Body Side	4-5 mm St-52
Body Floor	4-5mm St-52
Hopper Bottom	6 mm St-52
Hopper Sides	4 mm St-52

Hopper Capacity :2 cbm

Shovel bottom will be made of St-52 (4mm)

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2) Body:

Body is reinforced with braces and mounted on chassis with flexible mounting elements. Inside the body, there will be a push-out plate on rails and actuated with double acting telescopic cylinder.

3) Tailgate:
Tailgate connected to body with top hinges. The tailgate structure is consisting of one sledge, one shovel, hopper and their cylinders. When garbage is put inside the hopper, with the help of the sledge and shovels this garbage goes into body and is compressed with push out plate. Sledge moves linearly and shovel moves radially to sweep the garbage inside the body. The sledge runs on sliding rails with rollers or shoes. The sledge cylinder will operate outside of the tailgate.

Accessories on the tailgate:

- Bin lifting system, DIN standards Container capacities 80LT/120LT/240LT/770LT/1100LT
- Rubber seal between tailgate and body to prevent dirty water leakage.
- Security valves on tailgate to prevent sudden fall of tailgate during maintenance.
- Two safety bars will be given to be used during maintenance.
- 1x beacon lamp at front side of the body, 2x Flash type light at the rear side with mesh for protection.
- Lamp for night working.
- The Tailgate Side protections/covers
- Camera & LCD Screen Inside The Cab

4) Hydraulic System
The system consists of:

a) One double acting telescopic cylinder for push out plate.
b) Two Hydraulic cylinders for sledge.
c) Two Hydraulic cylinders for shovel.
d) Two Hydraulic cylinders for tailgate opening.
e) Two Hydraulic cylinders for container lifting system with bin lifter.
f) Oil tank of 150 litres with suction/return filters and level indicator.
g) Hydraulic Oil Pump
h) Hydraulic Piping Installation.

5) Operation:
There are two operation control systems.
One is controlling with levers, the other one is with control box. On the control box there are single continuous switch, emergency stop button, driver's signal and engine accelerator. Opening of tailgate and rear/forward movement of push out plate are done manually with a two-spool directional valve which is mounted on front side of the body. Sledge-Shovel movements and container lifting system are affected with a three-spool directional valve which is mounted inside the tailgate.
In the system, compression cycle can be done one or continuous cycles. In case of emergency, you can push emergency button and motion of operation reverses and stops at start position.

You can warn driver by means of driver signal. To discharge the refuse in the body, first you open the tailgate upwards and then you run the push out plate to rear. You can use engine accelerator to speed up the operation. There will be container-lifting system to lift and turn upside down the container inside the hopper.

6) Painting:
The body and Tailgate are cleaned from any residue, then sand blasted. then anti rust primer and finally two coats required paint.

7) Accessories:
- External Dirty Water Tank Capacity: 180LT (Chassis must have enough space)
- Rear View Camera & Screen inside the Cab

8) Documents:
- Manual for spare parts & maintenance in English

CERTIFICATE

AT Tip İnceleme Sertifikası

Makine Emniyeti Yönetmeliği' (2006 / 42 / AT) ne göre

EC Type Examination Certificate

according to EC Safety of Machinery Directive (2006 / 42 / EC

Sertifika Numarası
Certificate Number
1984-MCH-21-163

Sertifika sahibi/Üretici: *Owner of Certificate / Manufacturer*	**KATMERCİLER ARAÇ ÜSTÜ EKİPMAN SANAYİ VE TİCARET ANONİM ŞİRKETİ** *Atatürk O.S.B. 10032 Sk. No:10 Çiğli – İzmir / TÜRKİYE*
Ürün Grubu: *Product Group*	**HİDROLİK SIKIŞTIRMALI ÇÖP EKİPMANI** *HYDRAULİC COMPRESSED WASTE EQUIPMENT*
Ürün Tanım: *Product Description*	**ARKADAN YÜKLEMELİ ÇÖP TOPLAMA TAŞITI** *REAR LOADED REFUSE COLLECTION VEHICLE*
İncelenen Tip / Model : *Inspected Type / Model*	**KTM-CP 13**
Diğer Model(ler): *Other Model(s)*	**KTM-CP 04, KTM-CP 05, KTM-CP 06, KTM-CP 06.5, KTM-CP 07, KTM-CP 08, KTM-CP 09 , KTM-CP 10, KTM-CP 11, KTM-CP 12, KTM-CP 12.5, KTM-CP 14, KTM-CP 15, KTM-CP 16 , KTM-CP 17, KTM-CP 18, KTM-CP 19, KTM-CP 20 , KTM-CP 21, KTM-CP 22, KTM-CP 23, KTM-CP 24**
Test Raporu : *Test Report*	**MCH – 21 - 163**
Tip İnceleme Standartı: *Standard of Type Examination*	**TS EN 1501-1+A1:2015** *EN 1501-1:2011+A1:2015*
Bakanlık Belge Numarası: *Ministry Certificate Number*	**MD – 1984 - 2100006**
İlk Yayım Tarihi : *Date of Issue*	**30.06.2021**
Son Geçerlilik Tarihi: *Expiry Date*	**29.06.2026**

Yukarıda özellikleri verilen makine 2006/42/AT Makine Emniyeti Yönetmeliği gereklerine uygundur. Ürünün/ürünlerin uygunluğuna ilişkin detaylar ve uygulanan standartlar ile ilgili bilgi yukarıda belirtilen raporda verilmektedir.Bu sertifika yukarıda belirtilen son geçerlilik tarihinden sonra geçerliliğini yitirir. İmalatçı her beş yılda bir Kiwa 'dan AT Tip İnceleme Belgesinin geçerliliğinin yeniden gözden geçirilmesini talep etmelidir.Kiwa yukarıda belirtilen ürünün yönetmeliğe uygunluğunu son teknik gelişmeleri göz önünde bulundurarak onaylarsa belge ilave bir beş yıl daha yenilenir.

The machine described above complies with the requirements of the Machinery Directive 2006/42/EC. The details about the product/products conformity and applied standards are mentioned in the report referenced above.This certificate expires after the expiry date stated above. The manufacturer shall request from Kiwa the review of the validity of this EC type-examination certificate every five years. Kiwa will review the continued compliance of the above mentioned product taking into account the state of the art and finds that the certificate remains valid, Kiwa renews the certificate for a further five years.

Onaylanmış Kuruluş Başkanı
Head of Notified Body

Onaylanmış Kuruluş Numarası : 1984
Notified Body Number

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