

DOOSAN

Mini Excavators |
DX10Z



Maximum power: 9.9 HP
Operating weight: 1.2 t



Engine

| | |
|--|----------------------------------|
| Make / Model | Kubota / D722-E2B-BCZ-6 (TIER 2) |
| No. of cylinders | 3 |
| Displacement | 0.72 l |
| Max. net power at 2000 RPM (ISO 9249) | 7.4 kW (9.9 HP) |
| Max. net torque at 1600 RPM (ISO 9249) | 4.0 kgf.m (39.1 Nm) |

Weights

| | |
|---|-----------|
| Operating weight with standard bucket, excluding operator | 1176 kg |
| Ground pressure with rubber tracks | 29.70 kPa |

Performance

| | |
|---------------------------------|----------------|
| Bucket digging force (ISO 6015) | 8294 N |
| Arm digging force (ISO 6015) | 5550 N |
| Drawbar pull | 9905 N |
| Travel speed fast / slow | 3.1 / 2.1 km/h |
| Swing speed | 9.0 RPM |

Hydraulic system

| | |
|---------------------------------------|-------------------|
| Pump type | Dual gear pump |
| Pump capacity | 10.00 l/min |
| Auxiliary flow | 20.00 l/min |
| Auxiliary relief | 184.0 - 192.0 bar |
| Relief pressure for implement circuit | 184.0 - 192.0 bar |

Fluid capacities

| | |
|----------------------------|--------|
| Fuel tank | 16 l |
| Hydraulic tank | 10.1 l |
| Cooling system | 3.0 l |
| Engine oil plus oil filter | 3.5 l |

Environmental

| | |
|--|----------|
| A-weighted emission sound pressure level at the operator's position, LpAd (2000/14/EC) | 80 dB(A) |
| A-weighted sound power level, LwAd (2000/14/EC) | 93 dB(A) |

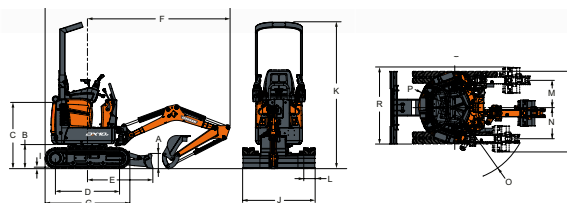
Standard features (not exhaustive)

| | |
|--|--|
| TOPS canopy (Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117) | Hydraulically activated track expansion from 710 to 1100 mm |
| 710 mm dozer blade / 1100 mm extended | Auxiliary lines on arm |
| Double acting auxiliary | 180 mm rubber track |
| Control console locks | Two-speed travel |
| Hydraulic joysticks | Demolition Kit consists of an hydraulic oil cooler for breaker application |

Options

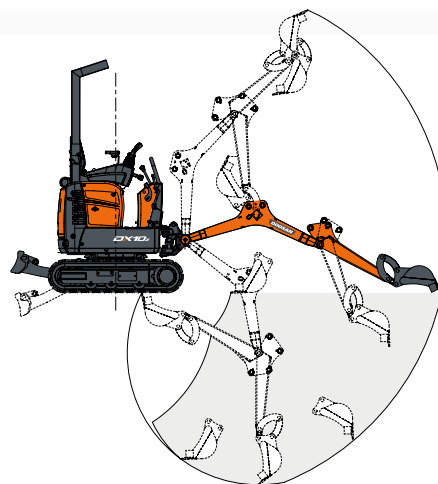
Object Handling Device consists of a lifting device on the bucket linkage

Dimensions



| | | | |
|---|----|-----------------------------------|------|
| A | mm | Blade height | 220 |
| B | mm | Ground clearance | 363 |
| C | mm | Engine cover height | 992 |
| D | mm | Length of track on ground | 968 |
| E | mm | Machine centre line to blade | 987 |
| F | mm | Min. radius in travel position | 2153 |
| G | mm | Overall track length | 1280 |
| H | mm | Shipping length | 2793 |
| I | mm | Track lug height | 16 |
| J | mm | Blade width (retracted) | 710 |
| K | mm | Overall height | 2209 |
| L | mm | Track width | 180 |
| M | mm | LH boom offset | 413 |
| N | mm | RH boom offset | 471 |
| O | mm | Min. turning radius | 1121 |
| P | mm | Swing clearance, rear | 550 |
| Q | mm | Working width at max. RH rotation | 1100 |
| R | mm | Working width at max. LH rotation | 1100 |

Working range



| | | | |
|---|----|----------------------------------|------|
| A | ° | Bucket pivot angle | 196 |
| B | mm | Max. reach | 3145 |
| C | mm | Max. reach at ground level | 3093 |
| D | mm | Min. swing radius | 1374 |
| E | mm | Max. blade height | 196 |
| F | mm | Max. blade depth | 230 |
| G | mm | Max. height at min. swing radius | 1899 |
| H | mm | Max. digging height | 2685 |
| I | mm | Max. dump height | 1818 |
| J | mm | Max. vertical wall depth | 1383 |
| K | mm | Max. digging depth | 1820 |

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