

DOOSAN

Mini Excavators |
DX19



Maximum power: 13.3 HP
Operating weight: 1.9 t
Max. bucket capacity: 65 l



Engine

Make / Model	Kubota / D722-E2B-BCZ-7
No. of cylinders	3
Displacement	0.7 l
Max. net power (ISO 9249)	9.9 kW (13.3 HP)
Max. net torque (ISO 9249)	4.3 kgf.m (42.3 Nm)

Weights

Operating weight with ROPS canopy	1781 kg
Additional weight for cab with heating	96 kg
Additional weight for long arm	6 kg
Additional weight for counterweight	50 kg

Performance

Bucket digging force (ISO 6015)	20835 N
Arm digging force (ISO 6015)	10371 N
Long arm digging force (ISO 6015)	9279 N
Drawbar pull	19380 N
Ground pressure with rubber tracks	32.40 kPa
Travel speed fast / slow	4.0 / 2.5 km/h
Swing speed	8.4 RPM
Gradeability	30°

Hydraulic system

Pump type	Dual piston pump with gear pump
Pump capacity	41.30 l/min
Pump 1 capacity at 2500 RPM	11.3 l/min
Pump 2 and 3 capacity at 2500 RPM	15 l/min
Auxiliary flow	30.00 l/min
Auxiliary relief	180.0 bar

Fluid capacities

Fuel tank	19 l
Hydraulic tank	19 l
Cooling system	3.3 l
Engine oil plus oil filter	3.3 l

Environmental

A-weighted emission sound pressure level at the operator's position, LpAd (ISO 6396:2008)	79 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	93 dB(A)

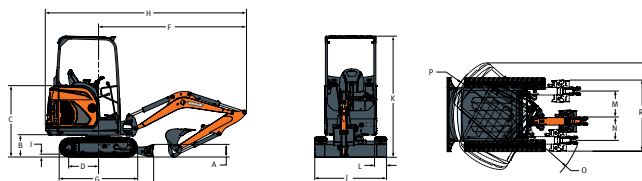
Standard features (not exhaustive)

TOPS/ROPS/FOPS canopy	230 mm rubber track
980 mm dozer blade with two 190 mm blade extensions	Exposed counterweight with 4 mm steel tailgate
Double acting auxiliary hydraulics with quick couplers	Hydraulically retractable undercarriage from 1360 mm to 980 mm
Control console locks	Cupholders
Horn	Foldable and ergonomic pedals
Hydraulic joystick controls	Upper structure four point tie down
Retractable seat belt	Work light
Two-speed travel	Engine with auto shutdown
Full fuel warning alarm	Hydraulic and travel control lockout
Battery kill switch	Warranty: 24 months, 2000 hours (whichever occurs first)

Options

TOPS/ROPS cab with heater	Auxiliary hydraulic line on arm
Long dozer blade	Long arm
Object handling certification	

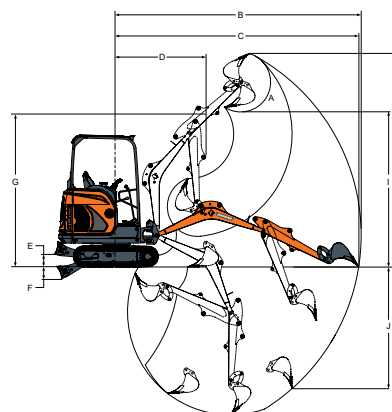
Dimensions



Std./long arm* – std./long dozer blade**

A	mm	235
B	mm	419
C	mm	1340
D	mm	1114
E	mm	1045
E**	mm	1252
F	mm	2832
F*	mm	2812
G	mm	1476
H	mm	3831
H*	mm	3812
I	mm	25
J	mm	980
J*	mm	1360
K	mm	2299
L	mm	230
M	mm	433
N	mm	589
O	mm	1154
P	mm	1009
Q	mm	1801
R	mm	1645

Working range



Std./long arm* – std./long dozer blade**

A	°	196
B	mm	4084
B*	mm	4257
C	mm	4039
C*	mm	4214
D	mm	1542
D*	mm	1561
E	mm	220
E**	mm	300
F	mm	204
F**	mm	254
G	mm	2564
H	mm	3573
H*	mm	3701
I	mm	2566
I*	mm	2693
J	mm	1948
J*	mm	2115
K	mm	2385
K*	mm	2565

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