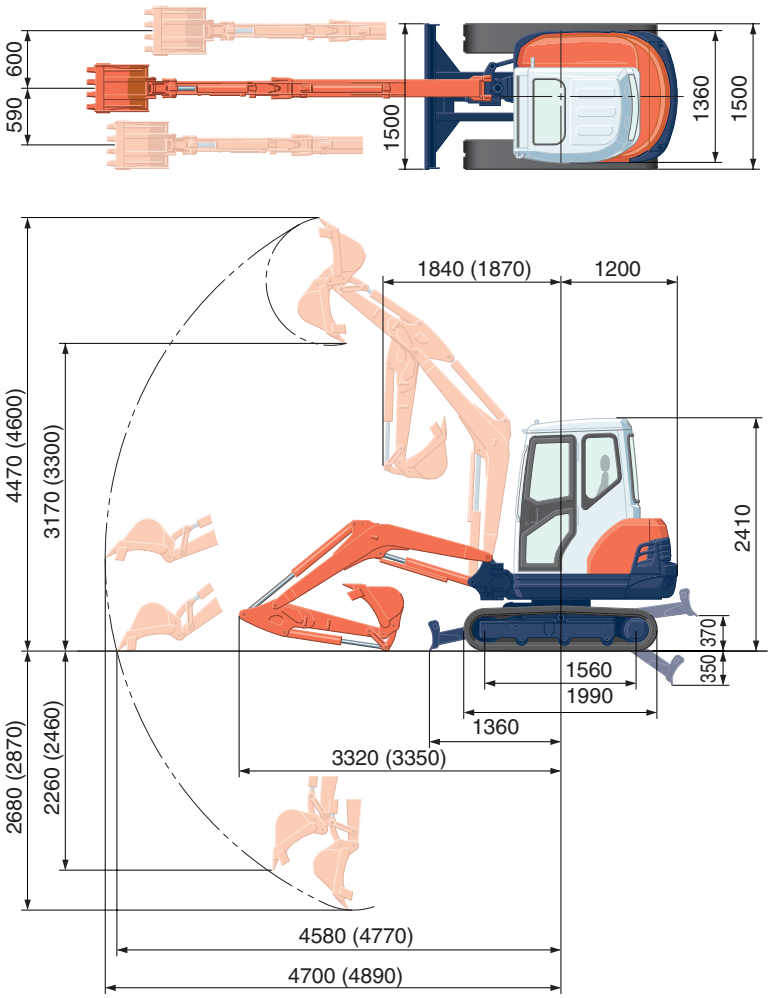
# SPECIFICATIONS

*Rubber shoe type

| | | | |
|---|---|---|---|
| Machine weight | Cabin (Std. arm/Long arm) | kg | 2790/2800 |
| | Canopy (Std. arm/Long arm) | kg | 2685/2695 |
| Bucket capacity, std. SAE/CECE | | $m^3$ | 0.07 |
| Bucket width | with side teeth | mm | 505 |
| | without side teeth | mm | 480 |
| Engine | Model | | V1505-E2-BH-10EU |
| | Type | | Water-cooled, diesel engine |
| | Output ISO9249 | PS/rpm | 27.5/2300 |
| | | kW/rpm | 20.5/2300 |
| | Number of cylinders | | 4 |
| | Bore x stroke | mm | 78 x 78.4 |
| | Displacement | cc | 1498 |
| Overall length (Std. arm/Long arm) | | mm | 4520/4550 |
| Overall height | Cabin | mm | 2410 |
| | Canopy | mm | 2430 |
| Swivelling speed | | rpm | 9.4 |
| Rubber shoe width | | mm | 300 |
| Tumbler distance | | mm | 1560 |
| Dozer size (width x height) | | mm | 1500 x 300 |
| Hydraulic pumps | P1,P2 | | Variable displacement pump |
| | Flow rate | ℓ/min | 32.2+32.2 |
| | Hydraulic pressure | MPa(kgf/cm²) | 23.5 (240) |
| | P3 | | Gear pump |
| | Flow rate | ℓ/min | 18.4 |
| | Hydraulic pressure | MPa(kgf/cm²) | 20.6 (210) |
| Max. digging force | Arm (Std. /Long) | kN (kgf) | 17.5/16.2 (1790/1650) |
| | Bucket | kN (kgf) | 25.2 (2570) |
| Boom swing angle (left/right) | | deg | 80/60 |
| Auxiliary circuit | Flow rate | ℓ/min | 50.6 |
| | Hydraulic pressure | MPa(kgf/cm²) | 20.6 (210) |
| Hydraulic reservoir | | ℓ | 34 |
| Fuel tank capacity | | ℓ | 45 |
| Max. travelling speed | Low | km/h | 2.7 |
| | High | km/h | 4.6 |
| Ground contact pressure | Cabin | kPa(kgf/cm²) | 26.5 (0.270) |
| | Canopy | kPa(kgf/cm²) | 25.0 (0.255) |
| Ground clearance | | mm | 305 |

# WORKING RANGE




( ): Long Arm
Unit: mm

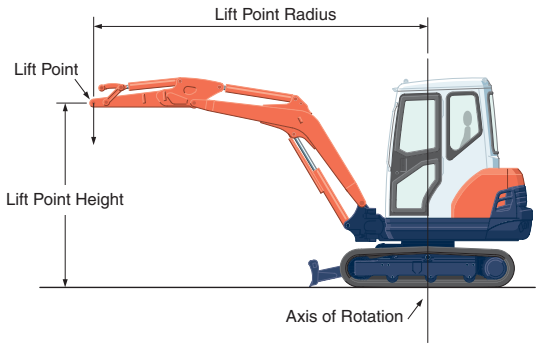
# LIFTING CAPACITY

KX71-3(CAB) with standard arm: kN (ton)

| Lift Point Height | Lifting point radius (2.5m) | | | Lifting point radius (3.5m) | | |
|---|---|---|---|---|---|---|
| | Over-front | | Over-side | Over-front | | Over-side |
| | Blade Down | Blade UP | | Blade Down | Blade UP | |
| 2.0m | 7.20 (0.73) | 7.20 (0.73) | 7.20 (0.73) | 5.89 (0.60) | 5.81 (0.59) | 5.09 (0.52) |
| 1.5m | 8.95 (0.91) | 8.95 (0.91) | 8.15 (0.83) | 6.32 (0.64) | 5.72 (0.58) | 5.00 (0.51) |
| 1.0m | 10.57 (1.08) | 9.18 (0.94) | 7.90 (0.81) | 6.80 (0.69) | 5.62 (0.57) | 4.91 (0.50) |
| 0m | 11.79 (1.20) | 8.88 (0.91) | 7.57 (0.77) | 7.29 (0.74) | 5.49 (0.56) | 4.78 (0.49) |

KX71-3(CAB) with long arm: kN (ton)

| Lift Point Height | Lifting point radius (2.5m) | | | Lifting point radius (3.5m) | | |
|---|---|---|---|---|---|---|
| | Over-front | | Over-side | Over-front | | Over-side |
| | Blade Down | Blade UP | | Blade Down | Blade UP | |
| 2.0m | 6.38 (0.65) | 6.38 (0.65) | 6.38 (0.65) | 5.45 (0.56) | 5.45 (0.56) | 5.10 (0.52) |
| 1.5m | 8.10 (0.83) | 8.10 (0.83) | 8.10 (0.83) | 5.94 (0.61) | 5.72 (0.58) | 5.00 (0.51) |
| 1.0m | 9.86 (1.01) | 9.20 (0.94) | 7.87 (0.80) | 6.48 (0.66) | 5.60 (0.57) | 4.88 (0.50) |
| 0m | 11.64 (1.19) | 8.79 (0.90) | 7.49 (0.76) | 7.18 (0.73) | 5.43 (0.55) | 4.72 (0.48) |




Please note:
* The lifting capacities are based on ISO 10567 and do not exceed 75 % of the static tilt load of the machine or 87 % of the hydraulic lifting capacity of the machine.
* The excavator bucket, hook, sling and other lifting accessories are not included on this table.

* Working ranges are with Kubota standard bucket, without quick coupler.
*Specifications are subject to change without notice for purpose of improvement.