

KIROVETS K-743**Value****Engine**

Engine model	Mercedes-Benz OM470LA, Stage IV TIER 4 Final
Number of Cylinders	6 inline
Engine size, cu in (L)	652 (10,7)
Rated engine power, hp (kW)	435 (324)
Rated Engine Speed, rpm	1700
Fuel Tank capacity, gal (L)	175 (800)
Diesel Exhaust Fluid (DEF) tank capacity, gal (L)	11 (40)

PTO

PTO Horsepower, Basic / Optional Transmission, hp (kW)	340 (250)
PTO Speeds, rpm	1000 std, 540/1000 opt
PTO operational Type	Independent

Electrical System

System Rating, Volts	24/12V
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Transmission Configuration

Manufacturer	Own production
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Transmission Type	Speeds: 16F/8R. Ranges: 4x2 (forward-reverse). 4 power shift speeds in each range.
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Speed, mph (kph)	Max. road speed 22 mph (34 kph) , max. field speed 10.2 mph (16.5 kph)
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Axle description	Main gear with self-locking differential. Final drives are planetary gearboxes
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Suspended Front Axle Available	Standart for front axle
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Frame and Steering

Configuration	Frame Articulated, 4WD
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Hydraulic System

Hydraulic System Type	Closed Center, Load Sensitive (LS)
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Main Hydraulic Pump Type	Double pump std
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Implement Pump Flow, gpm (Lpm)	74 (280)
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Number of Standard Remote Valves	4 free + 1 connected to 3pt hitch
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Standard Pump maximum available flow at single valve, gpm (Lpm)	37 (140)
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3 point hitch and drawbar

3-Point Hitch Category	Category 4
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Standard Lift Capacity at lift pin, lb (kg)	20 000 (9000)
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Drawbar Description	Category 4 std, pin 2 inch (50,8 mm), vertical load capacity 4 000 kg
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Tires

Front Tire Size	710/70 R38 Single (std) or Duals (opt)
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Rear Tire Size	710/70 R38 Single (std) or Duals (opt)
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Dimensions

Max. weight, lb (kg)	40 000 (18 000)
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