

# TECHNICAL SPECIFICATIONS

## ENGINE

### Model

Kubota / D722-EF15 (EU Stage V)

### No. of cylinders

3

### Piston 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)

### Bore × stroke

67 mm × 68 mm

## HYDRAULIC SYSTEM

### Pump type

Dual gear pump

### Pump capacity

10.0 l/min

### Auxiliary flow

20.0 l/min

### Auxiliary relief

184.0 - 192.0 bar

### Relief pressure for implement circuit

184.0 - 192.0 bar

## 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

### Gradeability

30°

## WEIGHTS

### Operating weight with standard bucket, excluding operator

1176 kg

### Ground pressure with rubber tracks

29.70 kPa

## SWING MECHANISM

### Swing speed

9.0 rpm

### Boom swing angle L/R

70° / 70°

## ENVIRONMENTAL

### A-weighted emission sound pressure level at the operator's position

LpAd (2000/14/EC) 80 dB(A)

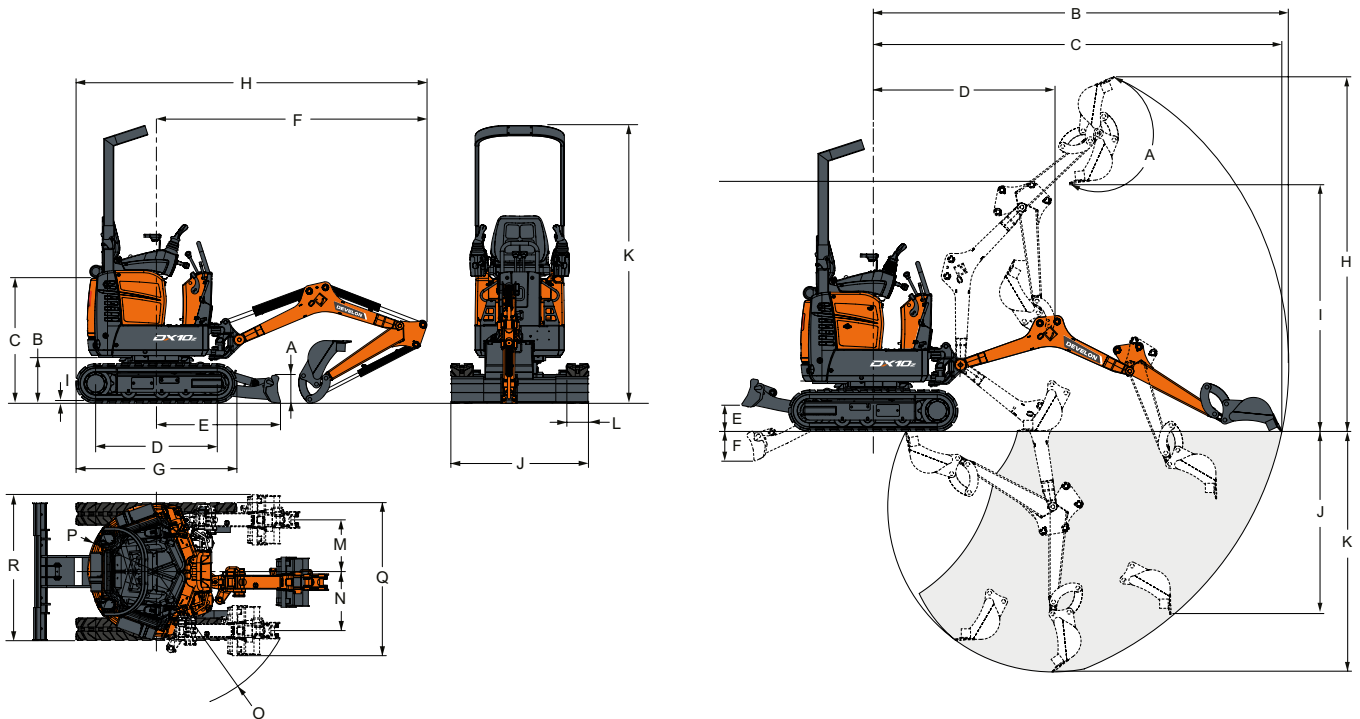
### A-weighted sound power level

LwAd (2000/14/EC) 93 dB(A)

## FLUID CAPACITIES

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

# DIMENSIONS AND WORKING RANGE



## DIMENSIONS

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

## WORKING RANGE

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

# LIFTING CAPACITIES

## LIFTING CAPACITIES • OVER BLADE • BLADE DOWN

Lift point height (mm)	Maximum radius (mm)	Lift at max. radius (kg)	Lift at 2000 mm radius (kg)
2000	2030	319*	319*
1000	2620	275*	345*
Ground	2640	239*	404*
-1000	2030	210*	214**

## LIFTING CAPACITIES • OVER BLADE • BLADE UP

Lift point height (mm)	Maximum radius (mm)	Lift at max. radius (kg)	Lift at 2000 mm radius (kg)
2000	2030	192	206
1000	2620	121	197
Ground	2640	116	174
-1000	2045	171	171

## LIFTING CAPACITIES • OVER SIDE • BLADE UP

Lift point height (mm)	Maximum radius (mm)	Lift at max. radius (kg)	Lift at 2000 mm radius (kg)
2000	2030	90	94
1000	2620	54	92
Ground	2640	48	78
-1000	2045	73	75

- Lifting capacities are in compliance with ISO 10567:2007(E).
- The load point is at the end of the arm.
- \* Rated hydraulic lift capacity.
- The nominal loads shown do not exceed 75% of tipping loads or 87% of hydraulic lifting capacity.
- For lifting capacity with bucket, simply subtract the actual weight of the bucket from the values.
- The configurations indicated do not necessarily reflect the standard equipment of the machine.

# STANDARD AND OPTIONAL EQUIPMENT

● Standard ○ Optional

- TOPS canopy (Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117
- Extendable undercarriage
- Track expansion switch
- Hydraulically activated track expansion from 710 to 1100 mm
- Two-speed travel
- 710 mm dozer blade with two blade extensions (1100 mm extended)
- 1st auxiliary line (double acting) on arm
- Hydraulic joystick control
- Control console locks
- Retractable seat belt
- 180 mm rubber track
- Boom light metal protection
- Demolition Kit consists of an hydraulic oil cooler for breaker application
- Object Handling Device consists of a lifting device on the bucket linkage
- Buckets set (= 1 manual quick coupler QC30 + 3 digging buckets 150 mm / 230 mm / 300 mm + 1 grading bucket 800 mm)
- Develon Hydraulic Breaker HB01H