

BELARUS 1021

Tractors 1021 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

1021

Distinctive features

Front driving axle with planetary-spur wheel gear groups, rear axle with planetary final drives.
Clutch metal-ceramic linings.
Air cleaner at cabin post, metallic facing.

Equipment on order

- Brakes operating in oil bath.
- Two-lever control of gearbox.
- Additional seat.
- Rear wheel ballast weights.
- Creeper.
- Front and rear ballast weights.
- Rear wheel twinning kit.
- Dual-line pneumatic drive of trailer brakes.
- Compressor with valve (without pneumatic system).
- Front ballast weight.

1021.3/1021.4

Distinctive features

Front driving axle with planetary-spur wheel gear groups, rear axle with planetary final drives.
Clutch metal-ceramic linings. Air cleaner, metallic facing.

Equipment on order

- Air conditioner
- Brakes operating in oil bath.
- Two-lever control of gearbox.
- Additional seat.
- Rear wheel ballast weights.
- Rear wheel twinning kit.
- Dual-line pneumatic drive of trailer brakes.
- Creeper.
- Compressor with valve (without pneumatic system).
- Dual-line pneumatic drive for trailer brakes (1021.3).
- Single-line pneumatic drive for trailer brakes (1021.4).

1021.5

Distinctive features

Front driving axle with planetary-spur gear groups, rear axle with planetary final drives.
Clutch metal-ceramic linings.

Equipment on order

- Air conditioner.
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Ballast weights for rear wheels;
- Single-line pneumatic drive for trailer brakes.
- Additional seat.
- Creeper.
- Rear wheel twinning kit.
- Compressor with valve (without pneumatic system).



BELARUS 1021



SPECIFICATIONS

Model		1021	1021.3	1021.4	1021.5
Engine					
Type		B*	C*	D*	E*
Model		D-245	D-245S2	D-245S3A	D-245S3B
Power	kW (h.p.)	77 (105)	81 (110)		
Crankshaft rated speed	rpm	2200			
Number of cylinders	pcs.	4			
Displacement	l	4,75			
Maximum torque	Nm	384	440		
Specific fuel consumption					
at operating power	g/kWh	235			
Factor of torque backup	%	15	25		
Fuel tank capacity	l	135			
Transmission					
Clutch		dry, single-disk			
Gearbox		mechanical, synchromesh			
Number of gears: forward/reverse		14/4			
Travel speed: forward	km/h	2,6-37,5			
reverse		5,5-12,4			
Rear PTO:					
continuous I	rpm	540			
continuous II	rpm	1000			
ground-speed	rev/m of travel	4,3			
PTO control		electrohydraulic			
Hydraulic lift linkage					
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.					
Lifting capacity at suspension point	kg	4200			
Maximum pressure	MPa	20			
Pump performance	l/min	45			
Hydraulic system capacity	l	28			
Dimensions and weight					
Overall length	mm	4105	4525		
Width	mm	2250			
Height to cabin top	mm	2840			
Tractor base	mm	2445			
Track:	mm				
front wheels	mm	1535-2180			
rear wheels	mm	1500-2440			
Agrotechnical clearance	mm	645			
Least turning radius	m	5,9			
Fordable depth	m	0,85			
Operating weight	kg	4675	4870	5280	5385
Tire sizes (standard):					
front wheels		360/70R24			
rear wheels		16,9R38			

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**