

Truck concrete pump Belarus MAZ-630305-242-751







LOAD PARAMETERS:	
Payload carried, kg	23130
Mass of the equipped automobile, kg	
Gross mass of the automobile, kg	9870
Load on a road by the automobile by gross mass, kg:	33000
- through tyres of front axle	7000
- through tyres of rear carriage	26000
Max rise overcome by the automobile by gross mass, % not less	25
ENGINE:	
Model	YAMZ-238DE2T
Diesel, 8 cylinder, V-type, with turbo-supercharging and intercooler.	(Euro-2)
Displacement, l	14,86
Power, kW (hp).	244 (330)
at frequency of rotation, min ⁻¹	2100
Max torque, N·m	1274
- at frequency of rotation, min ⁻¹	1100-1300
Cooling system:	
liquid, closed type with forced circulation of cooling liquid, extension tank and coupling of fan	
disconnecting,	
- capacity, l	47
Lubrication system:	47
mixed with the water-to-oil cooler, filter with the paper element and filter of centrifugal clearing.	22
- capacity, l	32
Fuel system:	
In-line, fuel injection pump, filters of primary and secondary clearing.	250
	350

Fuel tank, l	
CLUTCH:	
Friction, dry, single disk.	MFZ-430
The hydraulic drive with pneumatic booster.	
GEARBOX:	
Mechanical, non synchronisers, with dual high transmission.	9JS135A
Quantity of transfers is 9.	
PTO:	QH50
DRIVING AXLE:	u ₀ = 5,33
Middle and rear, two-stage with the central reducer and wheel cylindrical transmissions of	
planetary type. It has a lock of interwheel and interaxle differentials.	
Maximum speed of automobile, km/h	85
FRONT AXLE:	
Controlled type, beam of I-section axis with rotary cams fixed on needle bearings.	
FRAME:	
From is a stamped parts, a tow fork in the front and rear parts, and bumper of safety.	
FRONT SUSPENSION:	
Dependent, on longitudinal semielliptical springs, with two hydraulic double-side operation	
shock absorbers of telescopic type and stabilizer of cross-sectional stability.	
REAR SUSPENSION:	
Walking-beam type with six torque rods and cross-sectional stability device.	
WHEELS:	8,5-20
Disk, fasten by 10 nuts.	
Quantity:	10
Spare wheel:	1
TYRES:	
Pneumatic, with universal figure of the protector.	
Dimensionality:	12.00R20
Index of payload capacity:	154/149
Index of speed:	J
STEERING GEAR:	
With the hydraulic booster. The control column is regulated on altitude, angle of declination, is	
supplied with anti-thief and trauma protection devices.	
BRAKE SYSTEM:	
Pneumatic, with the separate drive of front and rear wheels.	
WORKING:	
Working brake is foot type, brake mechanism is drum type.	
PARKING:	
Influences on wheels of middle and rear axles from spring power accumulators having the pneumation	ic drive.
-AUXILIARY:	
Throttling type, has a throttle plate installed in the engine exhaust pipeline and controlled by air cy	inder.
ELECTRIC EQUIPMENT SYSTEM:	
Single-wire, direct current with nominal voltage 24V. The negative pole energy of the accur	mulator battery is
connected to the frame. There are 2 batteries by capacity of 190 Amp-hrs.	
Generator: 28V, 80A. Starter: 24V, 5,5κW.	
Head Office: 3-1136 Centre St. Ste. 124 Thornhill, ON, 1413M8 Canada	

CABIN:

All-metal, two-place, two-door, can be pushed forward on angle of 55°.

Equipped with 2 rear-view mirrors, sprung seats of driver, sleeping place.

WIND SCREEN:

Triplex with windshield washer.

- capacity of windshield washer, I

The installing of superstructure (for guarantee saving) is approved by manufacturer's technical departments.

The manufacturer reserves the right to itself to make modifications, which directed on improving of the automobile parameters.