

DEVELON

Mini Excavator

DX25Z-7



Engine

| | |
|---------------------|---------------------|
| Manufacturer | Kubota |
| Model | KUBOTA D1305 |
| Number of cylinders | 3 |
| Rated power gross | 24.8 (18.5) hp (kW) |
| Rated power, net | 24.4 (18.2) hp (kW) |
| Max. torque, net | 81.4 Nm |
| Displacement | 1.261 l |
| Bore and stroke | 78 × 88 mm |
| Starter | 12V-1.4 kW |
| Alternator | 12V-40 A |
| Air cleaner | Double elements |

Hydraulics

| | |
|--------------------------|--|
| Main pump type | Variable displacement tandem axis piston pumps |
| Main pump | 2 × 28.2 l/min @ 2 350 rpm |
| Pilot pump (gear design) | 20/10.5 l/min |
| Aux. line (2 way) | 48 l/min |

Maximum system pressure

| | |
|--------------------------|-------------------------|
| Swing (crossover relief) | 170 kgf/cm ² |
|--------------------------|-------------------------|

Performance

| | |
|-----------------------------|----------|
| Swing speed | 9.16 rpm |
| Bucket breakout force (ISO) | 2.141 t |
| Arm tearout force (ISO) | 1.325 t |

Drive system

| | |
|---------------------------|------------------|
| Travel speed (low – high) | 2.38 / 4.35 km/h |
| Maximum traction | 2.266 t |
| Maximum gradeability | 35° / 70% |

Undercarriage

| | |
|--------------------|--------------------------|
| Rubber track width | 250 mm |
| Ground pressure | 0.32 kgf/cm ² |

Environment

| | |
|-------------------|----------|
| Sound level | 94 dB(A) |
| Cabin sound level | 78 dB(A) |

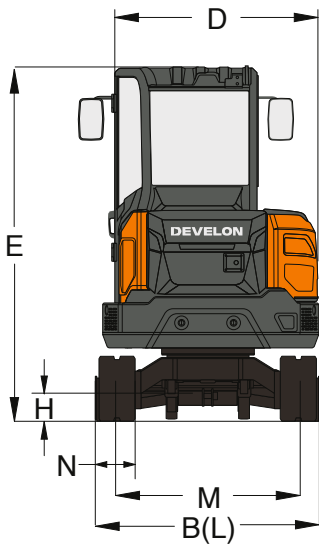
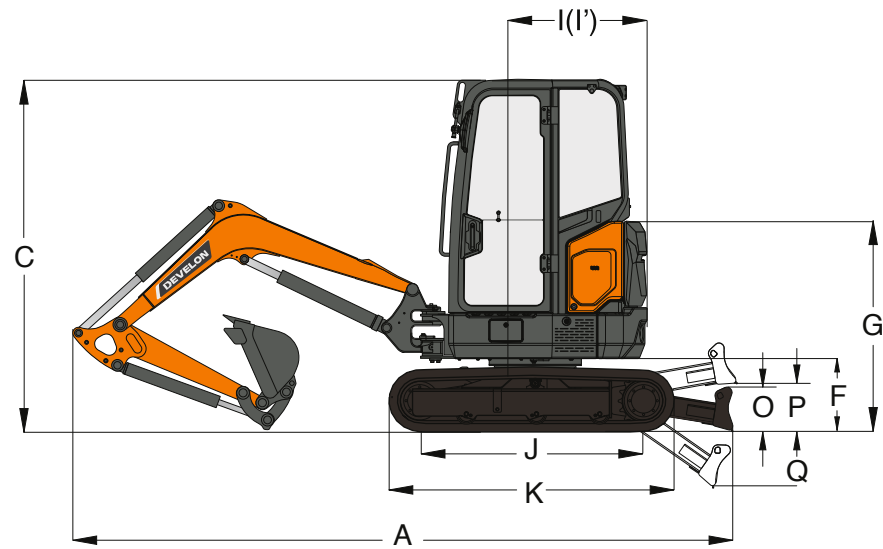
Refill capacities

| | |
|------------------------------------|-------|
| Fuel tank | 30 l |
| Cooling system (radiator capacity) | 6.9 l |
| Engine oil | 5.7 l |
| Travel device | 0.6 l |
| Hydraulic tank | 27 l |

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for Develon Mini excavator in standard configuration. Pictures of Develon Mini excavator may show other than standard equipment. All dimensions are shown in millimeters. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications. Develon construction equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

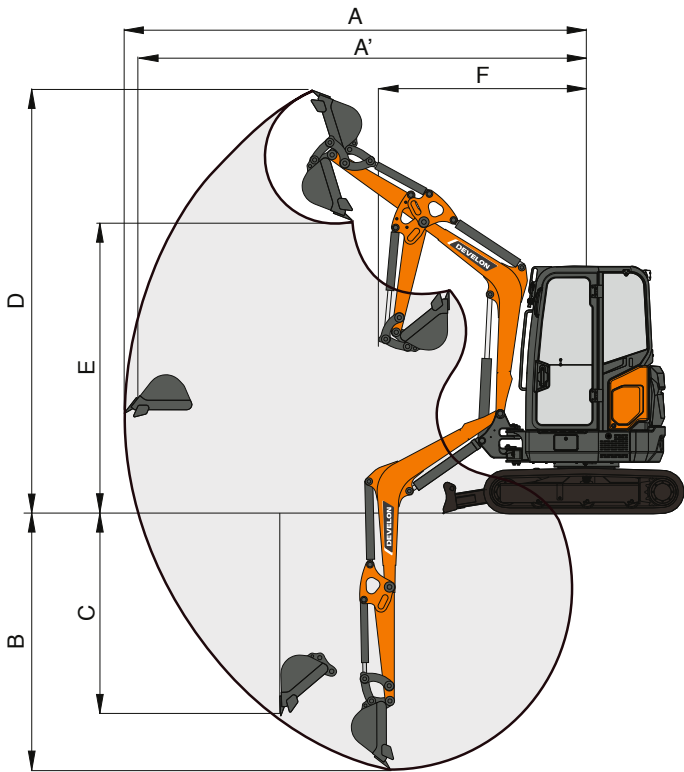
Dimensions

| Description | | Unit | 1.3 m arm |
|-------------|--|------|-----------|
| | Operating weight | kg | 2 691 |
| | Bucket capacity (SAE heaped), standard | m³ | 0.07 |
| A | Overall length | mm | 4 170 |
| B | Overall width | mm | 1 550 |
| C | Overall height | mm | 2 452 |
| D | Overall width of upperstructure | mm | 1 490 |
| E | Overall height of cab | mm | 2 452 |
| F | Ground clearance of counterweight | mm | 504 |
| G | Overall height of engine hood | mm | 1 522 |
| H | Minimum ground clearance | mm | 183 |
| I | Rear-end swing radius (add. CW) | mm | 775 (875) |
| J | Distance between tumblers | mm | 1 550 |
| K | Undercarriage length | mm | 1 975 |
| L | Undercarriage width | mm | 1 550 |
| M | Track gauge | mm | 1 250 |
| N | Track shoe width, standard | mm | 250 |
| O | Blade height | mm | 300 |
| P | Ground clearance of blade up | mm | 328 |
| Q | Blade depth | mm | 348 |



Working range

| Description | | Unit | 1.3 m arm |
|-------------|---------------------------------|------|-----------|
| A | Max digging reach | mm | 4 725 |
| A' | Max digging reach on ground | mm | 4 600 |
| B | Max digging depth | mm | 2 695 |
| B' | Max digging depth (8 ft level) | mm | 2 230 |
| C | Max vertical wall digging depth | mm | 2 200 |
| D | Max digging height | mm | 4 290 |
| E | Max dumping height | mm | 2 975 |
| F | Min swing radius | mm | 2 100 |
| | Boom swing radius (left/right) | mm | 70° / 50° |



Standard & Optional Equipment

| | |
|---|---|
| Engine | |
| Kubota D1305 | ■ |
| Stage V | ■ |
| Hydraulic system | |
| 1-2-way high flow auxiliary line with pedal control | ■ |
| 1-2-way high flow auxiliary line with thumb-wheel control | ● |
| Quick coupler piping | ● |
| Rotating piping | ● |
| Cab & interior | |
| 4 pillar canopy | ■ |
| ZHS upper structure | ■ |
| 5" digital display | ■ |
| USB charger & 12V power socket | ■ |
| Radio with Bluetooth (with cab only) | ■ |
| Heated cab | ● |

| | |
|--------------------------------------|---|
| Safety | |
| Battery switch-off | ■ |
| Front LED light | ■ |
| Boom LED lights | ■ |
| Bucket, boom and arm cylinder guards | ■ |
| Rotating beacon | ■ |
| My Develon (telematic system) | ■ |
| Travel alarm | ● |
| Other | |
| 1.3 m arm | ■ |
| 2.03 m boom | ■ |
| Undercarriage | |
| Fixed undercarriage | ■ |
| 250 mm rubber tracks | ■ |

■ Standard ● Optional

Powered by **Innovation**

DEVELON

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Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications for your individual Develon equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show equipment other than standard equipment.