



### LGD6G Crawler Bulldozer(Dozer)

|                                      |                      |
|--------------------------------------|----------------------|
| Engine                               |                      |
| Model                                | CAT licensed C6121   |
| Type                                 | water-cooled         |
| Rated power                          | 119kw                |
| Rated speed                          | 1900rpm              |
| Implement Hydraulic System           |                      |
| Hydraulic flow rate                  | 178L/min             |
| Hydraulic pressure                   | 15.5 Mpa             |
| Pump type                            | Gear pump            |
| Control valve                        | Hydraulic operated   |
| Under Carriage System                |                      |
| Sprocket                             | Segmented            |
| Number of track rollers(each side)   | 7(3 single, 4double) |
| Number of carrier rollers(each side) | 2                    |
| Number of front idler(each side)     | 1                    |
| Track type                           | Single grouser       |
| Track tension                        | Hydraulic            |
| Track pitch                          | 203mm                |

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[Wheel Loader](#), [Road Roller](#), [Dump Truck](#)

|  |   |
|--|---|
| Track width                              | 560mm   |
| Number of track shoes (each side)        | 39  |
| Track length of ground                   | 2570mm  |
| Ground clearance                         | 445mm   |
| Main Technical Specifications            |   |
| Operation weight(without ripper)         | 16500kg   |
| Ground pressure (without ripper)         | 0.0552Mpa   |
| Grade ability                            | 58%   |
| Overall dimensions(LxWxH,without ripper) | 5037x3297x3077mm  |
| Max.tractive force                       | 145KN   |
| Working Equipment                        |   |
| Blade type                               | Straight  |
| Width                                    | 3297mm  |
| Height                                   | 1170mm  |
| Max digging depth                        | 592mm   |
| Max.lift above ground                    | 794mm   |
| Tilting angle                            | 10°   |
| Blade Capacity                           | 4.5m3   |
| Transmission System                      |   |
| Torque converter                         | Torque divider combined   |
| Gear box                                 | Planetary power shift   |
| Final drive                              | Spur gear.double reduction splash lubricated  |
| Gear shifts(Forward/Reverse)             | F3/R3   |
| Traveling speed (km/h)                   |   |
| Forward/Reverse I                        | 4.0/4.8   |
| Forward/Reverse II                       | 6.9/8.4   |
| Forward/ReverseIII                       | 10.9/12.9   |
| Steering Clutch And Brake                |   |
| Steering clutch                          | Hydraulically actuated,multiple-disc oil clutches,spring pressed ,hydraulic separated |
| Steering brake                           | Oil-cooled,hydraulic-boosted,two direction contracting band brakes with pedal control |
| Service Capacities                       |   |
| Fuel tank                                | 230L  |
| Water tank                               | 70L   |
| Implement oil tank                       | 110L  |

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