

Mini Excavator Guide



For Earth, For Life
Kubota

Micro Range

> K008-3

Super-compact and highly reliable; the efficient Kubota K008-3, with its enhanced operator protection, is the choice for tough jobs where space is limited.

> U10-3

Ultra-compact with enhanced operator protection; the efficient and easy-to-use Kubota U10-3 with zero tail swing is the mini-excavator you can count on to get the job done.



| Model | | K008-3 | U10-3 |
|-----------------------|---|-----------------------------|--|
| Machine weight | kg | 980 | 1120 |
| Engine | Model | D722-BH-5 | D722-BH-6 |
| | Type | Water cooled, diesel E-TVCS | Water-cooled, diesel engine E-TVCS (Economical, ecological type) |
| | Output PS/rpm kW/rpm | 10.2/2050 7.4/2050 | 10.2/2050 7.4/2050 |
| | No of cylinders | 3 | 3 |
| Overall length | mm | 2750 | 2980 |
| Machine width | mm | 700-860 | 750-990 |
| Hydraulic pumps | Canopy | 2230 | 2230 |
| | P1, P2 | Gear type | Gear type |
| | Flow rate | l/min 10.5 + 10.5 | 10.5 + 10.5 |
| | Hydraulic pressure MPa (kgf/cm ²) | 16.7 (170) | 17.6 (180) |
| | P3 | - | Gear type |
| | Flow rate | l/min - | 3.1 |
| Max. digging force | Arm kN (kgf) | 4.5 (460) | 5.4 (550) |
| | Bucket kN (kgf) | 9.8 (1000) | 10.4 (1060) |
| Max. digging depth | mm | 1720 | 1800 |
| Auxiliary circuit | Max. Flow rate | l/min 21.0 | 21.0 |
| | Hydraulic pressure MPa (kgf/cm ²) | 170 | 180 |
| Hydraulic reservoir | l | 12.5 | 12.5 |
| Fuel tank capacity | l | 12 | 12 |
| Max. Travelling speed | Low | km/h 2.0 | 2.0 |
| | High | km/h 4.0 | 4.0 |

1.5 Tonne Range

> KX015-4 / KX016-4

The KX015-4 and KX016-4 mini excavators deliver a powerful digging force and a wider working range that rival higher end excavators. And with enhanced accessibility to sites such as roadsides or residential areas, these versatile machines get the job done easier and efficiently.



| Model | | KX015-4 | KX016-4 |
|-----------------------|--------------------|---------------------------------------|-------------------------------|
| Machine weight | Cabin/canopy | kg 1470/1420 | 1540/1490 |
| Engine | Model | D782-BH | D782-BH |
| | Type | Water cooled., diesel, E-TVCS | Water cooled., diesel, E-TVCS |
| | Output | PS/rpm 13/2300 | 13/2300 |
| | ISO9249 | kW/rpm 9.6/2300 | 9.6/2300 |
| | No of cylinders | 3 | 3 |
| Overall length | | mm 3710 | 3710 |
| Overall height | Cabin | mm 2350 | 2350 |
| | Canopy | mm 2330 | 2330 |
| Machine width | | mm 990 | 990-1240 |
| Hydraulic pumps | P1, P2 | Variable displacement pump | Variable displacement pump |
| | Flow rate | l/min 16.6 | 16.6 |
| | Hydraulic pressure | MPa (kgf/cm ²) 20.6 (210) | 20.6 (210) |
| | P3 | Gear type | Gear type |
| | Flow rate | l/min 10.4 | 10.4 |
| | Hydraulic pressure | MPa (kgf/cm ²) 20.1 (205) | 20.1 (205) |
| | Arm | kN (kgf) 7.3 (740) | 7.3 (740) |
| | Bucket | kN (kgf) 12.7 (1300) | 12.7 (1300) |
| Max. digging force | | | |
| Max. digging depth | | mm 2250 | 2250 |
| Auxiliary circuit | Max. Flow rate | l/min 27 | 27 |
| | Hydraulic pressure | MPa (kgf/cm ²) 20.6 (210) | 20.6 (210) |
| Hydraulic reservoir | | l 28 | 28 |
| Fuel tank capacity | | l 21 | 21 |
| Max. Travelling speed | Low | km/h 2.1 | 2.1 |
| | High | km/h 3.8 | 3.8 |

1.8 Tonne Range

> U17-3

The advanced U17-3 offers superior versatility and performance to take on almost any task.

> KX018-4 / KX019-4

The KX018-4 / KX019-4 mini excavators raise the standard in the 1.5-2.0 tonne category with a powerful digging force and a wider working range that rival higher-end excavators, offering enhanced accessibility and manoeuvrability.



| Model | | U17-3 | KX018-4 | KX019-4 |
|-----------------------|--------------------|----------------------------|------------------------------|------------------------------|
| Machine weight | Cabin/canopy | kg | 1650 | 1720/1620 |
| Engine | Model | D902 | D902-BH | D902-BH |
| | Type | Water cooled, diesel | Water cooled, diesel, E-TVCS | Water cooled, diesel, E-TVCS |
| | Output | PS/rpm | 16/2300 | 16/2300 |
| | ISO9249 | kW/rpm | 11.8/2300 | 11.8/2300 |
| | No of cylinders | | 3 | 3 |
| Overall length | | mm | 3545 | 3710 |
| Overall height | Cabin | mm | 2340 | 2350 |
| | Canopy | mm | 2330 | 2350 |
| Machine width | | mm | 990-1240 | 990-1300 |
| Hydraulic pumps | P1, P2 | Variable Displacement Pump | Variable Displacement Pump | Variable Displacement Pump |
| | Flow rate | l/min | 17.3 + 17.3 | 17.3 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 21.6 (220) | 21.6 (220) |
| | P3 | Gear type | Gear type | Gear type |
| | Flow rate | l/min | 10.4 | 10.4 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) | 20.6 (210) |
| Max. digging force | Arm | kN (kgf) | 8.5 (865) | 8.3 (840) |
| | Bucket | kN (kgf) | 15.2 (1550) | 15.9 (1620) |
| Max. digging depth | | mm | 2460 | 2380 |
| Auxiliary circuit | Max. Flow rate | l/min | 27.7 | 27.7 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 18.6 | 21.6 (220) |
| Hydraulic reservoir | | l | 21 | 28 |
| Fuel tank capacity | | l | 19 | 21 |
| Max. Travelling speed | Low | km/h | 2.2 | 2.2 |
| | High | km/h | 4.1 | 4.0 |

2-3 Tonne Range

> U20-3a / U27-4

The U20-3a and U27-4 mini excavators are ready for work, offering precision control for restricted working and a host of advanced features that deliver superior performance and efficiency. With high reliability and low operating costs these minis are ideal for a wide range of jobs.



| Model | | U20-3a | U27-4 |
|-----------------------|--------------------|------------------------------|------------------------------|
| Machine weight | Cabin/canopy | kg | 2380/2180 |
| Engine | Model | D1105-E2-BH-12 | D1105-E4BH-2 |
| | Type | Water cooled, diesel, E-TVCS | Water cooled, diesel, E-TVCS |
| | Output | PS/rpm | 21.2/2400 |
| | ISO9249 | kW/rpm | 15.6/2400 |
| Overall length | No of cylinders | 3 | 3 |
| | | mm | 3850 |
| Overall height | Cabin | mm | 2360 |
| | Canopy | mm | 2380 |
| Machine width | | mm | 1300-1500 |
| Hydraulic pumps | P1, P2 | Variable displacement pump | Variable displacement pump |
| | Flow rate | l/min | 23 + 23 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 21.6 (220) |
| | P3 | Gear type | Gear type |
| | Flow rate | l/min | 12.8 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) |
| Max. digging force | Arm | kN (kgf) | 13.2 (1350) |
| | Bucket | kN (kgf) | 18.4 (1880) |
| Max. digging depth | | mm | 2820 |
| Auxiliary circuit | Max. Flow rate | l/min | 35.8 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 21.6 (210) |
| Hydraulic reservoir | | l | 22 |
| Fuel tank capacity | | l | 28 |
| Max. Travelling speed | Low | km/h | 2.2 |
| | High | km/h | 4.2 |

2-3 Tonne Range

> KX61-3 / KX71-3

The KX61-3 and KX71-3 deliver the largest digging depth and reach of all mini-excavators with a long arm in the 2-3 tonne weight category. Even with the long arm, these machines generate the largest power in their class for both arm and bucket digging. Additionally these machines offer impressive lifting power and include a host of robust features for a high performance package.



| Model | | KX61-3 | KX71-3 |
|-----------------------|---|-----------------------------|-----------------------------|
| Machine weight | Cabin/canopy kg | 2600/2495 | 2800/2695 |
| Engine | Model | V1505-E2-BH-9EU | V1505-E2-BH-10EU |
| | Type | Water-cooled, diesel engine | Water-cooled, diesel engine |
| | Output PS/rpm | 24.8/2100 | 27.5/2300 |
| | ISO9249 kW/rpm | 18.2/2100 | 20.5/2300 |
| | No of cylinders | 4 | 4 |
| Overall length | mm | 4310 | 4550 |
| Overall Height | Cabin mm | 2410 | 2410 |
| Machine width | mm | 1400 | 1500 |
| Hydraulic pumps | P1, P2 | Variable displacement pump | Variable displacement pump |
| | Flow rate l/min | 29.4 + 29.4 | 32.2 + 32.2 |
| | Hydraulic pressure MPa (kgf/cm ²) | 22.6 (230) | 23.5 (240) |
| | P3 | Gear type | Gear type |
| | Flow rate l/min | 16.8 | 18.4 |
| | Hydraulic pressure MPa (kgf/cm ²) | 17.2 (175) | 20.6 (210) |
| Max. Digging force | Arm kN (kgf) | 14.7 (1500) | 17.5 (1790) |
| | Bucket kN (kgf) | 21.5 (2190) | 25.2 (2570) |
| Max. digging depth | mm | 2740 | 2870 |
| Auxiliary circuit | Max. Flow rate l/min | 46.2 | 50.6 |
| | Hydraulic pressure MPa (kgf/cm ²) | 17.2 (175) | 20.6 (210) |
| Hydraulic reservoir | l | 34 | 34 |
| Fuel tank capacity | l | 45 | 45 |
| Max. Travelling speed | Low km/h | 2.8 | 2.7 |
| | High km/h | 4.4 | 4.6 |

3.5-5 Tonne Range

> U35-3a3

Kubota's U35-3a3 is the excavator of choice for smooth simultaneous operation, powerful digging force, and superb attachment versatility.

> KX101-3a3

With smooth simultaneous operation, powerful digging force, and outstanding attachment versatility, this excavator brings high performance to a whole new level.



| Model | | U35-3a3 | KX101-3a3 |
|-----------------------|--------------------|----------------------------|------------------------------|
| Machine weight | Cabin/canopy | kg | 3590/3480 |
| Engine | Model | | D1803-M-E3-BH-EU1 |
| | Type | | Water cooled, diesel, E-TVCS |
| | Output | PS/rpm | 31.1/2300 |
| | ISO9249 | kW/rpm | 22.9/2300 |
| Overall length | No of cylinders | | 3 |
| | | mm | 4865 |
| | | mm | 4920 |
| | | mm | 2440 |
| Overall height | Cabin | mm | 2440 |
| | Canopy | mm | 2440 |
| Machine width | | mm | 1700 |
| Hydraulic pumps | P1, P2 | | Variable displacement pump |
| | Flow rate | l/min | 96.6 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 24.5 (250) |
| | P3 | | - |
| | Flow rate | l/min | - |
| | Hydraulic pressure | MPa (kgf/cm ²) | - |
| Max. digging force | Arm | kN (kgf) | 15.9 (1630) |
| | Bucket | kN (kgf) | 31.1 (3180) |
| Max. digging depth | | | 3350 |
| Auxiliary circuit | Max. Flow rate | l/min | 55 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) |
| Hydraulic Reservoir | | l | 36 |
| Fuel tank capacity | | l | 41.5 |
| Max. Travelling speed | Low | km/h | 3.0 |
| | High | km/h | 4.6 |

4-5 Tonne Range

> KX121-3a

The KX121-3a offers class leading performance designed to handle all your professional needs.

> U48-4

Combining the power for demanding jobs and the versatility to work in any condition, the Kubota U48-4 is ready to take on any challenge. This advanced 4.7 tonne machine is designed with excellent stability to work efficiently even where space is confined. With superior digging and lifting power, together with smooth travel performance, this Kubota truly has it all.



| Model | | KX121-3a | U48-4 |
|-----------------------|----------------------------------|------------------------------|----------------------------|
| Machine weight | Cabin/canopy kg | 3980 | 4775 |
| Engine | Model | V2203-M-EBH-2-N | V2607-DI |
| | Type | Water cooled, diesel, E-TVCS | Water cooled, diesel |
| | Output PS/rpm | 40/2250 | 28.8/2200 |
| | ISO9249 kW/rpm | 29.4/2250 | 40.5/2200 |
| | No of cylinders | 4 | 4 |
| Overall length | mm | 5060 | 5330 |
| Overall height | Cabin mm | 2490 | 2550 |
| Machine width | mm | 1700 | 1960 |
| Hydraulic pumps | P1, P2 | Variable displacement pump | Variable displacement pump |
| | Flow rate l/min | 94.5 | 118.8 |
| | Hydraulic pressure MPa (kgf/cm²) | 24.5 (250) | 24.5 (250) |
| | P3 | - | - |
| Max. digging force | Flow rate l/min | - | - |
| | Hydraulic pressure MPa (kgf/cm²) | - | - |
| | Arm kN (kgf) | 20.5 (2095) | 22.0 (2245) |
| | Bucket kN (kgf) | 32.5 (3315) | 33.0 (3360) |
| Max. digging depth | mm | 3510 | 3380 |
| Auxiliary circuit | Max. Flow rate l/min | 60 | 70 (aux1) 37 (aux2) |
| | Hydraulic pressure MPa (kgf/cm²) | 24.5 (250) | 20.6 (210) |
| Hydraulic reservoir | l | 44 | 45 |
| Fuel tank capacity | l | 64 | 68 |
| Max. Travelling speed | Low km/h | 3.0 | 2.8 |
| | High km/h | 5.0 | 4.9 |

5-6 Tonne Range

> U55-4

Highly versatile and extremely powerful, the Kubota U55-4 is ready to take on any challenge and any condition. This advanced 5.4 tonne machine is designed with excellent stability to work efficiently even where space is confined. The U55-4 offers upgraded digging and lifting power together with smooth operation, for efficient and reliable everyday performance.



| Model | | U55-4 | |
|-----------------------|--------------------|----------------------------|--------------------------------|
| Machine weight | Cabin/canopy | kg | 5400 |
| Engine | Model | | V2607-DI |
| | Type | | Water cooled, diesel |
| | Output | PS/rpm | 33.8/2200 |
| | ISO9249 | kW/rpm | 46.0 (2200) |
| | No of cylinders | | 4 |
| Overall length | | mm | 5500 |
| Overall Height | Cabin | mm | 2550 |
| Machine width | | mm | 1960 |
| Hydraulic pumps | P1, P2 | | Variable displacement pump |
| | Flow rate | l/min | 56.1 + 56.1 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 27.4 (280) |
| | P3 | | Gear type |
| | Flow rate | l/min | 37.0 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 19.1 (195) |
| Max. Digging force | Arm | kN (kgf) | 27.2 (2770) |
| | Bucket | kN (kgf) | 42.3 (4315) |
| Max. digging depth | | mm | 3630 |
| Auxiliary circuit | Max. Flow rate | l/min | 75(aux1) / 37(aux2) |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210)aux1 / 19.1(195)aux2 |
| Hydraulic reservoir | | l | 45 |
| Fuel tank capacity | | l | 68 |
| Max. Travelling speed | Low | km/h | 2.8 |
| | High | km/h | 4.9 |

6 Tonne Range

> KX057-4

This powerful and advanced machine is designed with excellent stability to work with a variety of attachments. With enhanced versatility, upgraded digging and lifting power and smoother travel performance the Kubota KX057-4 delivers much more.



| Model | | KX057-4 | |
|-----------------------|--------------------|----------------------------|-----------------------------------|
| Machine weight | Cabin/canopy | kg | 5545 |
| Engine | Model | | V2607-DI |
| | Type | | Water cooled, diesel |
| | Output | PS/rpm | 33.8/2200 |
| | ISO9249 | kW/rpm | 46.0/2200 |
| | No of cylinders | | 4 |
| Overall length | | mm | 5520 |
| Overall Height | Cabin | mm | 2550 |
| Machine width | | mm | 1960 |
| Hydraulic pumps | P1, P2 | | Variable displacement pump |
| | Flow rate | l/min | 56.1 + 56.1 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 27.4 (280) |
| | P3 | | Gear pump |
| | Flow rate | l/min | 37.0 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 19.1 (195) |
| Max. digging force | Arm | kN (kgf) | 24.5 (2500) |
| | Bucket | kN (kgf) | 42.3 (4315) |
| Max. digging depth | | mm | 3890 |
| Auxiliary circuit | Max. Flow rate | l/min | 75 aux1 / 37 aux2 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) aux1 / 19.1 (195) aux2 |
| Hydraulic reservoir | | l | 45 |
| Fuel tank capacity | | l | 75 |
| Max. Travelling speed | Low | km/h | 2.8 |
| | High | km/h | 4.9 |

8 Tonne Range

> KX080-4

KX080-4 delivers all the power you need whilst being one of the environmentally friendly excavators in its class. Advanced features include a direct injection diesel engine with common rail system (CRS), a Diesel Particulate Filter (DPF), muffler and a host of other functions and equipment including ECO PLUS for superior fuel economy and productivity.



| Model | | KX080-4 | | KX080-4 (2-piece boom) |
|-----------------------|--------------------|----------------------------|---|---|
| Machine weight | Cabin/canopy | kg | 8195 | 8700 |
| Engine | Model | | V3307-CR-TE4 | V3307-CR-TE4 |
| | Type | | Water cooled, diesel engine E-CDIS (with CRS and DPF) | Water cooled, diesel engine E-CDIS (with CRS and DPF) |
| | Output | PS/rpm | 65.0/2000 | 65.0/2000 |
| | ISO9249 | kW/rpm | 47.8/2000 | 47.8/2000 |
| | No of cylinders | | 4 | 4 |
| Overall length | | mm | 6450 | 6930 |
| Overall height | Cabin | mm | 2540 | 2540 |
| Machine width | | mm | 2200 | 2200 |
| Hydraulic pumps | P1, P2 | | Variable displacement pump | Variable displacement pump |
| | Flow rate | l/min | 72.0 x 2 | 72.0 x 2 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 27.4 (280) | 27.4 (280) |
| | P3 | | Gear type | Gear type |
| | Flow rate | l/min | 66.6 | 66.6 |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) | 20.6 (210) |
| Max. Digging force | Arm | kN (kgf) | 38.1 (3880) | 38.1 (3880) |
| | Bucket | kN (kgf) | 65.2 (6650) | 65.2 (6650) |
| Max. digging depth | | mm | 4600 | 4590 |
| Auxiliary circuit | Max. Flow rate | l/min | 100 (SP1) / 66.6 (SP2) | 100 (SP1) / 66.6 (SP2) |
| | Hydraulic pressure | MPa (kgf/cm ²) | 20.6 (210) | 20.6 (210) |
| Hydraulic reservoir | | l | 75 | 75 |
| Fuel tank capacity | | l | 115 | 115 |
| Max. Travelling speed | Low | km/h | 2.7 | 2.7 |
| | High | km/h | 4.9 | 4.9 |

For Earth, For Life



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We work hand in hand with our dealership network so that you receive the best advice and aftersales care. Our dealers can help you find the right machine to best meet your needs and with Kubota trained technicians, ensure your machine provides exceptional performance year after year.

Your authorised Kubota dealer is:

Please feel free to contact us for further information on any Kubota products or services.

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