



**URSUS**

**1893**

**2018**

**125**

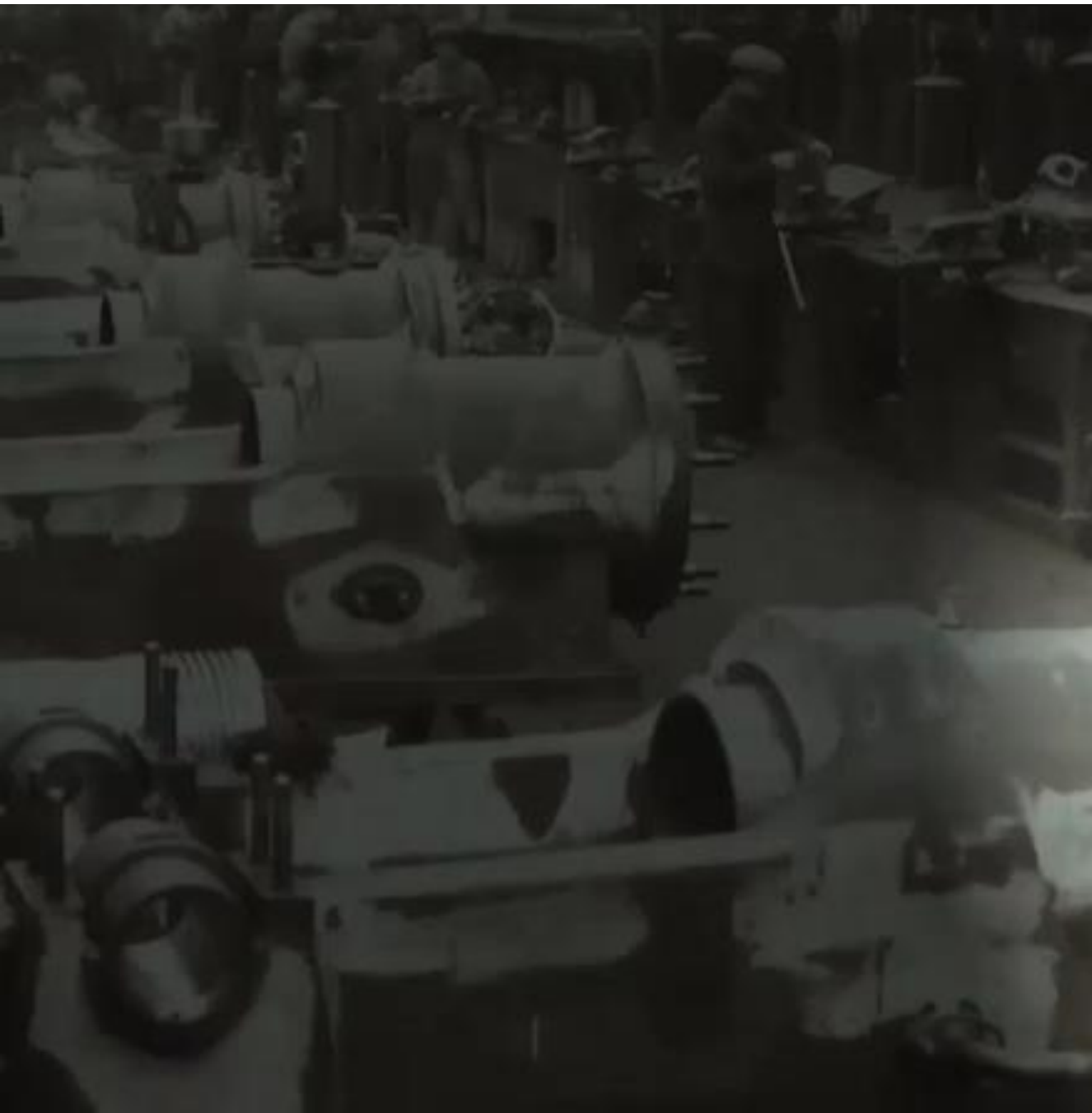
**YEARS OF BRAND**

125 years of experience and tradition in mechanization of agriculture

**URSUS S.A.**

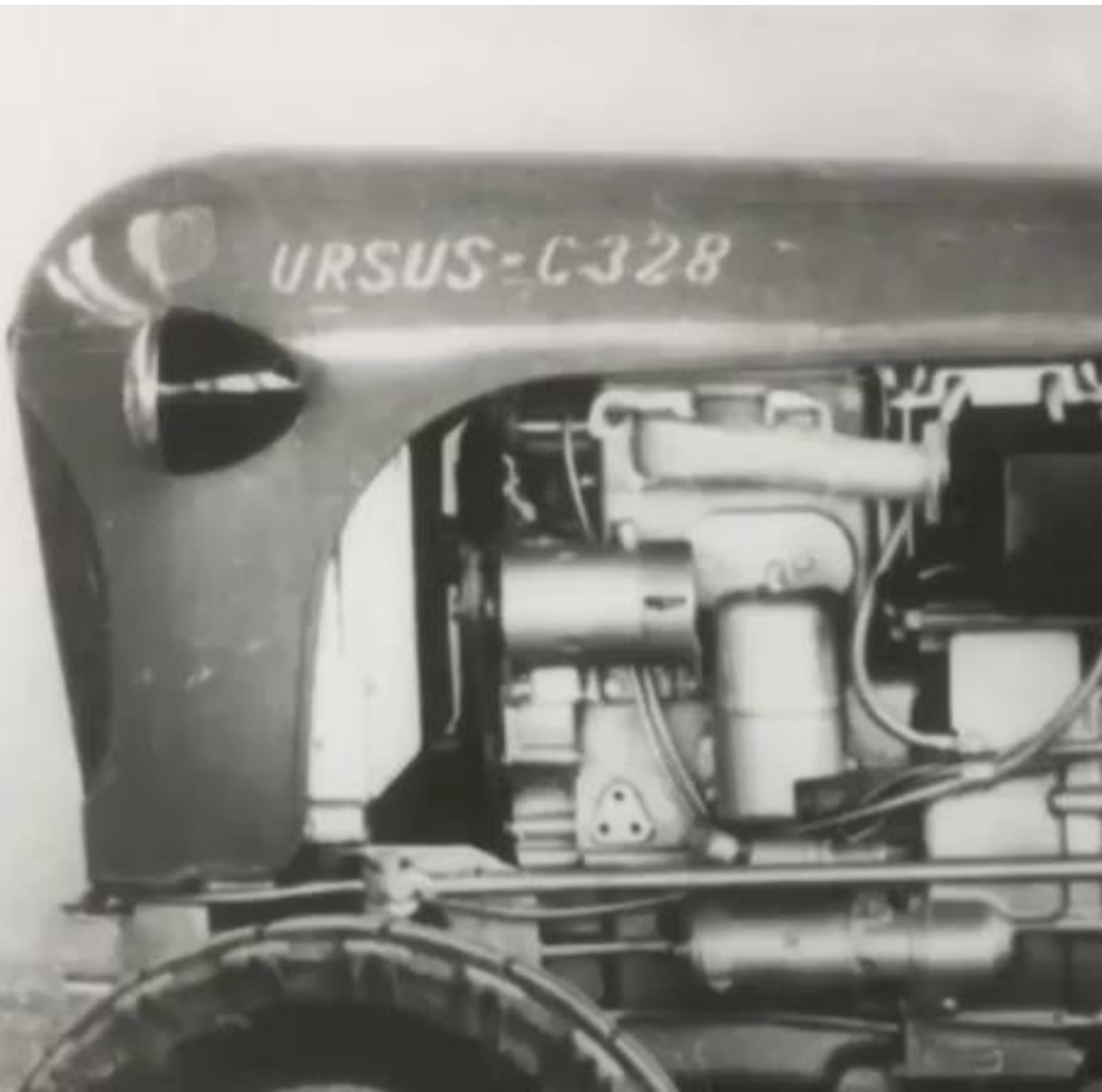
**Ursus SA is a leading company in the group. Since 1893 Ursus SA has been the main producer of agricultural tractors and machines in Poland.**

Ursus is undoubtedly the most recognisable Polish brand in the world.



**URSUS was established in Warsaw at the end of XIX century, in 1893. URSUS is one of the oldest tractor brands in Europe. We have more than a 125 years of experience in production of agriculture machines and tractors for the farmers.**

Our machines have been used by the generations of farmers. URSUS is undoubtedly the oldest Polish brand present on the agricultural machines and equipment market.



**URSUS is the company, thanks to which the process of mechanization of Polish agriculture had happened. More than two million units of URSUS' tractors has been already made since 1920's.**

We are truly proud, that URSUS is probably the most worldwide-known brand of the Polish industrial product.



## INVESTMENTS OPPORTUNITY



INVESTMENT IN A COMPANY THAT HAS A WIDE PRODUCTION PROGRAM, HAS ONE OF THE MOST RECOGNIZABLE BRANDS IN AGRO BUSINESS IN THE WORLD.

THE SUBJECT OF THE PURCHASE:

- BRAND „URSUS”
- TWO FACTORIES LOCATED IN POLAND
- PRODUCTION RIGHTS FOR A WIDE RANGE OF AGRICULTURAL TRACTORS AND MACHINES
- DYNAMIC AND FLEXIBLE TECHNICAL STAFF, WHO IN THE LAST PERIOD DESIGNED, OBTAINED EU APPROVALS, START THE PRODUCTION AND LAUNCHED ON MARKET 42 DIFFERENT AUTOMOTIVE PRODUCTS
- OWN SALES NETWORK IN POLAND
- INNOVATIVE TRANSMISSION AND HIGH POWER TRACTOR TRANSMISSION
- A WORKED NETWORK OF SALES IN THE EU AND IN AFRICA
- SPARE PARTS MARKET UP TO 400,000 URSUS TRACTORS

ESTIMATED MINIMUM PURCHASE EXPENDITURE UNDER THE BANKRUPTCY PROCESS IS EUR 16,000,000.

WE ACCEPT THE POSSIBLE SHAREHOLDING STRUCTURE 90% / 10%.





**URSUS**

**Creator of the Polish  
automotive industry**



**11 bus EU approvals**

**in 5 years.**

**21 tractor EU approvals**

**within 6 years.**

**42 implementations of vehicles for production.**



## **DOBRE MIASTO – DIVISION & HEADQUARTER**

### **AGRICULTURE MACHINERY AND COMPONENTS**

Division has a long experience in production of the agricultural machinery, dated back to 1946. Dobre Miasto facility is capable of manufacturing trailers, manure spreaders, round balers, ploughs, harrows, loaders with tools. The Division provides also some URSUS tractors parts for Lublin Division.

## **LUBLIN DIVISION**

### **CITY BUSES AND TRACTORS**

Production of URSUS tractors was moved from Warsaw to Lublin in 2011, to the area of the former Vehicle Manufacturing Plant, established in 1937. In this Division the whole range of URSUS tractors and since 2013 the municipal buses are produced.





# 1008 trailers



On August 29, 2019, URSUS SA and Möre Maskiner AB concluded a contract for the supply of 1008 trailers manufactured by URSUS S.A. dedicated to the Swedish market.

The total contract value is PLN 21 844 206 (~4 763 685 €). Deliveries are made from September 2019.

The logo for MöRE MASKINER, featuring the company name in a bold, sans-serif font with a red tractor icon to the right.



## URSUS FACTORY IN LUBLIN



## URSUS FACTORY IN DOBRE MIASTO



### URSUS factory in Lublin

Lublin, ul. Frezerów 7 (covers the entire plant area, all plots with buildings)

a. market value **EUR 8 888 888**

b. value for forced sale **EUR 6 222 222**

### URSUS factory in Dobre Miasto

Dobre Miasto, ul. Fabryczna 21 (plant area with buildings)

a. market value **EUR 6 666 666**

b. value for forced sale **EUR 4 6666 666**













**FULL INTELLECTUAL PROPERTY OWNERSHIP FOR PRODUCTS.**

**TRACTOR AND AGRICULTURAL MACHINES TECHNICAL AND PRODUCTION RIGHTS.**

**DIGITAL DOCUMENTATION.**

**RIGHTS TO MASSEY FERGUSON AND PERKINS TECHNICAL DOCUMENTATION FOR THE AFRICAN MARKET.**

**TRADEMARK RIGHTS REGISTERED IN OVER 100 COUNTRIES.**

Name	Type of trademark	Graphics	Classes according to the Nice Classification
URSUS	word and figurative		4, 6, 7, 8, 9, 11, 12, 14, 16, 18, 20, 21, 22, 25, 28, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45.
URSUS	word and figurative		
URSUS	word and figurative		
URSUS	word and figurative		
URSUS	word and figurative		
URSUS	word mark		
TUR	word mark		
VIGUS	word mark		
URS	word and figurative		
URSUS	word and figurative		
URSUS	word and figurative		
P7P URSUS	word and figurative		

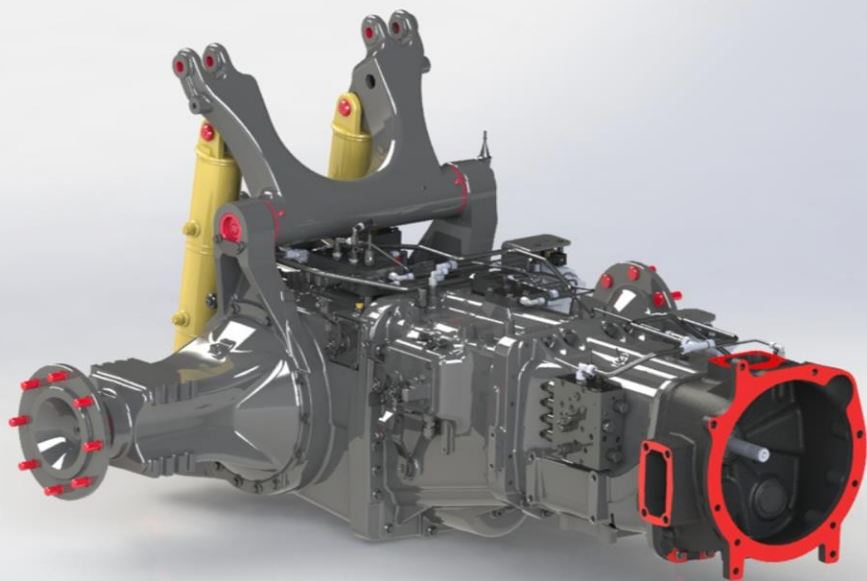


**400 000 URSUS TRACTORS WORK IN POLAND.  
IT IS A HUGE MARKET.**

**SPARE PARTS ARE SOLD IN 1700 STORES**



# URSUS VIGUS TRANSMISSION



## Vigus from 100 to 180 hp

Innovative transmission Vigus is the result of collaboration research and development center Ursus R&D engineers from Lublin University of Technology and the Military Technical Academy in Warsaw.

The Vigus is a synchronized 32x32 (powershift) gearbox with two split gears, four ranges and four basic gears. The electro-hydraulic powershuttle reverser is used to change the direction of travel without using the clutch pedal.

Tractors with Vigus transmission can compete with large tractor manufacturers such as NH, Case, John Deere etc.

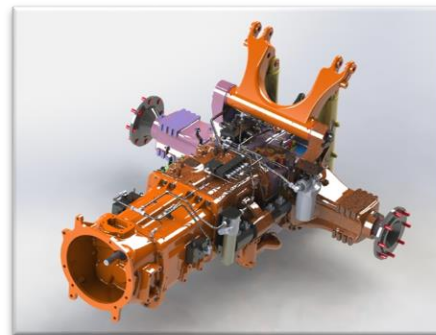
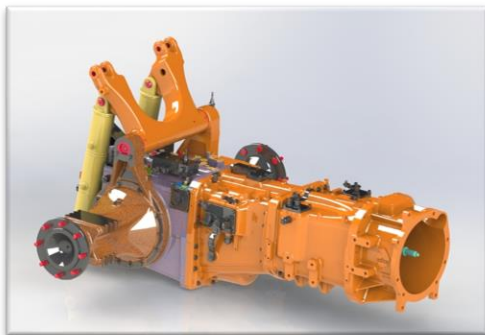
In the power range from 100 to 180 HP, there is no OEM supplier market. We can produce not only for our own needs. Therefore, there is interest from Turkish producers (Hattat, Basak, etc.)



# URSUS VIGUS TRANSMISSION



- Input torque up to 600Nm
- Engine power 130-160HP (180HP with power booster)
- 24-speed fully synchromesh transmission version
- 32-speed powershift & powershuttle transmission version
- 40 & 50 kph max speed options
- Optional creeper gear down to 0,2 kph
- 3-speed pto (540, 1000 and 540E/1000E) with ground speed
- 7000kg rear lift with Bosch Rexroth lower link HER
- Modern design
- Medium to high market specification: european, north american and asian markets
- Modular design concept for future flexibility and redesigning
- Allows tailoring the design to suit individual client



# Our solutions







So far, URSUS has offered four different series of tractors dedicated to different market needs:

**URSUS European Series** – the most advanced tractors dedicated to the markets, where the engine emission standards for tractors have been introduced, mostly to the European Union and North America, in the power range between 35HP and 150 HP

**URSUS Global Series** – reliable, modern design tractors dedicated to the overseas markets, with cabins or with safety frames in the power range between 35HP and 300 HP

**URSUS Classic Series** – legendary, unbreakable tractors based on the Massey Ferguson technology being in production since 1984 dedicated to the emerging markets, where simple tractors are required, in the power range between 47 and 120 HP

**URSUS Haulage Series** – the newest series of tractors dedicated for towing purposes only, prepared to work in the most difficult working conditions in the power range from 200 HP and above.

**URSUS C-3120 – 115 HP****URSUS C-3130 – 125 HP****URSUS C-3120 – 115 HP**

- 4-cylinder Deutz EU IV engine
- ZF 16 x 16 gearbox with Power Hi-Lo
- electrohydraulic lift (EHR) with a lifting capacity of 5000 kg

**URSUS C-3130 – 125 HP**

- 4-cylinder Deutz EU IV engine
- ZF 16 x 16 gearbox with Power Hi-Lo
- electrohydraulic lift (EHR) with a lifting capacity of 5000 kg



**URSUS C-360 B – 60 HP****URSUS C-350 B – 50 HP****URSUS C-335 B – 35 HP**

In Western Europe, there is a trend towards the increased use of small, compact tractors. They are perfect for, for example, people with small farms, plots outside of the city. They need such tractors for light work, which we do not call "traditional agriculture".

This segment of tractors can be called the "hobby" segment, but it is not the only purpose of these small but hard-working tractors. These types of machines are also successfully used in horse studs, small orchards but also in large farms - where they spend most of their life working in farm buildings, where their larger brothers would have serious maneuvering problems or would not fit in the entrance gates

## URSUS WITH PERKINS EU V ENGINE



## URSUS WITH KOHLER EU V ENGINE



Perkins Engine— 75, 95 horsepower.

Kohler Engine - 60, 70 horsepower.





## URSUS BLACK BEAR WITH PERKINS EU V ENGINE 95 AND 75 HP

PRODUCT DEDICATED TO THE GERMAN MARKET



**URSUS C-395 BB**  
*Black Bear*



Technical data	C-395 BB
ENGINE [brand and model]	PERKINS
Engine type	turbocharged with intercooler
Power [ISO 14396] kW/HP at rpm	70/95 - 2200
Max. torque, Nm at rpm	395 - 1600
Capacity [cm³] / number of cylinders	3400 / 4
Air cleaner	2-stage, dry type with contamination sender
Fuel tank capacity, l	120
TRANSMISSION	
Clutch	2-disc dry type with independent PTO clutch control
Gearbox	12 x12 with synchroshuttle
Rear axle	with mechanically actuated differential lock and planetary hubs with planetary hubs
Front axle	
Maximum speed, km/h	40
POWER TAKE-OFF (PTO)	
Type	IPTO and ground speed
PTO speeds, rev./min.	540 / 1000
HYDRAULIC LIFT SYSTEM	
Functions	draft, position, mixed, sensitivity and lowering speed controls
Pump capacity, l/min	50
Nominal pressure, MPa	18
Lift capacity, kg	3100 [option 3600]
External hydraulics spool valves	3 [6 quick -couplings]
THREE-POINT LINKAGE SYSTEM	
STEERING SYSTEM	
BRAKING SYSTEM	
Service brake	oil immersed, disc type, hydraulically actuated
Parking brake	mechanical, hand actuated
WHEELS AND TREADS	
Front-rear wheels	280/85R24 - 420/85R30 [in option: 380/70R24 - 480/70R34]
Front   rear treads, mm	1420-1880   1384 -1978
HITCHES [std.]	front and height adjustable transport hitch
CABIN	4-post with sunroof
Basic equipment	heating, front/rear work lamps, wipers and sprayers, beacon light
DIMENSIONS	
Length / width / height/, mm	4240/1884-2458/2600
Wheelbase, mm	2280
Ground clearance, mm	400
Weight without ballast weights, kg	3300
EQUIPMENT AND OPTIONS	trailer air braking system [single- and double-line], trailer hydraulic braking system
	3-point linkage with hook type ends, torsional front fenders, front hook-type
	3-point linkage syst., front PTO, drawbar, Piton-fix hitch, AC,
	front/rear, weights: up to 440 / 210 kg, 95mm extender of fenders
	front - rear wheels: 320/70R24 - 480/70R30; 340/85R24 - 420/85R34

## URSUS C-3150 POWER C-3150V POWER

4- cyl. DEUTZ EU IV engine  
ZF transmission, 40 x 40 (ZF) or **32 x 32 (VIGUS)**  
gearbox with powershuttle, powershift and creeper  
EHR hydraulic lift  
lift capacity of 7000 kg  
comprehensive equipment



Technical data	C-3150 POWER	C-3150V POWER (AVAILABLE SOON)
ENGINE [brand and model]	DEUTZ TCD 6.1 L6 EU IV	
Engine type	turbocharged with intercooler	
Power [ISO 14396] kW/HP at rpm	109/ 150 - 2100	120/ 160 - 2100
Max. torque, Nm at rpm	661 / 1400	739 / 1500
Capacity [cm³] / number of cylinders	6060 / 6	
Air filter	two-stage, dry type with contamination sender	
Fuel tank capacity, l	250	
TRANSMISSION	wet, multiplate	
Clutch	ZF, 40x40, with Powershuttle, Powershift and creeper	
Gearbox	Ursus VIGUS, 32x32 with Powershuttle, Powershift and creeper	Ursus VIGUS, 32x32 with Powershuttle, Powershift and creeper
Rear axle	with electro-hydraulic differential lock and planetary hubs	
Front axle	electrohydraulically actuated with electro-hydraulic differential lock and planetary hubs	
Maximum speed, km/h	40	
POWER TAKE-OFF (PTO)	IPTO, engaged electrohydraulically	
Type	540 / 540E / 1000 / 1000E	
PTO speeds, rev./min.		
HYDRAULIC LIFT SYSTEM	EHR	
Functions		
Pump capacity, l/min	90	100
Nominal pressure, MPa	20	
Lift capacity, kg	7200	7000
External hydraulics spool valves	four [8 quick-couplings]	
THREE-POINT LINKAGE SYSTEM	cat.3	
STEERING SYSTEM	hydrostatic	
BRAKING SYSTEM		
Service brake	oil immersed, disc type, hydraulically actuated	
Parking brake	mechanical, hand actuated	
WHEELS AND TREADS		
Front - rear wheels	480 / 70R28 - 580/70R38	
Front   rear treads, mm	1860 / 1770	
HITCHES [std.]	hight adjustable hitch, Piton-fix, drawbar and front hitch	
CABIN	comfortable, two- door	
Basic equipment	heating and air conditioning, front and rear worklamps, wipers and sprayers, beacon light,	
DIMENSIONS		
Length / width / height/, mm	4720 / 2440 / 3000	
Wheelbase, mm	2500	
Ground clearance, mm	470	
Weight without ballast weights, kg	6900	
STANDARD EQUIPMENT	3-point linkage with hook type ends, torsional front fenders	
OPTIONS	trailer air braking system [1- and 2-line], trailer hydraulic braking system, front PTO, front 3-point linkage, LED headlights, front weights - 440 kg, additional front weights to the requirement,	



## URSUS C-3110

PERKINS EU IIIA or IIIB engine

24 x 24 gearbox with synhroshuttle and creeper

4400 kg lift capacity

EHR in standard equipment

4-post cabin with sunroof for excellent visibility



Technical data		C-3110	
ENGINE [brand and model]		PERKINS 1104D EU IIIA	PERKINS 854F-E34TA EU IIIB
Engine type		turbocharged with intercooler	
Power [ISO 14396] kW/HP at rpm		81 / 110 - 2200	
Max. torque, Nm at rpm		416 - 1400	450 - 1400
Capacity [cm <sup>3</sup> ] / number of cylinders		4400 / 4	3400 / 4
Air cleaner		two-stage, dry type with contamination sender	
Fuel tank capacity, l		180	
TRANSMISSION		dry single disc type	
Clutch		24 x 24, with synchroshuttle and creeper	
Gearbox		with electro-hydraulic differential lock control and planetary hubs	
Rear axle		electrohydraulically actuated with planetary hubs	
Front axle		40	
Maximum speed, km/h		40	
POWER TAKE-OFF (PTO)		IPTO with wet multidisc clutch and ground speed	
Type		540 / 1000	
PTO speeds, rev./min.		540 / 1000	
HYDRAULIC LIFT SYSTEM		EHR	
Functions		EHR	
Pump capacity, l/min		55	
Nominal pressure, MPa		18	
Lift capacity, kg		4400	
External hydraulics spool valves		two [four quick-couplings]	
THREE-POINT LINKAGE SYSTEM		cat. 2	
STEERING SYSTEM		hydrostatic	
BRAKING SYSTEM		oil immersed, disc type, hydraulically actuated	
Service brake		mechanical, hand actuated	
Parking brake		mechanical, hand actuated	
WHEELS AND TREADS		380/70 R24 - 480/70 R34	
Front - rear wheels		1635 - 1990   1535 - 1980	
Front   rear treads, mm		high adjustable hitch and front hitch	
HITCHES [std.]		4-post cab with sunroof	
CABIN		heating, front and rear : worklamps, wipers and sprayers, beacon light,	
Basic equipment		4285 / 2015-2460 / 2615	
DIMENSIONS		4285 / 2015-2460 / 2615	
Length / width / height/, mm		2420	
Wheelbase, mm		420	
Ground clearance, mm		4050	
Weight without ballast weights, kg		3-point linkage with hook type ends, torsional front fenders,	
STANDARD EQUIPMENT		trailer air braking system (1single- and double-line), trailer hydraulic braking system, drawbar	
OPTIONS		front hook-type 3-point linkage syst., front PTO, 6 hydraulic quick- couplings, 540 / 540E PTO	
		AC, front/rear weights: up to 440 / 320 kg, front - rear wheels: 420/70 R24 - 520/70 R34,	

## URSUS C-3105

Perkins EU IIIB engines,  
12x12 gearbox with synchroshuttle,  
lift capacity of 4400 kg  
4-post cabin with sunroof  
for excellent visibility



Technical data	C-3105
ENGINE [brand and model]	PERKINS 854F-E34TA EU IIIB
Engine type	turbocharged with intercooler
Power [ISO 14396] kW/HP at rpm	75 / 102 - 2200
Max. torque, Nm at rpm	420 - 1400
Capacity [cm ] / number of cylinders	3400 / 4
Air cleaner	2-stage, dry type with contamination sender
Fuel tank capacity, l	120
TRANSMISSION	
Clutch	2-disc dry type with electrohydraulic PTO clutch control
Gearbox	12 x12 with synchroshuttle
Rear axle	with electro-hydraulically actuated differential lock and planetary hubs
Front axle	electro-hydraulically actuated with automatic differential lock and planetary hubs
Maximum speed, km/h	40
POWER TAKE-OFF (PTO)	
Type	iPTO with electro-hydraulic clutch control
PTO speeds, rev./min.	540 / 1000
HYDRAULIC LIFT SYSTEM	
Functions	draft, position, lowering speed and Auto-Lift controls
Pump capacity, l/min	55
Nominal pressure, MPa	18
Lift capacity, kg	4400
External hydraulics spool valves	2 (4 quick -couplings)
THREE - POINT LINKAGE SYSTEM	cat. 2 with hooks
STEERING SYSTEM	hydrostatic
BRAKING SYSTEM	
Service brake	oil immersed, disc type, hydraulically actuated
Parking brake	mechanical, hand actuated
WHEELS AND TREADS	
Front - rear wheels	380/70R24 - 480/70R34
Front   rear treads, mm	1580-1780 / 1595-1795
HITCHES [std.]	front and height adjustable transport hitch
CABIN	4-post with sunroof
Basic equipment	heating, front/rear work lamps, wipers and sprayers, beacon light,
DIMENSIONS	
Length / width / height/, mm	4220 / 1828-2484 / 2615
Wheelbase, mm	2477
Ground clearance, mm	430
Weight without ballast weights, kg	3700
STANDARD EQUIPMENT	3-point linkage external control, 3-point linkage with hook type ends torsional front fenders,
OPTIONS	trailer air braking system (1single- and double-line), trailer hydraulic braking system, front hook-type 3-point linkage syst., front PTO, 6 hydraulic quick- couplings, drawbar, Piton-fix hitch, AC, front/rear, weights: up to 440 / 320 kg, front - rear wheels: 420/70R24 - 520/70R34,



## URSUS C-385, C-395 POWER

Perkins EU IIIB engine,  
12 x 12 gearbox with  
synchroshuttle (C-385), 24x12 with  
Powershuttle , Hi-Lo Powershift  
(C-395 POWER)  
up to 3600 kg lift capacity  
4-post cabin with sunroof  
for excellent visibility



Technical data	C-385	C-395 POWER
	ENGINE [brand and model]	PERKINS 854E-E34TA EU IIIB
Engine type	turbocharged with intercooler	
Power [ISO 14396] kW/HP at rpm	62,5 / 85 / 2200	66/90- 2200
Max. torque, Nm at rpm	354 - 1400	395 - 1600
Capacity [cm³] / number of cylinders	3400 / 4	
Air cleaner	2-stage, dry type with contamination sender	
Fuel tank capacity, l	120	
TRANSMISSION		
Clutch	2-disc dry type with indep. PTO clutch control	wet, multiplate
Gearbox	12 x12 with synchroshuttle with mechanically actuated	24x12 with Powershuttle, Hi-Lo Powershift with electro-hydraulically actuated
Rear axle	differential lock and planetary hubs with planetary hubs	differential lock and planetary hubs electro-hydr. actuated with planetary hubs
Front axle		40
Maximum speed, km/h		
POWER TAKE-OFF (PTO)		
Type	IPTO and ground speed	IPTO with wet multidisc clutch and ground speed
PTO speeds, rev./min.	540 / 1000	
HYDRAULIC LIFT SYSTEM		
Functions	draft, position, mixed, sensitivity and lowering speed controls	
Pump capacity, l/min	50	
Nominal pressure, MPa	18	
Lift capacity, kg	3100 [option 3600]	
External hydraulics spool valves	2 [4 quick-couplings]	
THREE-POINT LINKAGE SYSTEM	cat.2	
STEERING SYSTEM	hydrostatic	
BRAKING SYSTEM		
Service brake	oil immersed, disc type, hydraulically actuated	
Parking brake	mechanical, hand actuated	
WHEELS AND TREADS		
Front-rear wheels	280/85R24 - 420/85R30 [in option 380/70R24 - 480/70R34]	
Front   rear treads, mm	1420-1880   1384 -1978	
HITCHES [std.]	front and height adjustable transport hitch	
CABIN	4-post with sunroof	
Basic equipment	heating, front/rear work lamps, wipers and sprayers, beacon light	
DIMENSIONS		
Length / width / height/, mm	4240/1884- 2458/2600	
Wheelbase, mm	2280	
Ground clearance, mm	400	
Weight without ballast weights, kg	3300	
STANDARD EQUIPMENT	3-point linkage external control, 3-point linkage with hook type ends torsional front fenders,	
OPTIONS	trailer air braking system [single- and double-line], trailer hydraulic braking system, front hook-type 3-point linkage syst., front PTO, 6 hydraulic quick- couplings, drawbar, Piton-fix hitch, AC, front/rear, weights: up to 440 / 210 kg, front - rear wheels: 320/70R24 - 480/70R30; ,340/85R24- -420/85R34, 12,4 R24 12,4 R38; 11,2 R24 - 12,4R36,fender extensions 95mm, 24x24 gearbox[C-385]	



## URSUS C-380

Perkins EU IIIB engine  
12 x 12 gearbox with  
synchroshuttle,  
2650 kg lift capacity,  
4-post cabin with sunroof  
for excellent visibility



Technical data		C-380	
ENGINE [brand and model]	PERKINS 854F-E34T EU IIIB	KOHLER KDI2504TCR/22A EU IIIB	
Engine type	turbocharged	turbocharged with intercooler	
Power [ISO 14396] kW/HP at rpm	55 / 75 - 2200		
Max. torque, Nm at rpm	318 - 1400	300 - 1400	
Capacity [cm <sup>3</sup> ] / number of cylinders	3400 / 4	2500 / 4	
Air cleaner	2-stage, dry type with contamination sender		
Fuel tank capacity, l	120		
TRANSMISSION	2-disc dry type with independent PTO clutch control		
Clutch	12 x12 with synchroshuttle		
Gearbox	with mechanically controlled differential lock and planetary hubs		
Rear axle	with planetary hubs		
Front axle	30		
Maximum speed, km/h	IPTO and ground speed		
POWER TAKE-OFF (PTO)	540 / 1000		
Type	draft, position, mixed, sensitivity and lowering speed controls		
PTO speeds, rev./min.	50		
HYDRAULIC LIFT SYSTEM	18		
Functions	2650		
Pump capacity, l/min	2 (4 quick -couplings)		
Nominal pressure, MPa	cat.2		
Lift capacity, kg	hydrostatic		
External hydraulics spool valves	oil immersed, disc type, mechanically actuated		
THREE-POINT LINKAGE SYSTEM	mechanical, hand actuated		
STEERING SYSTEM	280/85R24 - 420/85R30		
BRAKING SYSTEM	1420-1880   1384 -1978		
Service brake	front and height adjustable transport hitch		
Parking brake	4-post with sunroof		
WHEELS AND TREADS	heating, front/rear work lamps, wipers and sprayers, beacon light		
Front-rear wheels	4210/ 1770-2398/ 2570		
Front   rear treads, mm	2255		
HITCHES [std.]	375		
CABIN	3258		
Basic equipment	3-point linkage external control, torsional front fenders, 3-point linkage syst. with hook type ends, trailer air braking system [single- and double-line],		
DIMENSIONS	front [hook-type] 3-point linkage system, front PTO, 6 hydraulic quick- couplings, drawbar, Piton-fix hitch, AC, front/rear weights: up to 440/ 210 kg, fender extensions 95mm		
Length / width / height/, mm	front - rear wheels: 320/70R24 - 480/70R30; 12,4 R24 -12,4 R38; 11,2 R24 - 12,4R36,		
Wheelbase, mm			
Ground clearance, mm			
Weight without ballast weights, kg			
STANDARD EQUIPMENT			
OPTIONS			



## URSUS C-350

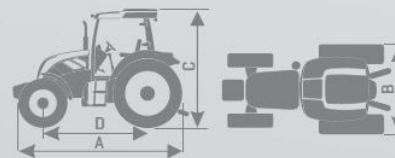
Perkins EU IIIA engine,  
12x12 gearbox with creeper and  
synchroshuttle,  
1300 kg lift capacity,  
4-post cabin



Technical data	C-350
ENGINE [brand and model]	PERKINS 1103D EU IIIA
Engine type	naturally aspirated
Power [ISO 14396] kW/HP at rpm	37 / 50 - 2200
Max. torque, Nm at rpm	196 - 1400
Capacity [cm <sup>3</sup> ] / number of cylinders	3300 / 3
Air cleaner	2-stage, dry type with contamination sender
Fuel tank capacity, l	49
TRANSMISSION	
Clutch	2-disc dry type with independent PTO clutch control
Gearbox	12 x 12, with creeper and synchroshuttle
Rear axle	with mechanical differential lock and planetary hubs
Front axle	with planetary hubs
Maximum speed, km/h	40
POWER TAKE-OFF (PTO)	
Type	iPTO with hand operated PTO clutch and ground speed
PTO speeds, rev./min.	540 / 1000
HYDRAULIC LIFT SYSTEM	
Functions	draft, position, mixed, sensitivity and lowering speed controls
Hydraulic lift pump capacity, l/min	40
Nominal pressure, MPa	18
Lift capacity, kg	1300
External hydraulics spool valves	2 (4 quick-couplings)
THREE-POINT LINKAGE SYSTEM	cat.1 with balls to cat.2
STEERING SYSTEM	hydrostatic
BRAKING SYSTEM	
Service brake	oil immersed, disc type, hydraulically actuated
Parking brake	mechanical, hand actuated
WHEELS AND TREADS	
Front - rear wheels	7,5R16 - 12,4 R28
Front   rear treads, mm	1045   1092-1504
HITCHES [std.]	front and height adjustable transport hitch
CABIN	4-post
Basic equipment	heating, front/rear work lamps, wipers and sprayers, beacon light,
DIMENSIONS	
Length / width / height/, mm	3700 / 1410-1825 / 2350
Wheelbase, mm	1940
Ground clearance, mm	330
Weight without ballast weights, kg	2420
OPTIONS	front 3-point linkage, front PTO, trailer air braking system [single and double line] drawbar, Piton-fix hitch, AC, torsional front fenders, 100kg front weights front mounted quick-couplings (4), front/rear wheels: 280/70R16 - 360/70R28
	<b>municipal and ROPS version available</b>



OVERALL  
DIMENSION



**C-350**

A = 3700 mm  
B = 1410-1835 mm  
C = 2350 mm  
D = 1940 mm

## TRACTORS - GLOBAL SERIES URSUS 3512, 4512

URSUS engine  
8x2 gearbox with  
epicyclic reduction unit  
rear axle with planetary hubs  
up to 2500 kg lift capacity



Technical data	3512 (2RM)	4512(2RM)
ENGINE (make & model)	URSUS 3250	URSUS 4406
Engine type	diesel, naturally aspirated, direct injection, watercooled	
Power, kW / HP at rpm (ECE R120)	34,5/47 / 2250	48,5/66 / 2000
Torque, Nm at rpm	165/1400	232/1400
Capacity [cm <sup>3</sup> ] / number of cylinders	2500 / 3	4065/4
Air cleaner	oil bath type	
Fuel tank capacity, L	58	80
TRANSMISSION	dry, double disc	
Clutch	8 x 2 with epicyclic reduction units	
Gearbox	with mechanical differential lock and planetary hubs	
Rear axle	three section type	
Front axle	30	
Max. speed km/h	30	
POWER TAKE-OFF	live- proportional to engine speed	
Type	540	
PTO speeds, rev./min.	540	
HYDRAULIC LIFT SYSTEM	draft, position and response control	
Function	26,7	
Hydraulic pump oil flow, l/min	18	
Nominal pressure, MPa	1300	
Hydraulic lift capacity, kg	1300	2500
External hydraulics spool valves (std.)	single (2 quick couplings)	
Three-point linkage	Cat. 2	
STEERING SYSTEM	hydrostatic	
Service brake	oil immersed, disc type, mechanically actuated together or independently	
Parking brake	mechanical, hand actuated	
WHEELS & TREADS	6 - 16 / 14,9-28	
Front /rear wheels	6 - 16 / 14,9-28	7,5 - 16 / 18,4 -30
Front   rear treads, mm	1350, 1500, 1800	1400, 1500, 1600, 1700, 1800
HITCHES	heavy-duty drawbar, front hitch	
2- POST FRAME WITH CANOPY	standard	
Equipment	beacon light	
DIMENSIONS & WEIGHTS	3413 / 1850 / 2240	
Length / Width / Height, mm	3413 / 1850 / 2240	3780 / 1850 / 2300
Wheelbase, mm	2083	2300
Ground clearance, mm	380	410
Weight without ballast weights, kg	2285	2660
STANDARD EQUIPMENT	rear worklamp	
OPTIONS	-	trailer air braking system (single-line), air compressor installation for pumping tyres
	upper transport hitch, front/ rear weights: up to 200 / 190 kg, 12F + 4R gearbox,	



## TRACTORS - GLOBAL SERIES URSUS 5312, 5314

URSUS engine  
8x2 gearbox with  
epicyclic reduction unit  
2500 kg lift capacity



Technical data	5312 (2RM)	5314(4RM)
<b>ENGINE</b> (make & model)	URSUS 4406	
Engine type	diesel, naturally aspirated, direct injection, watercooled	
Power, kW / HP at rpm (ECE R120)	55/75 at 2200	
Torque, Nm at rpm	261 at 1300-1500	
Capacity [cm³] / number of cylinders	4065 / 4	
Air cleaner	oil bath type	
Fuel tank capacity, L	80	
<b>TRANSMISSION</b>		
Clutch	dry, double disc	
Gearbox	8 x 2 with epicyclic reduction units	
Rear axle	with mechanical differential lock and planetary hubs	
Front axle	three section type	with planetary hubs
Max. speed km/h	30	
<b>POWER TAKE-OFF</b>		
Type	live- proportional to engine speed	
PTO speeds, rev./min.	540	
<b>HYDRAULIC LIFT SYSTEM</b>		
Function	draft, position and response control	
Hydraulic pump oil flow, l/min	26,7	
Nominal pressure, MPa	18	
Hydraulic lift capacity, kg	2500	
External hydraulics spool valves [std.]	single (2 quick couplings)	
Three-point linkage	Cat. 2	
<b>STEERING SYSTEM</b>	hydrostatic	
Service brake	oil immersed, disc type, mechanically actuated together or independently	
Parking brake	mechanical, hand actuated	
<b>WHEELS &amp; TREADS</b>		
Front / rear wheels	7,5 - 16 / 18,4-30	12,4/11-24 / 18,4-30
Front / rear treads, mm	1400, 1500, 1600, 1700, 1800	1475 - 1815
<b>HITCHES</b>	heavy-duty drawbar, front hitch	
<b>2-POST FRAME WITH CANOPY</b>	standard	
Equipment	beacon light	
<b>DIMENSIONS &amp; WEIGHTS</b>		
Length / Width / Height, mm	3775 / 2010 / 2410	3760 / 2010 / 2410
Wheelbase, mm	2290	2300
Ground clearance, mm	380	350
Weight without ballast weights, kg	2920	3240
<b>STANDARD EQUIPMENT</b>	-	front fenders
<b>OPTIONS</b>	rear worklamp	
	trailer air braking system [single-line], upper transport hitch	
	front/ rear weights: up to 200 / 300 kg, 12F + 4R gearbox,	
	air compressor installation for pumping tyres	

## TRACTORS - GLOBAL SERIES

### URSUS 6012, 6014

URSUS engine  
8x2 gearbox with  
epicyclic reduction unit  
2500 kg lift capacity



Technical data	6012 (2RM)	6014(4RM)
ENGINE [make & model]	URSUS 4406T	
Engine type	diesel, turbocharged, direct injection, watercooled	
Power, kW / HP at rpm [ECE R120]	62 / 85 at 2200	
Torque, Nm at rpm	313 at 1300	
Capacity [cm <sup>3</sup> ] / number of cylinders	4065 / 4	
Air cleaner	two-stage, dry type	
Fuel tank capacity, L	80	
TRANSMISSION		
Clutch	dry, double disc	
Gearbox	8 x 2 with epicyclic reduction units	
Rear axle	with mechanical differential lock and planetary hubs	
Front axle	three section type	with planetary hubs
Max. speed km/h	30	
POWER TAKE-OFF		
Type	live- proportional to engine speed	
PTO speeds, rev./min.	540	
HYDRAULIC LIFT SYSTEM		
Function	draft, position and response control	
Hydraulic pump oil flow, l/min	26,7	
Nominal pressure, MPa	18	
Hydraulic lift capacity, kg	2500	
External hydraulics spool valves [std.]	single [2 quick couplings]	
Three-point linkage	Cat. 2	
STEERING SYSTEM	hydrostatic	
Service brake	oil immersed, disc type, mechanically operated together or independently	
Parking brake	mechanical, hand actuated	
WHEELS & TREADS		
Front / rear wheels	7,5 - 20 / 18,4-30	12,4/11-24 / 18,4-30
Front / rear treads, mm	1400, 1500, 1600, 1700, 1800	1475 - 1815
HITCHES	heavy-duty drawbar, front hitch	
2-POST FRAME WITH CANOPY	standard	
Equipment	beacon light	
DIMENSIONS & WEIGHTS		
Length / Width / Height, mm	3893 / 1829 / 2640	3903 / 1829 / 2655
Wheelbase, mm	2290	2300
Ground clearance, mm	380	350
Weight without ballast weights, kg	2970	3290
STANDARD EQUIPMENT	-	
OPTIONS	front fenders, rear worklamp trailer air braking system (single-line), upper transport hitch front/ rear weights: up to 200 / 300 kg, 12F + 4R gearbox air compressor installation for pumping tyres	



## TRACTORS - GLOBAL SERIES URSUS 8014

DEUTZ engine  
12x4 synchromesh gearbox  
with epicyclic reduction unit  
3800 kg lift capacity



Technical data	8014
<b>ENGINE [brand and model]</b>	DEUTZ BF4M2012C
Engine type	turbocharged with intercooler
Power [ISO 14396] kW/HP at rpm	81/110 /2200
Max. torque, Nm at rpm.	445 / 1500
Capacity [cm³] / number of cylinders	4038/ 4
Air cleaner	two-stage, dry type
Fuel tank capacity, l	180
<b>TRANSMISSION</b>	
Clutch	single-disc, dry type
Gearbox	12 x 4, synchromesh
Rear axle	with mechanical differential lock and planetary hubs
Front axle	with planetary hubs
Maximum speed, km/h	40
<b>POWER TAKE-OFF (PTO)</b>	
Type	IPTO, engaged electro-hydraulically
PTO / engine speed, rev./min.	540/1000
<b>HYDRAULIC LIFT SYSTEM</b>	
Functions	draft, position, response control
Pump capacity, l/min	55
Nominal pressure, MPa	18
Lift capacity, kg	3800
External hydraulics spool valves	2 (4 quick -couplings)
<b>THREE-POINT LINKAGE SYSTEM</b>	
STEERING SYSTEM	cat. 2
<b>BRAKING SYSTEM</b>	hydrostatic
Service brake	oil immersed, disc type, hydraulically actuated
Parking brake	mechanical, hand actuated
<b>WHEELS AND TREADS</b>	
Front/rear wheels	13,6-24 / 16,9-34
Front/rear treads, mm	1650/1710
<b>HITCHES [std.]</b>	heavy-duty drawbar, front hitch
<b>2-POST FRAME WITH CANOPY</b>	standard
Basic equipment	beacon light
<b>DIMENSIONS</b>	
Length / width / height/, mm	4480/2230/2880
Wheelbase, mm	2435
Ground clearance, mm	440
Weight without ballast weights, kg	4130
<b>STANDARD EQUIPMENT</b>	front fenders, rear worklamp
<b>OPTIONS</b>	trailer air braking system [single-line], upper transport hitch, front/ rear weights: up to 440 / 320 kg, air compressor installation for pumping tyres

## TRACTORS - GLOBAL SERIES

### URSUS 10034, 13034

DEUTZ engine

16x16 with mechanical shuttle

5600/6500 kg lift capacity



Technical data	10034	13034
ENGINE [brand and model]	DEUTZ BF6M1013E	DEUTZ BF06M1013E
Engine type	turbocharged	
Power [ISO 14396] kW/HP at rpm	103/140 / 2300	132/180 / 2200
Max. torque, Nm at rpm.	556/1400	667/1400
Capacity [cm <sup>3</sup> ] / number of cylinders	7146 / 6	
Air cleaner	two-stage, dry type	
Fuel tank capacity, l	250	
TRANSMISSION		
Clutch	two-disc, dry type with independent PTO clutch control	
Gearbox	16x16 with mechanical shuttle	
Rear axle	with mechanical differential lock and planetary hubs	
Front axle	with planetary hubs	
Maximum speed, km/h	30	
POWER TAKE-OFF (PTO)		
Type	with hand actuated PTO clutch	
PTO / engine speed, rev./min.	540/1000	
HYDRAULIC LIFT SYSTEM		
Functions	position control and floating position	
Pump capacity, l/min	88	
Nominal pressure, MPa	18	
Lift capacity, kg	5600	6500
External hydraulics spool valves	2 (4 quick-couplings)	
THREE-POINT LINKAGE SYSTEM	cat.3	
STEERING SYSTEM	hydrostatic	
BRAKING SYSTEM		
Service brake	wet, disc type, hydraulically actuated	
Parking brake	mechanical, hand actuated	
WHEELS AND TREADS		
Front/rear wheels	13,6-24 / 18,4-34	16,9-28 / 20,8-38
Front/rear treads, mm	1945/1900	
HITCHES [std.]	front and bottom tranport hitch	
CABIN	6-post	
Basic equipment	ventilation, beacon light, wipers and sprayers	
DIMENSIONS		
Length / width / height/, mm	5280/2360/2830	5250/2500/2970
Wheelbase, mm	2750	2855
Ground clearance, mm	415	425
Weight without ballast weights, kg	5440	6847
STANDARD EQUIPMENT	front fenders, rear worklamp	
OPTIONS	front/ rear weights: up to 440/ 300 kg trailer air braking system (single-line), beacon light, AC additional front weights to the requirement,	



## TRACTORS - GLOBAL SERIES

**URSUS 15034**

**URSUS 18534**



Technical data	15014	18514
ENGINE [brand and model]	DEUTZ BF6M1013EC	DEUTZ BF6M1013FC
Engine type	turbocharged with intercooler	
Power [ISO 14396] kW/HP at rpm	147 /200 - 2300	184/250 / 2300
Max. torque, Nm at rpm	727 - 1400	1050 - 1500
Capacity [cm <sup>3</sup> ] / number of cylinders	7145 /6	
Air filter	2-stage, dry type with contamination sender	
Fuel tank capacity, l	330	
TRANSMISSION	Automatic - 6 F / 1 R with front drive engagement	
Gearbox ALLISON 3000	GHM MTC 60/420 Distributor box - 50/50% for rear and front axle	
Distributor box	With planetary hub reduction units and hydraulically actuated brakes	
Rear axle - ZF	with planetary hub reduction units and brakes	
Front axle - Carraro	45	
Maximum speed, km/h	45	
HYDRAULIC SYSTEM	90	
Pump capacity, l/min	18	
Nominal pressure, MPa	Single spool valve [2 quick -couplings]	
External hydraulics spool valves	hydrostatic	
STEERING SYSTEM	oil immersed disc brakes hydraulically actuated, acting on rear and front wheels	
BRAKING SYSTEM	mechanical, hand actuated	
Service brake	16.9-28 / 20.8-38	
Parking brake	2150 / 2150	
WHEELS AND TREADS	rear ø110 mm ball type pick-up hitch	
Front/rear wheels	Comfortable cab on 4 shock absorbing pads	
Front/rear treads, mm	AC, front/rear work lamps, wipers and sprayers , external and internal rear view mirrors, beacon lamp	
HITCHES [std.]	5200/ 2685/ 3100	
CABIN	3150	
Basic equipment	380 under the automatic hitch, 440 under the front axle and, 600 under the rear axle	
DIMENSIONS	6000	
Length / width / height/, mm	6400	
Wheelbase, mm	2-line trailer air braking system	
Ground clearance, mm		
Weight without ballast weights, kg		
STANDARD EQUIPMENT		

## TRACTORS - GLOBAL SERIES URSUS 20534



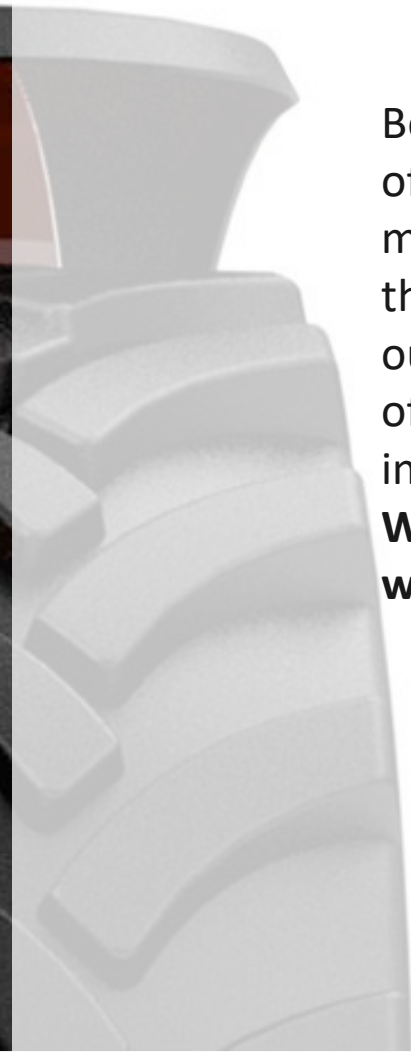
Technical data	20514
<b>ENGINE [brand and model]</b>	DEUTZ TDC2013L06-4V
Engine type	turbocharged
Power [ISO 14396] kW/HP at rpm	205/278 / 2350
Max. torque, Nm at rpm.	1052/1600
Capacity [cm <sup>3</sup> ] / number of cylinders	7146 / 6
Air cleaner	dry type
Fuel tank capacity, l	2 x 300
<b>TRANSMISSION</b>	
Clutch	hydrokinetic
Gearbox	40x40 with Powershuttle, Powershift and creeper
Rear axle	with electro-hydraulic differential lock and planetary hubs
Front axle	electrohydraulically actuated with electro-hydraulic differential lock and planetary hubs
Maximum speed, km/h	40
<b>POWER TAKE-OFF (PTO)</b>	
Type	iPTO with electro-hydraulic clutch control
PTO / engine speed, rev./min.	540ECO/1000
<b>HYDRAULIC LIFT SYSTEM</b>	
Functions	EHR
Pump capacity, l/min	120
Nominal pressure, MPa	18
Lift capacity, kg	10 000
External hydraulics spool valves	8 quick - couplings
<b>THREE-POINT LINKAGE SYSTEM</b>	
<b>STEERING SYSTEM</b>	
<b>BRAKING SYSTEM</b>	
Service brake	oil immersed, disc type, hydraulically actuated, front and rear
Parking brake	mechanical, hand actuated
<b>WHEELS AND TREADS</b>	
Front/rear wheels	600/70 R30; 710/70 R38
Front/rear treads, mm	2260/2199
<b>HITCHES [std.]</b>	transport hitch and Piton-fix
<b>CABIN</b>	
Basic equipment	6-post
<b>DIMENSIONS</b>	
Length / width / height/, mm	5600/2890/3150
Wheelbase, mm	3150
Ground clearance, mm	450
Weight without ballast weights, kg	8500
<b>STANDARD EQUIPMENT</b>	front weights -1500 kg, front 3-point linkage system, front, rear worklamps
<b>OPTIONS</b>	trailer air braking system [1single- and double-line] additional 2 quick - couplings, beacon light, AC





# HYDROGEN TRACTOR

Bearing in mind the global problem of air pollution and analyzing the market demand for solutions limiting the emission of harmful substances, our company has developed a range of zero-emission buses and an innovative electric delivery vehicle. **We have started work on a tractor with hydrogen cells.**



## URSUS FRONT LOADERS

- easy loading and unloading of various materials
- fast and easy exchange of tools
- very useful in farm works
- easy coupling and uncoupling of the loader
- self-fastening tools



technical data		/ TUR4M / TUR4F / TUR4 / TUR6 / TUR6A				
Nominal loading capacity, kg		500	1000	1200	1650	1650
Maximum loading capacity, kg		1000	1300	1500	2150	2150
Lift height at pivot frame [H]		3,0	3,6	3,6	3,6	3,9
Lifting height, [A] m		2,7	3,3	3,3	3,3	3,6
Height of unloading, [B] m		2,1	2,8	2,8	2,8	3,1
Digging depth, [C] cm		0,16	0,16	0,16	0,16	0,16
Crowd, [D]°		50	54	54	54	54
Dump, [E]°		44	54	54	54	54
Crowd, [F]°		45	49	49	49	49
Dump, [G]°		95	110	110	110	110
Suitable tractor horsepower, HP		35-60	35-60	45-85	70-160	70-160

**In-line oil supply**  
The possibility of connecting the oil supply directly to the main oil gallery in newtypes of tractors provides the following advantages:

- increased comfort through faster and smoother movements of the loader,
- longer life of the oil pump,
- use of quick- couplings of external hydraulics for other applications without disconnecting the oil supply to the loader's control valve.

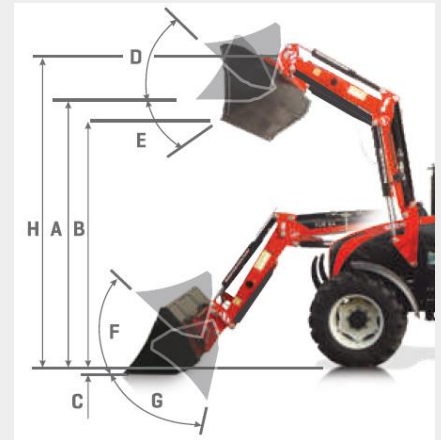
**Selflubricating sleeves**  
Movable loader connections are made with the use of zinc-coated pins and selflubricating sleeves.

### Floating function of control valves

Control valves used in TUR loaders have, as a standard the "FLOATING" function which is extremely useful while working in a contact with the ground (gathering up with the bucket, snow plough operation, etc.). On an uneven ground the "floating" function protects the loader's tools from damage.

### Control valves with the sensor line

Tractors which have piston pumps with the variable oil delivery (CCLS system) are fitted with control valves equipped with the sensor line especially adapted to the tractor's hydraulics. If the sensor line signalizes the demand for oil, then the pump supplies oil equivalently to the needs of the loader. The innovative solution has two advantages: it allows to use quick- couplings of external hydraulics for other applications and significantly reduces the energy needed to drive the hydraulic pump [fuel].





## ROUND BALER

### URSUS Z-543/A ROUND BALER

- proven and simple design
- high efficiency and degree of compaction
- net wrapping mechanism as standard
- failure-free operation in the harsh conditions



Dimensions:		
length x width x height, mm	3900/2450/2100	3730 x 2460 x 2515
Weight, kg	2090	2850
Transport speed, km/h	20	
Bale dimensions, mm	1200 x 1200	
Weight of straw bale, kg	100 - 170	
Weight of hay bale, kg	150 - 270	
Weight of green fodder bale, kg	300 - 1000	
Output: num. of bales per hour.	20 - 35	20 - 45
PTO speed, rpm	540	
Min. tractor horsepower, kW/HP	35 / 48	70 / 96
Wheel track, mm	2100	
Tire size	400/60 15,5 14PR	
Load on tractor hitch, kN/kg	3,7 [380]	4,7 [470]
Pick-up working width, mm	1900	2160
Options	single / double string wrapping mechanism, central chain lubrication system,	tyre: 500-50-R17
	jointed telescopic shaft	

### Chainslats round baler for straw materials and green fodder

The Z-543/A round balers are intended for baling straw material (up to 25% moisture) from 1900 mm wide windrows and dry off green fodder (up to 40-60% moisture) intended for hay silage. The material is rolled into bales of 1200 mm diameter.

Bales made by Z-543/A baler are bound with string or with a net. Z-543/A balers can be equipped with acoustic and light indicators signaling filling up of a chamber.

The round balers are fully suited for road transport.

## URSUS B-9, B-11, B-15, B-18, B-21 PLATFORMS

- capacity: about 40 square or 34 round bales
- double-line air braking installation with automatic regulation of braking force
- rear bumper made of aluminium
- foldable front and rear wall
- parabolic leaf springs



	B-9	B-11 B-15	B-18 B-21
Load capacity, t	7	14 i 18	21 i 24
Weight, kg	1890	4000	4250
Overall dimensions with folded lades:			
length x width x height, mm	8980 X 2440 x 1900	10160x2420x1999	
Overall dimensions with unfolded lades:			
length x width x height, mm	8980 X 3090 X 1900	12000x2550x3205	
Platform overall dimensions		9890x2550x3205	
Wheel track, mm	1825		
Wheelbase, mm	4455	5366/1150	
Brakes	pneumatic, double-line		
Height of platform above the ground, mm	1060	1184	
Loading area, m	15,3	23,6	
Travelling speed, km/h	25	40	
Tyre size	400/60-15,5 14 PR	500/50 R17	
Min. tractor horsepower, kW/HP	35/48	70/95	
Standard equipment	LED lights		
Options	toolbox, foldable side protections, stakes		
	hydraulic brakes		

**B-9** It has a compact and durable design. Above all, it is intended for transporting straw bales: with the folded side lades – 22 straw bales in two rows, with unfolded side lades – 33 straw bales in three rows – only beyond public roads.

**B-11 to B-21** platforms have a innovative security of front and rear wall. To this end two cables inside the trailer were applied to keep the walls in the position. The highresistant steel floor consists of a one single piece only. The options includ: 45l toolbox, foldable side protections made of aluminum and stakes.



# MANURE SPREADERS

## URSUS MANURE SPREADER

### N-218/A1

### N-265/A



	N-218/A1	N-265/A
Type of axle	rigid tandem	1
Load capacity, t	6	10
Loading capacity with/without extensions , m	7,56/4,68	13,8
Loading area, m	7,8	8,4
Adapter	vertical, four-drum, worm type	vertical, two-drum, worm type
Spreading width, m	5 - 6	8-9
Type of floor conveyor	four-chain with mechanical drive	four-chain with hydraulically drive
Tyre size	11,5/80-15,3	23,1 - R26
Wheel track, mm	1530	2260
Braking system	pneumatic, double-line	pneumatic, double-line
Overall dimensions:		
length x width x height, mm	5850x2310x3000	8129x2850x3000
Internal dimensions of body:		
length x width x height, mm	3890 x 1990 x 600+ extension 400	5600 x 1520 x 1060 + extension 350
Spreader/ adapter weight, kg	2000/410	4150/570
Travel speed, km/h	25	30
Min. tractor horsepower, kW/HP	4 5 / 6 0	81/110
Load on tractor hitch, kN/kg	12 [1230]	27,4 [2680]
Options	hydraulically controlled end gate, horizontal, two-drum, worm-type adapter, hydraulically driven floor conveyor, 1000 mm extension sides [after dismantling the adapter and installing these extensions the machine is converted in volume trailer] hydraulic brakes	tyres 500-50x17, hydraulic brakes

The N-218/A1 spreader is intended to spreading manure, peat and compost. After removing the adapter and installing the rear side it can also be used to transport agricultural produce. It cooperate with tractors equipped with lower transport hitch. Floor conveyor drive of the machine is mechanical and it can also be hydraulic.

The N-218/A1 spreader is fully adapted to the transport on public roads - it has pneumatic braking and lighting system.

The 265/A spreaders are intended for spreading manure, peat and compost. After removing the adapter they can also be used for transport of green forage and agricultural produce. They are designed to be combined with tractor equipped with a lower transport hitch. They have a vertical, two-drum worm type adapter. The floor conveyors drives are hydraulic. The N265/A spreaders are fully adapted to road transport. They are equipped with a pneumatic braking and lighting system. The advantage of the N-265/A spreader in a version with one axle is that it can be driven more easily on marshy areas. It is also more stable on uneven areas owing to large diameter and wide wheels.

# TRAILERS

## URSUS TRAILERS D-610, D-612, D-614 dropside, two-axle

- light reliable design
- suspension- parabolic spring type
- speed of up to 40 km/h
- possibility of coupling additional double-axle trailer
- central opening and closing of sides
- width to fit two europalettes

	D-610	D-612	D-614
Load capacity, t	up to 10	up to 12	up to 14
Min. tractor horsepower, kW/HP	55[75]	65[88]	80[109]
Platform area, m <sup>2</sup>	12,3		
Capacity of the basic load-carryng body, m <sup>3</sup>	6,15 [12,3 with extensions]	7,35 [14,7 with extensions]	7,35 [17,1 with extensions]
Overall dimensions:			
length x width x height, mm	7130/2550/2360+2560	7130/2550/2560+2760	7130/2550/2760+2860
Internal dimensions of the body:			
length x width x height with extensions, mm	5100x2410x500/500	5100 x 2410 x 600/600	5100 x 2410 x 600/800
Platform height over the ground, mm	1330+1530	1330+1530	1330+1430
Wheelbase, mm	1850		
Suspension	parabolic springs		
Tire size	385/65-R22,5 [15R22,5]		
Unloading system	three-sided		
Body type	dropside		
Options	manual rear hitch, hydraulic, pneumatic and electric connections to second trailer, side extensions, balcony, canvas with the frame, spare wheel, wheel chocks, fenders, hydraulic brakes, toolbox, LED lights, rear, side chute, rear hitch automatic, painting to customer order		
Wheels:	425/65-R22,5, 445/50-R22,5	455/40-R22,5	455/40-R22,5
	455/40-R22,5, 500/45-R22,5		
	500/60-R22,5		



The D-610, D-612, D-614 two-axle agricultural trailers are intended for transporting agricultural produce. Sideboards and backside with centrally controlled opening/closing system ensure quick unloading. Adjustable gate in the backside makes it possible to control the flow of loose materials. The 2,4 m width of the loading platform allows them to be successfully used for transporting of euro-pallets. The trailers are provided with the rear hitch and couplings for attaching the second trailer. Upon request, they can be provided with a frame and canvas. The trailers are fully adapted to use on public roads with the speed of 40 km/h. Their solid design guarantees failure-free operation for many years.



# TRAILERS

## TRAILER T-042

- functional design
- light, durable and safe
- excellent traction characteristics of a set
- central opening and closing of sides

## TRAILER T-083/A

- robust design
- tandem suspension system ensuring good traction
- characteristics of a set
- easy maneuvering of the whole set

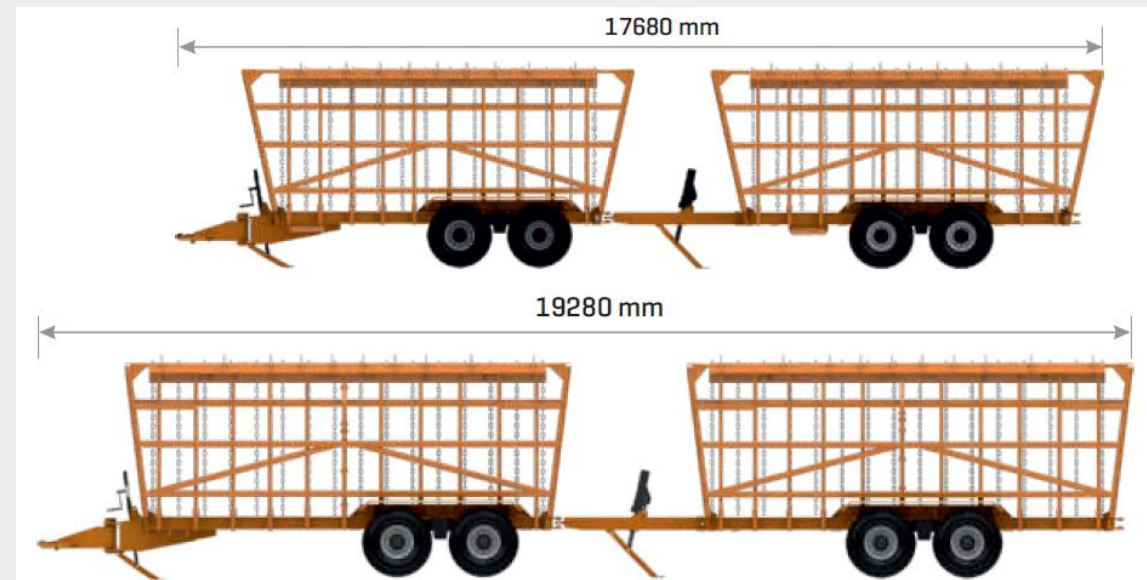
	T-083/A
Load capacity, t	10
Trailer weight, kg	2720
Min. tractor horsepower, kW/HP	70 / 95
Platform area, m	9,90
Capacity of the body, m	10,86
Overall dimensions without extension length x width x height, mm	6015 x 2440 x 1800
Internal dimensions of the load-carrying length x width x height, mm	4510 x 2200 x 1100
Tire size	400/60-15,5 14 PR
Braking system	pneumatic, double-line
Unloading	backwards
Body type	monocoque
Driving speed, km/h	40
Load on tractor hitch, kN[kg]	17,84 [1820]
Options	manual rear hitch, hydraulic, pneumatic and electric connections to second trailer spare wheel, fenders, wheel wedges, hydraulic support, hydraulic brakes, balcony, canvas with the frame painting to customer order, 600mm extension without the homologation

	T-042
Load capacity, t	7
Trailer weight, kg	2170
Min. tractor horsepower, kW/HP	50/68
Platform area, m	7,86
Capacity of the body with ext. sides, m	7,86
Overall dimensions with extension sides: length x width x height, mm	5275 x 2310 x 1520
Internal dim. of the load-carrying body: length x width x height, mm	3705 x 2110 x [500 +500]
Height with extension sides, mm	1000
Tire size	11,5/80-15,3 10 PR
Braking system	pneumatic, double-line
Unloading	three-sided
Driving speed, km/h	40
Load on tractor hitch, kN/kg	1482 [1500]
Option	400/60 x 15,5 14PR tires hydraulic brakes, spare wheel



## SCT12& SCT15 SUGAR CANE TRAILERS IN TANDEM

- robust design
- excellent manoeuvrability of the set due to application of swinging drawbar
- swinging drawbar fitted with ball type hook socket
- rapid discharge of sugar cane by means of spiller bar and chain net system
- smooth interior faces of front and rear boards to ease the unloading
- heavy duty puncture-proof tyres



- Spiller bar and chain net unloading system.
- The trailers can be loaded from both sides, unloading is carried out using the spillerr bar and chain net system.
- The shape of each trailer compartment allows unloading using "Hilo cane" system (to manoeuvre the spiller bar for unloading) or similar machine/system.
- The chains are spaced evenly along trailer length and are secured to the side board by means of shackles to ease assembly and replacement of the chains.





## CONSTRUCTION TRAILERS T-623, T-623/2 monocoque, single-axle

- robust design
- suitable for high point pressures  
(HARDOX 400 metal sheet)
- suspension system ensuring
- excellent traction characteristics of a set

	T-083/A
Load capacity, t	10
Trailer weight, kg	2720
Min. tractor horsepower, kW/HP	70 / 95
Platform area, m	9,90
Capacity of the body, m	10,86
Overall dimensions without extension length x width x height, mm	6015 x 2440 x 1800
Internal dimensions of the load-carrying length x width x height, mm	4510 x 2200 x 1100
Tire size	400/60-15,5 14 PR
Braking system	pneumatic, double-line
Unloading	backwards
Body type	monocoque
Driving speed, km/h	40
Load on tractor hitch, kN[kg]	17,84 [1820]
Options	manual rear hitch, hydraulic, pneumatic and electric connections to second trailer spare wheel, fenders, wheel wedges, hydraulic support, hydraulic brakes, balcony, canvas with the frame painting to customer order, 600mm extension without the homologation

	T-042
Load capacity, t	7
Trailer weight, kg	2170
Min. tractor horsepower, kW/HP	50/68
Platform area, m	7,86
Capacity of the body with ext. sides, m	7,86
Overall dimensions with extension sides: length x width x height, mm	5275 x 2310 x 1520
Internal dim. of the load-carrying body: length x width x height, mm	3705 x 2110 x [500 +500]
Height with extension sides, mm	1000
Tire size	11,5/80-15,3 10 PR
Braking system	pneumatic, double-line
Unloading	three-sided
Driving speed, km/h	40
Load on tractor hitch, kN/kg	1482 [1500]
Option	400/60 x 15,5 14PR tires hydraulic brakes, spare wheel



# DISTRIBUTION NETWORK



# URSUS

*Dystrybucja*

We have our own **sales and service** network in Poland. This allows you to save the retail margin in the company.





# URSUS Distribution



# URSUS

*Dystrybucja*

## Bielsk Podlaski

Brańska 114, 17-100 Bielsk Podlaski



## Łomża

Poznańska 121, 18-400 Łomża



## Oborniki

Zerniki 15B, 64-600 Zerniki



## Kielce

Salonowa 1, 26-052 Zagrody



## Koszalin

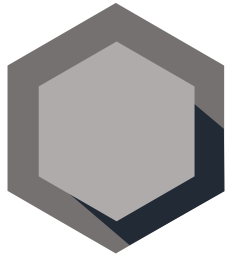
Szczecińska 56, 75-137 Koszalin



## SERVICE







# Ursus factory in Dobre Miasto



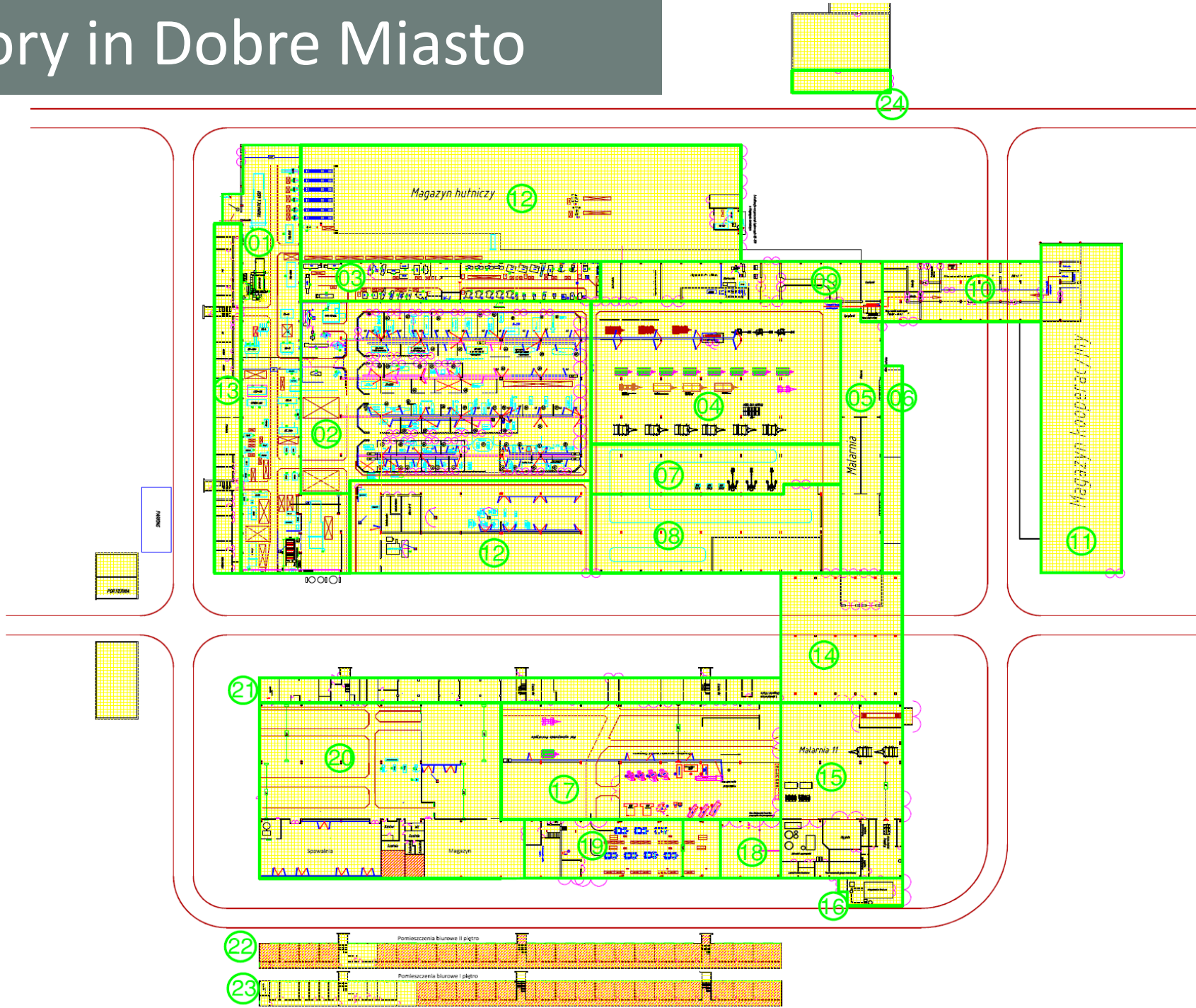




Factory - Dobro Miasto location



# Ursus factory in Dobre Miasto





Production at the factory in Dobre Miasto also means spatial structures.  
We produce specialized containers and container frames.



Sugar  
container



Special waste  
container



# Intermodal container for sugar in bulk

- **34,8 m<sup>3</sup>** capacity
  - High mobility
  - **Perfect tightness**
- Meets requirements for CSC certification
  - Stainless steel floor
  - Pneumatic control of discharge valve
- A solution dedicated to **intermodal transport**
- Container manufacturing plant meeting the **ISO: 9001 : 2015** standard





# Selected products



# Selected products







# URSUS factory in Lublin







Ursus Factory - Lublin location

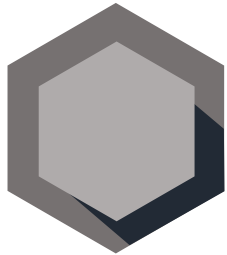




# Ursus factory in Lublin



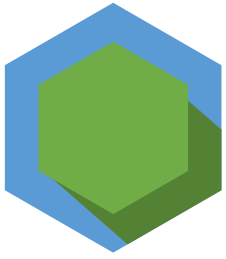




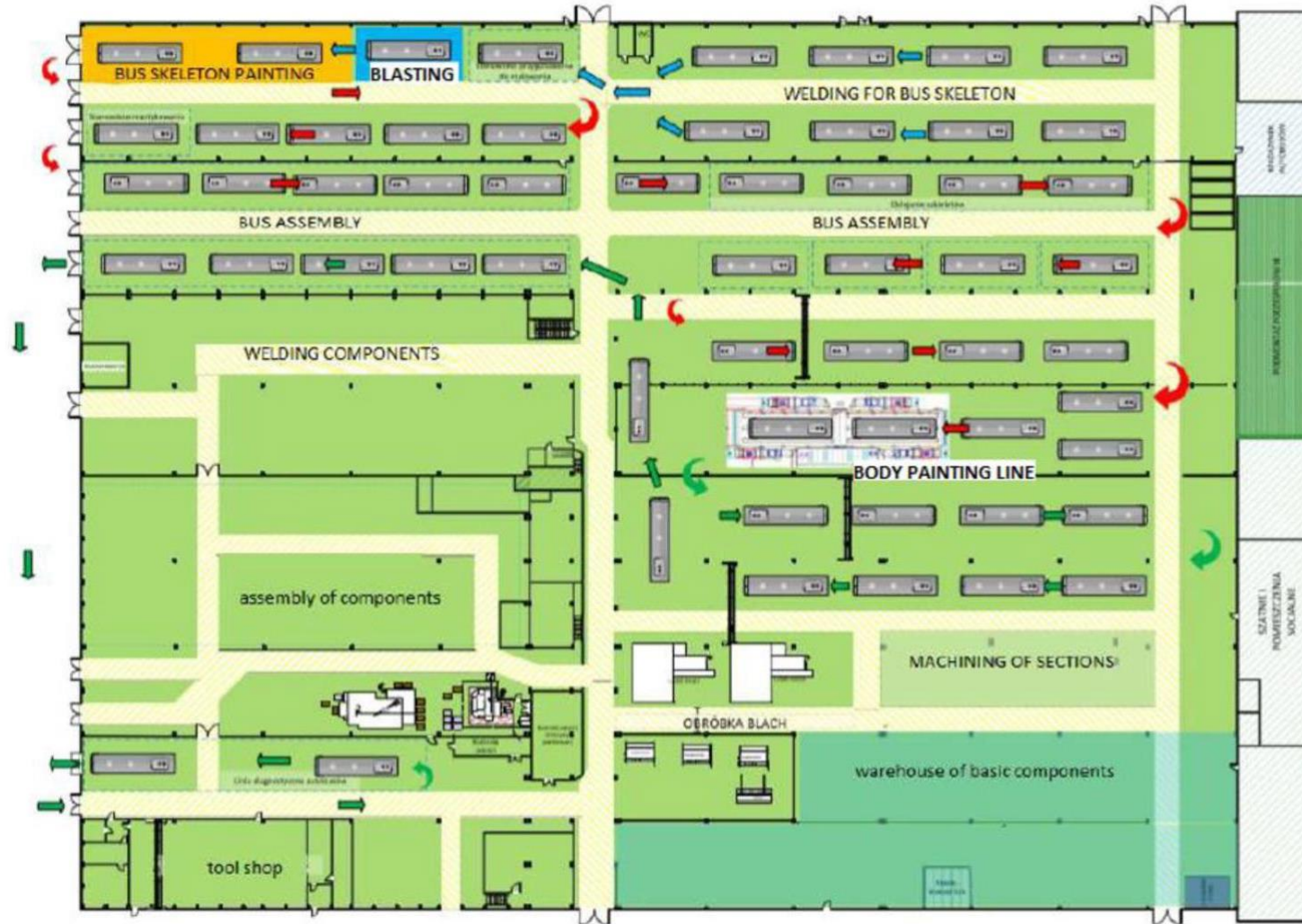
# Ursus factory in Lublin





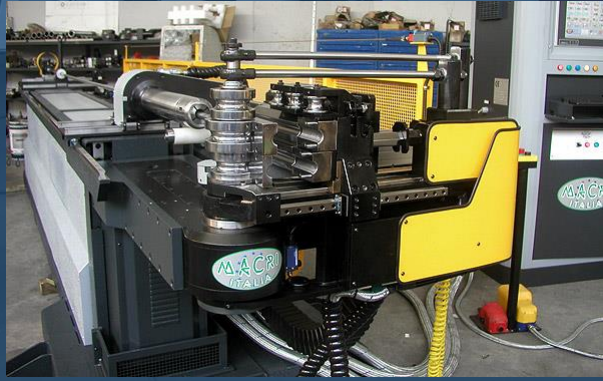


# Production technology





# 1. Metal profiles & sheets shaping and cutting



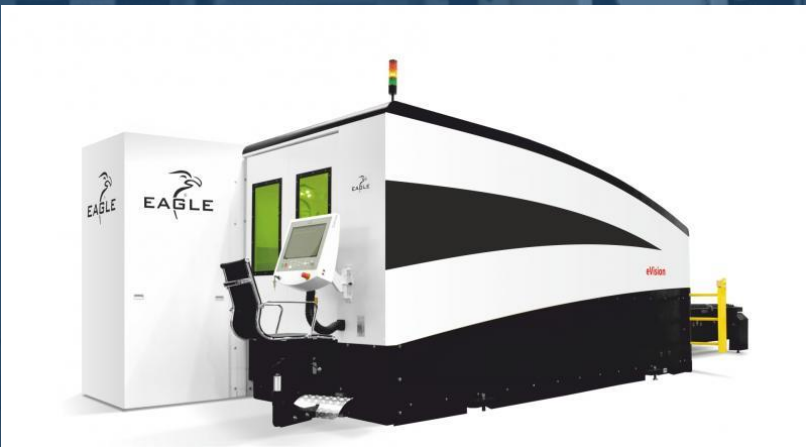
Bending press Vimercati PHSY 250x4175

Bank saw MEP  
SawsShark  
332 NC 5.0

Bending machine DELTA 80  
CNC

Lathe CNC TAE 45N





Cutting laser Eagle eVision 1530 3.3kW





## 2. Welding of complete frames, kits and other components



Welding on tables using methods:  
MIG, MAG, TIG



Complete frames welding in main  
device „Heling”







**THANK YOU FOR YOUR ATTENTION**

