

BELARUS

2022.3/2022B.3

- The tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transportation and handling operations.
- Distinctions:
 - Diesel engine complies with Tier II Stage according to emissions of hazardous substances, reversible control station (2022B.3), and air conditioner, set for rear wheels doubling.
- Optional equipment:
 - Front PTO
 - Front hitch
 - Fast-coupling cutoff clutches
 - 100 liters additional fuel tank
 - Additional seat
 - ±200 kg front ballast



ENGINE

| | |
|--------------------------------------|--|
| Type | diesel with direct injection, turbocharging and aftercooling |
| Model | D-260.4S2 |
| Rated power, kW (hp) | 156 (212) |
| Rated speed, rpm | 2100 |
| Number of cylinders, pcs. | 6 |
| Bore/stroke, mm | 110 x 125 |
| Displacement, l | 7.12 |
| Maximum torque, N•m | 900 |
| Fuel rate at rated power, g/kW•h | 249 |
| Factor of torque backup, % (no less) | 30 |
| Fuel tank capacity, l | 357 |

TRANSMISSION

| | |
|---------------------|---|
| Clutch | dry, double-disk, spring-loaded, control with hydraulic booster |
| Gearbox | mechanical, synchronized, fixed-ratio, 6-range |
| Gear shifting | by synchronized clutches |
| Number of gears: | |
| forward/ reverse | 24/12 |
| Travel speed, km/h: | |
| forward/reverse | 1.86–39.7/2.6–18.4 |
| Rear PTO: | independent, four-speed, with hydromechanical control system |
| independent I, rpm | 540 at 1929 or 1475 rpm. |
| independent II, rpm | 1000 at 1909 or 1460 rpm |

Differential lock: by cam clutch with electrohydraulic control, has 3 operation modes (disengaged; automatic disengagement (when turning) and engagement; forced engaged).

DIMENSIONS AND WEIGHTS

| | |
|--|----------------------|
| Overall length, mm | 5230 |
| Width, mm | 2400 |
| Height, mm | 3120 |
| Wheelbase, mm | 2920 |
| Tread, mm | |
| front wheels | 1640–2190 (8 values) |
| rear wheels | 1800–2500 |
| Road clearance, mm | |
| under rear axle body | 540 |
| Min turning radius (without breaking), m | 5.8 |
| Operating weight, kg | 7220 |
| Tire sizes: | |
| front wheels | 420/70R24 |
| rear wheels | 580/70R42 |

HYDRAULIC HITCH SYSTEM

Unit-principle with “Bosch” electrohydraulic system of automatic depth control, with draft, position and combined control.

| | |
|---|------|
| Lifting capacity at lower link ends, kg | 6500 |
| Maximum pressure, MPa | 20 |
| Pump capacity, l/min | 55 |
| Hydraulic system capacity, l | 35 |