#### Адкрытае акцыянернае таварыства «БАБРУЙСКІ ЗАВОД ТРАКТАРНЫХ ДЭТАЛЯЎ І АГРЭГАТАЎ» (ААТ «БЗТДІА»)

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# Открытое акционерное общество «БОБРУЙСКИЙ ЗАВОД ТРАКТОРНЫХ ДЕТАЛЕЙ И АГРЕГАТОВ» (ОАО «БЗТДиА»)

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OJSC "Bobruisk Plant of Tractor Parts and Units", Republic of Belarus, 213805, Mogilev region, Bobruisk city, Bakharova street, 225, phone/fax +375 225 474742, e-mail: tdatractor@gmail.com

# Commercial offer OJSC "Bobruisk Plant of Tractor Parts and Units"

OJSC "Bobruisk plant of tractor parts and units" ("BZTDiA"), as a part of the "Minsk Tractor Works" (MTZ) holding, offers partnership for companies working on the world market of agricultural machinery.

#### Shortly about us

Compact-sized tractors "BELARUS", manufactured by OJSC "BZTDiA", and municipal machines based on them are designed for performing various agricultural and municipal works in servicing greenhouses, poultry and cattle-breeding farms, private farms, homesteads and urban facilities. OJSC "BZTDiA" started serial tractor production in January, 2007. First shipment was carried in April, 2007. Since that time more than 10 000 tractors were released and delivered in more than 50 countries throughout the world.

Our main occupation is production of compact-sized tractors "BELARUS" (30-62 h.p.).

In addition we offer:

- spare parts for the whole scale of self-produced and MTZ-branded tractors
- wide assortment of wheels for agricultural machinery
- trailed and hinged agricultural equipment (it's also possible to attach implements of various manufacturers to our tractors)

Goods are shipped under FEACN codes:

8701902000 – for tractors

8700000000 – for spare parts

8716000000 – for implements

Basic technical specifications of our products are represented in the attached documents. Full information is available on our website <a href="http://www.bztda.com/en/">http://www.bztda.com/en/</a>.

#### The unique combination of reliability and reasonable prices is proved by:

- 1) The technical terms of OJSC "BZTDiA";
- 2) Design documentation of "MTZ" holding including quality certificates and technical passports;
- 3) European certification (homologation) based on CE standard conformity;
- 4) Euro-3A engine standards;
- 5) Plant's quality management system corresponding to the international quality management system ISO 9001 and confirmed by the appropriate certificate.

#### The requirements of STB



High-performance automatic and semi automatic production lines and special multihead machines provide large-scale production of high quality parts that meet the requirements of STB ISO 9001-2009.

The Works is an award winner, with Nike-2000 and Golden Standard-2002 prizes captured under the Partnership for Progress International Program. The quality of products was praised quite a few times as they obtained diplomas from Russian and international exhibitions, golden medals in the nominations "For the High Quality of Products" and "Best Products for the Agricultural Sector".

### **Conformity certificate**

This Certificate has been issued to the OJSC "Bobruisk Plant of Tractor Spare-Parts and Units" and certifies that the quality management system for production of BELARUS tractors of drawbar category 0.6 and 0.9, designing and manufacturing of harvesting and loading machines on a base of BELARUS tractors, trailers, towing implements and rigs for BELARUS tractors, components and assemblies for mobile techniques conforms to the requirements of STB ISO 9001-2009.



Technical and service maintenance commitments during warranty and after-warranty period are assigned to buyer. Our company provides spare parts, service specialists and refunding of the labor costs for defects removal and transporting costs according to standards. Questions about engine maintenance may be solved by the actual manufacturers: "LOMBARDINI" (Italy), "Laidong Engines Co. Ltd." (China) and "Minsk Motor Plant" (Belarus) companies, which have service networks in more than 90 countries around the world.

The company practices direct sales, participation in tenders through the dealers and trade agencies. Delivery is mostly carried on FCA Bobruisk conditions (INCOTERMS 2010) and the terms of 100% price prepayment. The letter-of-credit form of payment is also possible. OJSC "BZTDA" has its own vehicle park to make the delivery faster and less expensive.

Delivery is performed within 30 working days from the date of prepay receipt. The Terms can be changed depending on the batch-size of the products.

Our plant has established own product distribution network in European countries, including the joint venture of machines assembling and sales "Belarus Traktor Slovakia" (Slovakia, Shamorin) and cooperative production with "ZUB Dzeirana" company (Lithuania).

Prices, catalogues and other information are attached to this letter.

We hope for successful development of our international business relations.

OJSC "BZTDiA" deputy director in commercial issues

V.V. Kisel

Ph./fax: +375 225 474742 (Alexei Gaishun, sales specialist)

website: <a href="http://www.bztda.com/en">http://www.bztda.com/en</a> e-mail: <a href="mailto:tdatractor@gmail.com">tdatractor@gmail.com</a>

Our products

All prices are calculated on FCA Bobruisk conditions and 100% prepay (advance payment) for basic tractor configuration.

РНОТО	NAME OF TECHNICS	RETAIL PRICE (USD)	DEALERS' PRICE (USD)	OPTIONS' PRICE (USD)
	BELARUS-311 without cabin (Laidong engine, 29.9 hp, 4WD)	7600	6950	, ,
	BELARUS-311 without cabin (Laidong engine, 29.9 hp, 2WD)	7200	6500	Front weights - 260 \$. Drawbar -190 \$ (with vertical adjustment - 230\$) Front hitch + PTO - 935 \$.
	BELARUS-311 without cabin (Minsk Motor Plant engine, 35 hp, 4WD)	8400	7650	Crossbar - 60 \$. Towing fork - 10\$. Wheels 210/80R16 and 11.20-20 - 70\$. Plastic roof - 300 \$.
	BELARUS-311 without cabin (Minsk Motor Plant engine, 35 hp, 2WD)	7950	7200	- Fiasiic 1001 - 300 φ.
1	BELARUS-321 without cabin - Minsk Motor Plant engine - 35 hp - 4WD	9400	8500	Front weights - 260\$. Drawbar -190 \$. (with vertical adjustment - 230 \$) - Front hitch + PTO - 935 \$.
	BELARUS-321 without cabin - Lombardini engine - 36 hp - 4WD	10100 (7650 EUR)	<b>9200</b> (6950 EUR)	Signal beacon - 40 \$. Crossbar - 60 \$. Towing fork - 10 \$. Wheels 210/80R16 and 11.20-20 - 70\$.
3204	BELARUS-320.4 - Lombardini engine - 36 hp - 4WD	11200 (8500 EUR)	10200 (7700 EUR)	Pneumatic system - 355 \$. Front weights - 260 \$. Rear weights - 215\$. Drawbar - 190 \$ (with vertical adjustment - 230 \$).
	BELARUS-320.4M - Minsk Motor Plant engine - 35 hp - 4WD	10500	9500	Front hitch + PTO - 935 \$.  Signal beacon - 40 \$.  Crossbar - 60 \$.  Towing fork - 10 \$.  Wheels 210/80R16 and  11.20-20 - 70 \$.
	BELARUS-320.5 - Lombardini engine - 36 hp - 4WD - panoramic cabin	<b>13400</b> (10150 EUR)	<b>12150</b> (9200 EUR)	Pneumatic system - 430 \$. Front weights - 260 \$. Rear weights - 215 \$. Drawbar - 190 \$ (with vertical adjustment- 230 \$). Front hitch + PTO - 895 \$. Signal beacon - 45 \$. Crossbar - 60 \$. Towing fork - 10 \$.

BELARUS-421 (aka BELARUS-422.1K) - Lombardini engine, 49.8 hp - 4WD - cabin excluded  BELARUS-421 (aka BELARUS-410) - Lombardini engine, 49.8 hp - 2WD	15350 (11600 EUR) 14250 (10800 EUR)	13950 (10550 EUR) 12950 (9800 EUR)	Front weights - 260 \$. Rear weights - 320\$. Drawbar - 190 \$ (with vertical adjustment - 230 \$). Front hitch + PTO - 965 \$. Crossbar - 60 \$. Towing fork - 10 \$. Plastic roof - 300 \$.
- cabin excluded			
BELARUS-422.1 with cabin - Lombardini engine - 49.8 hp - 4WD	<b>15600</b> (11800 EUR)	<b>14150</b> (10750 EUR)	Pneumatic system - 370 \$. Front weights - 260 \$. Rear weights - 320 \$. Drawbar -190 \$ (with vertical adjustment - 230 \$). Front hitch + PTO - 880 \$. Signal beacon - 40 \$. Crossbar - 60\$. Towing fork - 10 \$.
BELARUS 422 - Lombardini engine - 49.8 hp - 4WD - panoramic cabin	<b>17300</b> (13100 EUR)	<b>15700</b> (11900 EUR)	Pneumatic system - 425 \$. Front weights - 260 Euro. Rear weights - 320 \$. Drawbar -190 \$ (with vertical adjustment - 230\$). Front hitch + PTO - 950 \$. Signal beacon - 45 \$. Crossbar - 60 \$. Towing fork - 10 \$.
BELARUS 622 - Lombardini engine - 62.5 hp - 4WD - panoramic cabin	<b>19100</b> (14400 EUR)	<b>17350</b> (13150 EUR)	Pneumatic system - 425 \$. Front weights - 450 \$. Rear weights - 320 \$. Drawbar (horizontal adjustment) - 415\$. Drawbar (lift type) - 390\$. Hydraulic hook - 395\$. Front hitch + PTO - 950 \$. Signal beacon - 45 \$. Crossbar - 195 \$.
SEMITRAILER PMT-330	35	500	

### Available Options (NEW)

Pneumatic system (BELARUS-320.4/ 320.5/422/422.1/622



#### Towing fork



Front/rear loads up to 360 Kg



Trailing device



Front/rear hitch with power take-off shaft



Loading equipment



Light beacon



Brush



Awning (BELARUS-311/321/421)



10. Wheels: - rear 11.20-20

(BELARUS-311/320.4/321)

- front 210/80R16 (BELARUS-311-4x4/320.4/321)

- lawn tyres (BELARUS-311-4x4/320.4/321)



Crossbar



Municipal machinery

**BELARUS-MU** series



**BELARUS-MP** series



**BELARUS-MPU** series



## Attachable Implements

Our company also offers the following assortment of <u>optionally attachable</u> <u>implements</u> for almost all kinds of agricultural work.

Hinged equipment for housing municipal services
Semi trailer ПМТ-330
Trailer dumping ΠCT-3,5
Spreader of sand/solid fertilizers Л-116-01
Sand trailer spreader Л-415
Mower KPC-1,4
Harvester-shredder KPC-1.7
Mower KPC -2
Mowing machine KC-Φ-1,6
Hinged loading equipment OΠ300
320-20.00.00.00 brush equipment
320-10.00.00.00 buldoser equipment
OΠ-300.12.00.000 replaceable buldoser dump
OΠ-300.11.00.000 replaceable loading pitchfork
Bulldoser equipment 5-18
Self-contained park vacuum cleaner ΠΠΑ-320
Lift-type park vacuum cleaner ΠΠΗ-330
Excavator equipment 3TM-320.01.00.00
Snowthrowing CT-1500
Hinged equipment for agro-industrial complex
Mounted Cultivator-ridger KOH-1,4
Hinged cultivator KHC-1,7
Chisel hiller OY-1,4
Hinged potato-planting machine,2-line, automatic, Π-201
Hinged potato digger 1-line KTH-1B
Semi mounted potato digger 1-line barrel-roller Л-651
Hinged disc harrow БДН 1,6 disk Ø 510
Hinged disc harrow БДН 1,8 disk Ø 510
Mounted chain link harrow 5C-4
Garden carriage for container transportation TTK-3
Garden cart TC-3-1000
Mounted two furrow plough Л-101
Mounted two furrow plough T-101
Hinged bar sprayer ZUBR HШ04.21.21
Hinged sprayer ZUBR HШ04.21G/DS-2
Hinged ventilatory sprayer ZUBR HB04.32.P1
Hinged ventilatory sprayer ZUBR ΠΒ10.47.Ρ1
Drilling rig 6C -500
Baler ΠΤ-165
Garden rotary cultivator ΦC -1,2
Garden rotary cultivator ΦC -1,4

Prices are formed depending on the presence of the machinery in stock.

Basic technical characteristics of the products

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FEATURES	BELARUS -320.4/320.5	BELARUS - MU320	BELARUS – 320MP	BELARUS - MPU320	BELARUS- 321	BELARUS -422/422.1/421/410	BELARUS -622	BELARUS -311
Dimensions Length, mm	2900	4830	4160	5380	2900	3115/3200/3200/32 00	3450	3050
Width, mm	1550	1800	1500	1800	1550	1570	1700	1300
Height, mm	2150	2320	2300	2300	2150	2245/2220/2220/22 20	2310	2280
Least Turning Radius, mm		· · · · · · · · · · · · · · · · · · ·	3700		3500	3800	3900	3600
Operating Weight, kg	1720	2100	1800	2225	1310	2205/1885/2205/22 05	2410	1450
Engine: type, model		Diesel, f	Diesel, four-stroke, LDW1603/B3	1603/B3		Diesel, four-stroke , Lombardini LDW 2204 (Tier 3A)	Diesel, four- stroke , Lombardini LDW 2204T (Tier 3A)	Diesel, four- stroke Laidong 3T30
Power, KW (h.p.)			26,5(36)			36.6 (49.8)	46(62,5)	22(29,9)
Number of Cylinders, pc			3			4	4	3
Aggregate Capacity of Cylinders			1,649			2.068	2.068	1.617
Fuel Tank Capacity, I			32			64	64	26
Clutch Coupling				Dry, sing	Dry, single-disk, friction-type	type		
Gearbox		Mechanical,	step-by-step,	constant-mesh		Mechanical	ıl, easy engaged clutch	clutch
Number of Gears			Forward 16	16 (4-speed), backward 8 (2-speed)	kward 8 (2-spe	(pe		Forward 8, backward 4
Rear Power Take-Off Shaft	f Shaft							
Dependent 1, rpm				540				640
Dependent 1, rpm				1000				7
Speed, Km/H forward			1,0-25,0			1,0-31,7	1,2-36,6	3,1-25,2
backward			1,8-13,3			2,1-15,4	2,1-19,5	5,5-13,3