

# DOOSAN

Mini Excavators |  
**DX17Z**



Maximum power: 13.3 HP  
Operating weight: 1.7 t



## Engine

Make / Model	Kubota / D722-E2B-BCZ-7
No. of cylinders	3
Displacement	0.79 l
Max. net power at 2500 RPM (SAE J1349)	9.9 kW (13.3 HP)
Max. net torque at 2000 RPM (SAE J1349)	42.3 Nm

## Weights

Operating weight with ROPS canopy (ISO 6016)	1749 kg
Transport weight (bucket and operator excluded)	1632 kg

## Performance

Bucket digging force (ISO 6015)	9108 N
Arm digging force (ISO 6015)	16177 N
Drawbar pull	19302 N
Ground pressure with rubber tracks	30.06 kPa (4360 psi)
Travel speed fast / slow	4.0 / 2.48 km/h
Gradeability	30°

## Hydraulic system

Pump type	Dual outlet variable displacement piston pump with gear pumps
Piston pump capacity	2 × 15 l/min
Gear pump capacity	11.3 l/min
Auxiliary flow	30 l/min
Auxiliary relief	180 bar

## Fluid capacities

Fuel tank	19 l
Hydraulic tank	14.3 l
Cooling system	19.0 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)	80 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	93 dB(A)

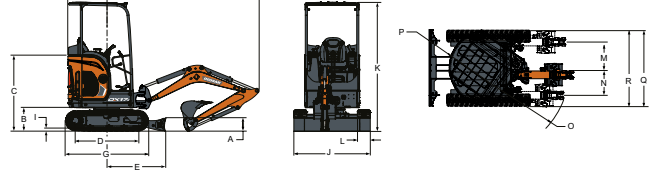
## Standard features (not exhaustive)

ZHS upper-structure concept	Foldable & ergonomic pedals
Retractable undercarriage	Engine speed control lever
TOPS/ROPS/FOPS canopy	Track expansion switch
Lights front canopy	Upper-structure four-point tie down
2nd travel speed	Advanced diagnostics
Dozer blade with two blade extensions	Engine with overheat automatic shutdown
1st aux. line (double acting) with auxiliary caps on arm	Full fuel warning alarm
Hydraulic joystick controls	Hydraulic and travel control lockouts
Stationary seat	Battery kill switch
Control console locks	Spark arrester muffler
	Cup holders

## Options

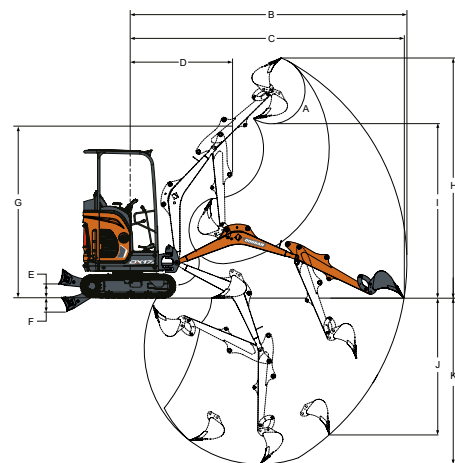
Long dozer blade

## Dimensions



A	mm	Blade height	235
B	mm	Ground clearance	419
C	mm	Engine cover height	1340
D	mm	Length of track on ground	1114
E	mm	Machine centre line to blade (standard dozer blade)	1045
E*	mm	Machine centre line to blade (long dozer blade)	1252
F	mm	Min. radius in travel position	2715
G	mm	Overall track length	1476
H	mm	Shipping length	3450
I	mm	Track lug height	25
J	mm	Blade width (retracted)	980
K	mm	Overall height	2297
L	mm	Track width	230
M	mm	LH boom offset	450
N	mm	RH boom offset	476
O	mm	Min. turning radius	1190
P	mm	Swing clearance, rear	690
Q	mm	Working width	1532

## Working range



A	°	Bucket pivot angle	196
B	mm	Max. reach	3971
C	mm	Max. reach at ground level	3923
D	mm	Min. swing radius	1560
E	mm	Max. blade height	220
F	mm	Max. blade depth	204
G	mm	Max. height at min. swing radius	2046
H	mm	Max. digging height	3378
I	mm	Max. dump height	2461
J	mm	Max. vertical wall depth	1810
K	mm	Max. digging depth	2249

