

EXCAVATOR WE18



Specifications

Engine

Model	Laidong KM385B 18.1kW/2200rpm KUBOTA D1105 14.2kw/2200rpm
Type	Direct injection, water cooled, natural intake
No. of cylinder	3

Main Performance

Swing Speed (r/min)	10-12
Traveling Speed (km/H)	2.8
Grade ability (%)	70(35°)
Traveling Tracking Force (kN)	15
Bucket Digging Force (kN)	11.5
Arm Digging Force (kN)	9.3

Hydraulic System

Hydraulic system working pressure (Mpa)	16
Hydraulic Pump (Gear Pump)	TJHD
Hydraulic pump flow (L/min)	2×22+8.8
Swing Motor	Eaton
Traveling Motor	Eaton
Fuel Tank Capacity (L)	26
Hydraulic Tank Capacity (L)	27

Overall Dimensions

Overall Length (mm)	3800
Overall Width (mm)	1050
Overall Height (mm)	2280
Ground clearance (mm)	485
Track length (mm)	1630
Track width (mm)	230
Undercarriage width (mm)	1050
Undercarriage ground clearance (mm)	235
Dozer Blade (mm)	1050×240

Operation parameters

Operation Weight (KG)	1800
Bucket Capacity (m3)	0.1
Max. Digging Radius (mm)	3860
Max. Digging Depth (mm)	2050
Max. Digging Height (mm)	3370
Max. Dumping Height (mm)	2390
Max. Dozer Cutting (mm)	270
Max. Dozer Lifting (mm)	235
Boom Deflexion (Left/Right) (°)	75/45
Tail Swing Radius (mm)	1125
Front Min. Swing Radius (mm)	1720

Advantages

1.Small size and easy to transport, could be loaded onto light truck or small trailer, four sets could be loaded into one 20GP container to save freight cost.

2.Special design on separating engine and radiation space, using enhanced cooling fan to increase cooling efficiency

3.Famous brand hydraulic system parts ensure the stable quality.

4.Equipped with double fuel filter to guarantee fuel purity to protect engine

5.Boom deflexion design meet narrow work condition, reinforced rubber track to protect road

6.Extend hydraulic line for various attachments.

7.Comfort seat make operator easy to work.

8.Cabin with heater is optional.

9.Could be widely used in gardening, orchard, farming, basement reconstruction, waste residue carrying in coal washing factory, papermaking factory etc. and could replace 4~5 manpower.