COMMERCIAL OFFER
for the supply of the machinery
produced by "GOMSELMASH"

Today holding "GOMSELMASH" is one of the largest manufacturers of the agricultural machinery in the world. "GOMSELMASH" produces a range of different types of agricultural machinery and implements under the brand "PALESSE" in accordance to modern agricultural technologies.

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The prices are presented in FCA Gomel terms, and may be updated at the moment of signing of sales contract of the machinery.

Self-propelled grain-harvesting combine KZS-5 “PALESSE GS05”

The combine harvester KZS-5 is intended for direct and windrow harvesting of cereals, it can also be used for harvesting of leguminous and rape on plain fields with slope level up to 8º using special equipment.

The harvester GS-5 provides cutting, threshing, separation, cleaning of grain, collecting of grain in the bunker and its unloading, and it also provides harvesting of non-cereal part of crops with laying of straw into swath.

The combine harvester works in all soil-climatic zones, except mountainous regions.

The harvester PALESSE GS5 has classical design: one threshing drum, a bitter and straw-shaker.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		Diesel MMZ D-260.9
Nominal engine power	kW (HP)	132 (179,5)
Fuel tank volume	l	300
Threshing drum width	mm	1200
Threshing drum diameter	mm	800
Straw shaker type		4 keys
Separation area, not less than	m^2	4,92
Total sieve area, not less than	m^2	3,86
Total separation area of concave, not less than	m^2	1,37
Grain bunker volume, not less than	m^3	4,5
Header capturing width	m	4,0; 5,0
Throughoutput on grain mass, not less than	kg/sec	5,0-6,0
Productivity on grain harvesting in 1 hour, not less than	ton/hour	7,2

Self-propelled grain harvesting combine KZS-812 “PALESSE GS812”

The combine harvester PALESSE GS812 is intended for direct and windrow harvesting, it can also be used for harvesting of maize, sunflowers, leguminous and rape using special equipment.

PALESSE GS812 harvests non-cereal part of crops due to the following technological schemes:

- straw crushing and throwing across the field;
- straw laying into swath.

The combine harvester is serially equipped with grain header with 6 m capturing width with trolley. The following equipment can be delivered as options:

- grain headers with 5 m and 7 m capturing width;
- grain pick-up PZ-3,4 with 3,4 m capturing width;
- equipment for rape harvesting PR-5 with 5 m capturing width, PR-6 with 6 m capturing width, PR-7 with 7 m capturing width;
- equipment set with 6-row header for maize harvesting KOK-6-3-01;
- modified header for grain and soy harvesting ZhZS-6-1 and ZhZS-7-1 with 6 m and 7 m capturing width respectively;
- equipment for sunflower harvesting PS-8-1 (8 rows).

The combine harvester PALESSE GS812 is certified to conformity requirements of European community with the right to apply CE-mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		YaMZ-236 NE2-47
Nominal engine power	kW (HP)	169 (230)
Fuel tank volume	l	500
Threshing drum width	mm	1200
Threshing drum diameter	mm	800
Straw shaker type		4 keys
Separation area, not less than	m^2	4,92
Total sieve area, not less than	m^2	3,86
Total separation area of concave, not less than	m^2	1,096
Grain bunker volume, not less than	m^3	5,5
Header capturing width	m	6,0
Throughoutput on grain mass, not less than	kg/sec	8,0
Productivity on grain harvesting in 1 hour, not less than	ton/hour	12,0

Self-propelled grain-harvesting combine KZS-10K “PALESSE GS10”

The combine harvester is intended for direct and windrow harvesting and it can also be used for harvesting of maize, sunflowers, leguminous, cereal crops, grass and rape seeds using special equipment.

Combine harvests non-cereal part of crops due to the following technological schemes:

- straw crushing and throwing across the field;
- straw laying into swath.

The combine harvester is serially equipped with header for harvesting of grain crops with 7 m capturing width with trolley. The following equipment can be delivered as options:

- grain headers with 6 m and 9,2 m capturing width;
- grain pick-up PZ-3,4 with 3,4 m capturing width;
- equipment for rape harvesting PR-6 with 6 m capturing width, PR-7 with 7 m capturing width;
- equipment set with 6-row header for maize harvesting KOK-6-1-01;
- modified header for grain and soy harvesting ZhZS-6-1 and ZhZS-7-1 with 6 m and 7 m capturing width respectively;
- equipment for sunflower harvesting PS-8 (8 rows) and PS-12 (12 rows).

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		YaMZ-236BE2
Nominal engine power	kW (HP)	184 (250)
Threshing drum width	mm	1500
Threshing drum diameter:	mm	800
Straw shaker type		5 keys
Separation area, not less than	m^2	6,15
Total sieve area, not less than	m^2	5,0
Total separation area of concave, not less than	m^2	1,37
Grain bunker volume, not less than	m^3	7,0
Header capturing width	m	7,0
Fuel tank volume	l	500
Throughoutput on grain mass, not less than	kg/sec	10,0
Productivity on grain harvesting in 1 hour, not less than	ton/hour	15,0

Self-propelled grain harvesting combine KZS-1218 “PALESSE GS12”

The combine harvester is intended for direct and windrow harvesting and it can also be used for harvesting of of maize, sunflowers, leguminous, cereal crops, grass and rape seeds using special equipment.

Combine harvests non-cereal part of crops due to the following technological schemes:

- straw crushing and throwing across the field;
- straw laying into swath.

The combine harvester is serially equipped with header for harvesting of grain crops with 7 meters capturing width with trolley. The following equipment can be delivered as options:

- grain headers with capturing width 6 and 9,2 meters;
- grain pick-up PZ-3,4 with 3,4 m capturing width;
- equipment for rape harvesting PR-6 with 6 m capturing width, PR-7 with 7 m capturing width;
- equipment set for maize harvesting KOK-6-2-01 with six-row header and KOK-8-2-01 with eight-row header;
- modified header for grain and soy harvesting ZhZS-6-1 and ZhZS-7-1 with 6 and 7 meters working width respectively.
- equipment for sunflower harvesting PS-8-2 (8 rows) and PS-12-1 (12 rows).

The combine harvester PALESSE GS12 is certified to conformity requirements of European community with the right to apply CE-mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		Mercedes Benz OM 926 LA 3B
Nominal engine power	kW (HP)	240 (326)
Threshing drum width	mm	1500
Threshing drum diameter:		
- first	mm	600 (boosting drum)
- second	mm	800 (threshing drum)
Straw shaker type		5 keys
Separation area, not less than	m^2	6,15
Total sieve area, not less than	m^2	5,0
Total separation area of concave, not less than	m^2	2,39
Grain bunker volume, not less than	m^3	8,0
Header capturing width	m	7,0
Throughoutput on grain mass, not less than	kg/sec	12,0
Productivity on grain harvesting in 1 hour, no less	ton/hour	18,0

Self-propelled forage harvester KSK-600 "PALESSE FS60"

KSK-600 "PALESSE FS60" is intended for mowing down maize of any ripeness stage, sunflower and other high-stemmed crops, mowing down grass and picking up slightly dried seeded and natural grass from swaths with simultaneous chopping and loading of the mass into transport trailer.

Five meters width header for grass harvesting, pick-up and rotary header for rough-stemmed crops make effective application of combine in wide yield range of forage crops. KSK-600 is stable in harvesting forage crops in any harvesting conditions.

The combine harvester PALESSE FS60 is certified to conformity requirements of European community with the right to apply CE-mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		
Model		YaMZ-238AK-1
Nominal engine power	kW (HP)	172 (235)
Productivity in 1 hour		
Harvesting of milk-wax ripened maize (humidity 80%, yield not less 45 t/hectare)	t/h	108
Harvesting of wax ripened maize, yield not less 30 t/hectare	t/h	43
Picking-up of slightly dried grass (humidity 55% from swath with density of not less 12 kg/m)	t/h	39
Harvesting of grass (humidity 75%), yield not less 20 t/hectare	t/h	54
Adapters		
Rough-stemmed crops header	m	3
Grass header	m	5
Pick-up	m	3
Feeding unit		
Type		drum
Width	mm	648
Diameter	mm	750
Cutting height		
Rough-stemmed crops header	mm	120 - 300
Grass header		from 60 up to 120
Field copying device		serial
Angle of silage duct rotation	°	270
Quantity of knives	pcs.	12/6/3
Cutting length	mm	4,2-52
Loading height of chopped mass into the transport, not less	m	3,5
Fuel tank volume	l	400

High efficient forage harvesting complex KVK-800 "PALESSE FS80-2"

KVK-800 "PALESSE FS80-2" is intended to mow down maize of any ripeness stage and other high-stemmed crops, to pick up slightly dried seeded and natural grass from swaths with simultaneous chopping and loading of the mass into transport trailer.

The machinery is intended for stable functioning with the high quality of chopping in the most difficult conditions.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		
Model		D-280-1S2
Nominal engine power	kW (HP)	330 (450)
Productivity in 1 hour		
Harvesting of milk-wax ripened maize (humidity 80%, yield not less 45 t/hectare)	t/h	160
Harvesting of wax ripened maize, yield not less 30 t/hectare	t/h	120
Picking-up of slightly dried grass (humidity 55% from swath with density of not less 12 kg/m	t/h	85
Adapters		
Header for rough-steamed crops	m	4,5
Pick-up	m	3,0
Feeding unit		
Width	mm	770
Quantity of rolls	pcs.	4
Chopping unit		
Type		drum-type
Quantity of knives on the drum	pcs.	40
Variants of knives mounting	mm	20; 40
Adjustable height of cutting for rough-steamed crops	mm	120-300
Cutting length	mm	5-26
Regrinding device		
Type		twin rolls, with riffled cylindrical rolls
Roll diameter	mm	196
Grinding rate of wax-ripened maize grain, no less	%	96
Loading height of chopped mass into the transport, not less than	m	4,0
Fuel tank volume	l	550

Forage harvesting complex “K-G-6 PALESSE”

Forage harvesting complex “K-G-6 PALESSE” is intended for harvesting of maize, including wax and full-ripened maize, other high-stemmed crops, also for mowing green and picking-up slightly dried, sowed and natural grass from swaths, chopping and loading into transporter-wagons. Forage harvesting complex “K-G-6 PALESSE” includes universal power vehicle, chopping device, pick-up, header for rough-stemmed crops, grass header with trolley.

“K-G-6 PALESSE” with universal power vehicle UES-2-280-A (4 wheel drive and with the conditioner) provides stable forage harvesting in extreme conditions (on hard soils, in rainy conditions, while harvesting of wax ripened maize in autumn).

“K-G-6 PALESSE” with universal power vehicle UES-280 with one driving axle has a more simple design and has the same productivity as UES-2-280-A. This complex is used on medium and light soils.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Engine		
Model		YaMZ-238BK-3
Nominal engine power	kW (HP)	213 (290)
Productivity per 1 hour		
Harvesting of milk-wax ripened maize (humidity 80%, yield not less 45 t/hectare)	t/h	90
Harvesting of wax ripened maize (maize cobs yield not less 10 t/hectare)	t/h	43
Picking-up of slightly dried grass (humidity 45% from swath with density of not less 6 kg/m)	t/h	50
Harvesting of grass (humidity 75%, yield not less 20 t/hectare)	t/h	43
Adapters		
Header for rough-stemmed crops	m	3,0
Pick-up	m	2,2/3,0
Grass header	m	4,2
Chopping device	type	radial-disc
Cutting height		
Header for rough-stemmed crops	mm	100-140
Grass header	mm	60
Angle of silage duct rotation	°	270
Quantity of knives	pcs.	12/6/3
Cutting length	mm	5-48
Rate of maize grains cracking	%	not less 96
Loading height of chopped mass into the transport, not less	m	4,0

Pull-type forage harvester KDP-3000 “PALESSE FT40”

Pull-type harvester KDP-3000 “PALESSE FT40” is intended for harvesting maize, including wax-ripened and complete ripeness maize, sorgo, sunflower and other tall-stalked crops, mowing green crops, picking-up mass from swaths of prewilted sowed and natural grass with simultaneous crushing and loading into the transporter-wagon.

The harvester “PALESSE FT40” includes pull-type chopper, rotating header for rough-stemmed crops harvesting, grass mower and a pick-up.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Type		Pull-type
Aggregation with tractors		
Drawbar category		2-4
Required power of tractor	kW (HP)	110-185 (150-250)
Harvester output per 1 operation hour with tractors of 120 kW (160 HP)		
harvesting mil-wax ripened maize	t/h	43
harvesting wax-ripened maize	t/h	16
picking-up prewilted grass	t/h	25
grass mowing	t/h	26
Platforms		
Rough-stemmed crops header	m	3,0
Pick-up	m	1,85/2,6
Grass mower	m	3,4
Flywheel chopper		
Maximum quantity of knives / blades on the cutter wheel	pcs	12/12
Knives and blades position		radial
Overall dimensions in transport position		
Length	mm	8 500
Width	mm	4 440
Height	mm	3 650
Weight	kg	6 180

Rotary mounting mower-flattener KPR-9, KPR-9-01 “PALESSE CH90”

KPR-9 “PALESSE CH90” mower is intended for cutting of green seeded and natural grass with simultaneous flattering and laying of mowed mass into three swaths in conditions of temperate zone at flatland with 80 grades, with stones, which overhangs up to 40 mm above the earth surface.

Rotary mounting mower-flattener KPR-9 is intended for integrating with universal power vehicles produced by “GOMSELMASH” (can be purchased separately), KPR-9-01 operates with universal power vehicles produced by “GOMSELMASH” and with tractors.

PALESSE CH90 is certified to conformity requirements of European community with right to apply CE- mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Productivity	hectare/h	10
Completeness of grass stem flattering, not less than	%	80
Total losses, up to	%	2
Swath width, up to	m	1,8
Capturing width	m	8,7
Adjustable cutting height	mm	50; 100
Working speed, up to	km/h	12
Overall dimensions and weight, up to		
Length	mm	3900
Width	mm	9500
Height	mm	1600
Constructional weight	kg	3800

Mounted rotating mower-shredder KIN-F-1500 “PALESSE CH15”

Mounted mower-shredder is intended for harvesting grass, maize and other ensilage crops up to 1,2 m high with chopping and loading into the transporter-wagons.
It operates with 1,4 drawbar category tractors.
Mounted rotating mower-shredder PALESSE CH15 is certified to conformity requirements of European community with right to apply CE- mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Working width	m	1,5
General output per 1 hour	t/h	18
Setting cut height, mm		
Minimal	mm	60
Maximal	mm	350
Unloading height	m	3,6
Overall dimensions with MTZ-82 tractor in transport position		
Length	mm	5 300
Width	mm	2 200
Height	mm	3 500
Weight	kg	900

Pull-type mower-conditioner KPP-4,2 “PALESSE CT42”

Mower-conditioner KPP-4,2 “PALESSE CT42” is intended for mowing of grass with simultaneous squashing of mowed crops and putting them into swath to the stubble. Also it can be used for grass mowing without squashing with gathering of mowed mass into swath. Operates with 1,4 drawbar category tractors.

Mower-conditioner PALESSE CT42 is certified to conformity requirements of European community with right to apply CE-mark.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Type		pull-type
Working width	m	4,2
General output per 1 hour	ha/h	1,0…2,8
Swath width	m	0,8 ... 1,6
Adjusting cutting height	mm	50/80/130
Overall dimensions in transport position		
Length	mm	9 100
Width	mm	3 200
Height	mm	1 760
Weight	kg	3 500

Semi-coupled potato harvesting combine PKK-2-05 “PALESSE PT25”

Semi-coupled potato harvesting combine PKK-2-05 “PALESSE PT25” with a bunker and a sorter desk is intended for harvesting of potato on light and medium-textured soils in moderate climate zones of potato growing, except mountainous, with the field grade limit up to 4˚.

SPECIFICATIONS

Characteristics	Measuring unit	Value
Quantity of the harvester rows	pcs	2
Inter-row spacing width	cm	70-75/90
General output, hectares per hour		
- on the inter-row spacing 70 cm	ha/h	0,84
- on the inter-row spacing 90 cm	ha/h	1,0
Digging under depth as to the top of the ridge, up to	cm	25
Angle of ploughshares installation		adjustable
Quantity of the working places for sorters	pcs	4
Bunker volume	kg	2 500
Unloading height, up to	mm	2 800
Working speed	km/h	2-6
Transport speed	km/h	15
Vibrator of first separating conveyor		active
Overall dimensions in transport position		
Length	mm	10 000
Width	mm	4 000
Height	mm	4 000
Weight	kg	6 800