



[1] IMPORTANT

The maximum permissible weights indicated are only possible with the basic track width.



[2] IMPORTANT

Unladen weight of the tractor is approximate, this weight varies according to the equipment specification package and any accessories fitted; exact tractor weight must be checked on the weighbridge.

Dimensions for cab tractors

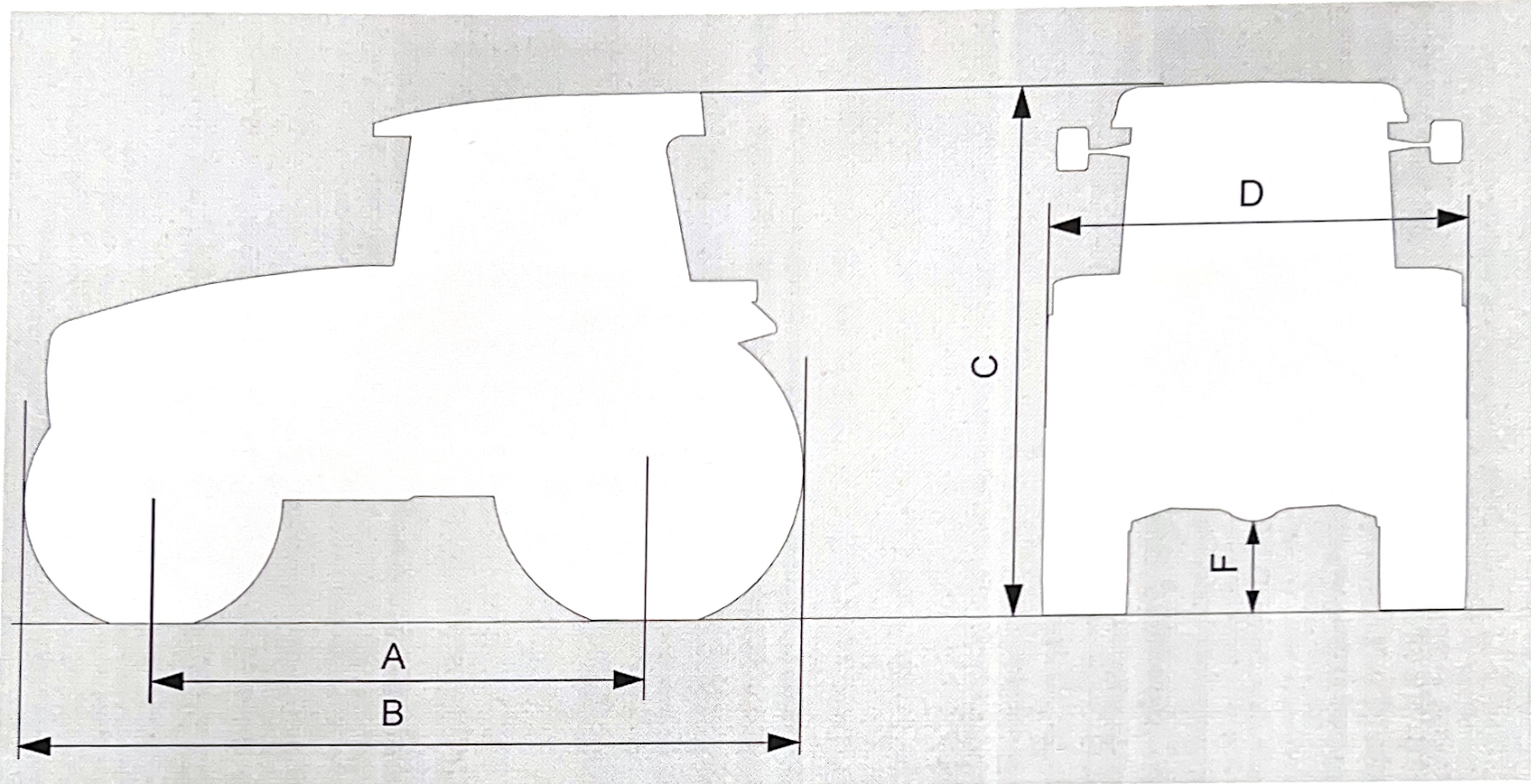


Fig. 347 - Dimensions for cab tractors

Table 108 - Technical data

	4050 E (EXPORT MARKET)	4065 E -> NNZX-6502W0BD00001	4075 E -> NNZX-7502W0BD00001	4085 E -> NNZX-8502W0BD00001
TYRES				
With 2WD front tyres	7.5R16"	7.5R16"	7.5R16"	7.5R16"
With front tyres	320/70R24"	320/70R24"	320/70R24"	320/70R24"
With rear tyres	12.4R36"-420/85R30"	12.4R36"-420/85R30"	12.4R36"-420/85R30"	12.4R36"-420/85R30"
DIMENSIONS				
2WD wheelbase (A) mm	2041	2041	2041	2041
Wheelbase (A) mm	1976	1976	1976	1976
Length (B) mm	3730-4047	3730-4047	3730-4047	3730-4047
Height (C) mm	2607-2666	2607-2666	2607-2666	2607-2666
Min-max width (D)	1785-1896	1785-1896	1773-1941	1773-1941
2WD Ground clearance (E) mm	391-458	391-458	391-458	391-458
Ground clearance (F) mm	346-458	346-458	346-458	346-458
UNLADEN WEIGHT [2]				
2WD - Unladen weight on front axle kg. Low	885	915	950	950
2WD - Unladen weight on rear axle kg Low	1765	1835	1900	1900
2WD - Total unladen weight kg Low	2650-3210	2750-3310	2850-3410	2850-3410

TECHNICAL DATA



	4050 E (EXPORT MARKET)	4065 E -> NNZX-6502W0BD00001	4075 E -> NNZX-7502W0BD00001	4085 E -> NNZX-8502W0BD00001
Unladen weight on front axle kg.	1200	1250	1270	1270
Unladen weight on rear axle kg.	1750	1800	1880	1880
Total unladen weight kg.	2950-3510	3050-3610	3150-3710	3150-3710

MAXIMUM PERMISSIBLE WEIGHT

2WD - Maximum permissible weight on front axle kg	1100	1100	1100	1100
2WD - Maximum permissible weight on rear axle kg	2700	2700	2700	2700
2WD - Maximum permissible weight kg	3800	3800	3800	3800
Maximum permissible weight on front axle kg.	1800	1800	1800	1800
Maximum permissible weight on rear axle kg.	3000	3000	3000	3000
Total maximum permissible weight kg.	4800	4800	4800	4800

	4080.4 E -> NNZX-8002W0BD00001	4090.4 E -> NNZX-9002W0BD00001	4100.4 E -> NNZX-9502W0BD00001
TYRES			
With 2WD front tyres	7.5R16"		
With front tyres	320/70R24"	320/70R24"	320/70R24"
With rear tyres	12.4R36"-420/85R30"	12.4R36"-420/85R30"	12.4R36"-420/85R30"

DIMENSIONS

2WD wheelbase (A) mm	2171		
Wheelbase (A) mm	2106	2106	2106
Length (B) mm	3860-4177	3860-4177	3860-4177
Height (C) mm	2607-2666	2607-2666	2607-2666
Min-max width (D)	1773-1941	1773-1941	1773-1941
2WD Ground clearance (E) mm	391-458		
Ground clearance (F) mm	346-458	346-458	346-458

UNLADEN WEIGHT [2]

2WD - Unladen weight on front axle kg. Low	985		
2WD - Unladen weight on rear axle kg Low	1995		
2WD - Total unladen weight kg Low	2950-3510		
Unladen weight on front axle kg.	1320	1320	1320
Unladen weight on rear axle kg.	1930	1930	1930
Total unladen weight kg.	3250-3810	3250-3810	3250-3810

MAXIMUM PERMISSIBLE WEIGHT

2WD - Maximum permissible weight on front axle kg	1100		
2WD - Maximum permissible weight on rear axle kg	2700		
2WD - Maximum permissible weight kg	3800		
Maximum permissible weight on front axle kg.	1800	1800	1800
Maximum permissible weight on rear axle kg.	3000	3000	3000
Total maximum permissible weight kg.	4800	4800	4800

Table 2. Technical data of the loaders

No.	Listing	Unit	MT01 Mini	MT01	MT02	MT03	MT04
1	Machine type:	-	mounted	mounted	mounted	mounted	mounted
2	Way of aggregating with the tractor	-	Supporting structure	Supporting structure	Supporting structure	Supporting structure	Supporting structure
3	Lifting height ¹⁾ :	mm	3220	3100	3570	3920	4500
4	Loader mass ²⁾ :	kg	496	500	562	617	666
5	Estimated lifting capacity ³⁾	kg	1300	1300	1600	1800	2000
6	Scooping depth ⁴⁾ :	mm	230	230	230	230	230
7	Scooping angle:	degree	34°	43°	30°	43°	35°
8	Dump angle:	degree	51°	58°	62°	58°	55°
9	Adjustment of working height:	-	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
10	Levelling error ⁵⁾ :	degree	max 3°	max 3°	max 3°	max 3°	max 3°
11	Levelling error for the bucket:	degree	max 10°	max 10°	max 10°	max 10°	max 10°
12	Working pressure ⁶⁾ :	Bar	Up to 170	Up to 190	Up to 190	Up to 190	Up to 160
13	Tractor power:	HP	Up to 80	70 - 90	60 - 120	90 - 150	120 - 190
14	Working velocity (max):	km/h	8	8	8	8	8
15	Transport velocity (max):	km/h	15	15	15	15	15
16	Noise level ⁷⁾ :	dB	Less than 70	Less than 70	Less than 70	Less than 70	Less than 70

- 1) Lifting height from the ground to the euroframe rotation axle
- 2) Ready for work without the supporting structure.
- 3) It depends on a tractor and pump model.
- 4) Measured on the Metal-Technik standard bucket.
- 5) Measured throughout the scope from the level for accessories with straight loops.
- 6) Pressure set at the divider valve.
- 7) Sound pressure level (LpA).

The lifting height can be changed on account of:

- a tractor model;
- the state of the tires;
- pressure in the tyres.

It is forbidden to push off snow or surface the terrain with the bucket position tilted maximally downwards. If the blade should catch on a stone, there is a risk of bending the levelling elements. Any work related to scooping up ground with the bucket must be performed cautiously and with prudence, since the equipment purchased is not intended for construction work.

9. Operational suggestions and advice

Fig 8 depicts a situation of standing a lying bale in order to present the work of bumpers connected to the overflow valves. Fig 8a depicts a situation in which we can clamp the grip after driving up to the lying bale. When we do not change the inclination angle of the grip (in the direction proper to stand the bale) when lifting the load, the maximum height to which the loader can be raised amounts to 2126mm (see fig 8b). Continued lifting requires the additional overcoming of resistances related to pumping the oil from the levelling hydraulic

8. Technical description

The technical data of the front loaders are put in table 2 on the basis of fig 7.

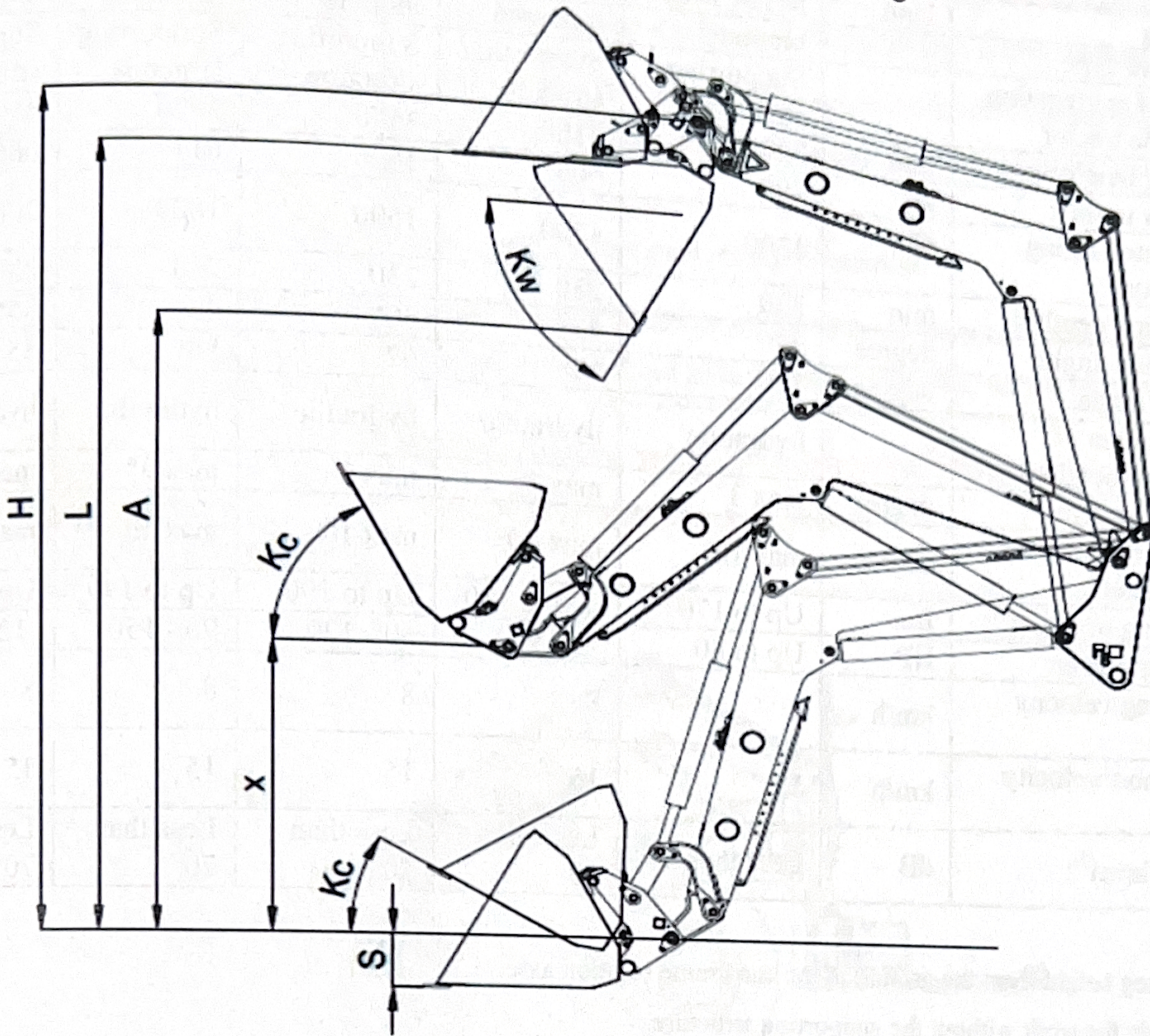


Fig 7. Diagram of the front loader: H - lifting height (mm), L - unloading height, parallel (mm), A - unloading height, dropped (mm), S - scooping depth (mm), Kc - scooping angle ($^{\circ}$), Kcx - scooping angle at height x ($^{\circ}$), Kw - emptying angle ($^{\circ}$)

The loaders are characterized by a small levelling error for accessories with welded loops at the angle of 90° to the floor and amounts 3 degrees. In applying a low lifting hydraulic trolley or a slanting loop grip (like in the bucket), a levelling error will enlarge, yet it will fit into the tolerance limits ensuring comfortable work.

The maximum scooping angle is achieved at the height of 1000mm and it is corrected by the system hydraulic valves, hydraulic cylinders with a double piston rod and bumpers to prevent a collision of the frame with the loader frame.

The data given are averaged and can differ to a small degree depending on a tractor model. On account of the continuous improvement of the products, the parameters can be changed. Applying the accessories of other brands and types causes a change of the parameters. A levelling error is measured for accessories with welded loops at 90° relative to the floor. For the bucket the angle is different, which can trigger a bigger error.



MANUFACTURER DECLARATION OF CONFORMITY CERTIFICATE

ÜRETİCİ UYGUNLUK BEYAN SERTİFİKASI

The manufacturer hereby declares that the trailer complies with the requirements of the following EU Regulations/ EEC Directives at the time of manufacture

Üretici işbu belge ile treylerin imalat sırasında aşağıdaki AB Yönetmelikleri/ EEC Direktiflerinin gerekliliklerini karşıladığını beyan eder.

WE Confirm the following features of the vehicle

Aracın aşağıdaki özelliklerini onaylıyoruz

WATER TANK INFORMATION (SU TANKI BİLGİLERİ)

1	Brand (Marka)	UĞURLU
2	Type, variant and version (tip, varyant ve versiyon)	Water Tank, 1 Axle, 4 Tons (pump) (Su Tankı , 1 Dingil, 4 Ton, pompalı)
3	Color (Renk)	Green – (Yeşil)
4	Trailer category (according to ECE) Treyler kategorisi (ECE'ye göre)	R3
5	Manufacturer (Üretici Firma)	UĞURLU TARIM MAKİNALARI HAY.VE TAR.ÜR.SAN.TİC.LTD.ŞTİ
6	Vehicle identification number (VIN) (Araç kimlik numarası (VIN)	
7	Model year (Model Yılı)	2022
8	Length(mm) Width(mm) Height(mm) Uzunluk(mm) Genişlik(mm) Yükseklik(mm)	2460 /1670 / 1180
9	Unladen vehicle weight (kg) (Boş araç ağırlığı (kg)	840.kg
10	Maximum allowable weight (kg) (İzin verilen maksimum ağırlık (kg)	4,000 Kİ
11	Floor area (Taban alanı)	-----
12	Number of axles (Dingil sayısı)	1
13	Technically permissible maximum speed (km/h) (Teknik olarak müsaade edilen maksimum hız (km/sa)	40 KM /h
14	Electrical installation (Elektrik Tesisatı)	12 v
15	Braking Force (Frenleme Kuvveti)	40 KM /h
16	Brake(Fren)	HYDRAULIC BRAKES
17	Pumping pressure(Pompa Basıncı)	16 Bar
18	Tire sizes (LastikEbatları)	11,5/80. 15.3
19	Air Tank(Hava Tankı)	-----

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VOLCAN



EC CERTIFICATE OF CONFORMITY

1.) The under signed and authorised representative of the manufacturer here by certify that the following vehicle;

0.1 Make (s) (registered by the manufacturer) : FLM
0.2 Type (specify any variants and versions) : FL 5 TR
0.2.1 Trade name (s) (where appropriate) : R-FL 5 TR
0.3 Means of Identification of type, if marked on the vehicle
0.3.1 Manufacturer's plate (location and affixing) : at the front on the metallic plate
0.4 Category of vehicle : R 3 A
0.5 Name and address of manufacturer : Flm Tarım Otomotiv San. Ve Tic. Ltd.
Şti.
Yeni Sanayi Sitesi 46. Sok. No.7 Karesi
Balıkesir

0.6 Vehicle identification Number : 01322220000

According to the type (s) of vehicle described in the approval (s) corresponds in every respect to

The type described in: EC Type-approval number : 2006/42/EC

Confirms in all respects to type described in type approval 2006/42/EC and can be registered permanently, with out requiring any further approvals.

Date: 28.07.2022

MEHMET ŞEN

General Manager

FLM TARIM OTOMOTIV
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Tel: (0.266) 246 50 01 - Faks: (0.266) 246 50 02
Tic.Sic. No: 11021 Mersis No.: 03880134687000 9
Karesi Vergi Dairesi : 388 013 4687

General Construction Characteristics of the trailer

1 Number of axles and wheels : 2 Axle and 4 wheels
2. Powered Axles
3. Axle distance : 3350 mm
5. Axle track width : Front : 1750 mm
Rear : 1750 mm

6.1. Length : 5800 mm

7.1. Width : 2200 mm

8. Height : 2200 mm

11. Rear Length : 940 mm

12.1 The vehicle's upper structure and mass (es) in running order (kg) : 1960 kg

14.1 Maximum laden mass from a technical point of view : 6.960 kg

14.2 Distribution of the among the axles

Front : 5000 kg

Rear : 5000 kg

14.3 Permissible mass on every axle from a technical point of view

Front : 5000 kg

Rear : 5000 kg

32. Tires and wheels

Front : 900/16

Rear : 900/16

44. Maximum speed : 40 km/h

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