



ZY16-8 Mini Crawler Excavator

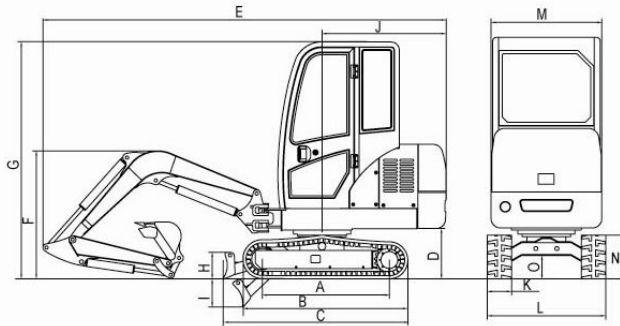
ZY16-8 Mini Crawler Excavator

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- Small size with outstanding performance.
- Original Yanmar engine complies with EPA and European emission regulation.
- Imported hydraulic pumps, valves, motors ensure high performance.
- Imported hydraulic pilot valve controls working devices and dozer blade, ensuring more smooth operation.
- The extendable chassis (from 980 to 1300mm) not only improves working stability, but also allows entry into tight spaces.
- Capacious and comfortable cabin with heater.
- Swing boom enables the operator to position the machine to dig and work next to a wall.
- Auxillary hydraulic piping accommodates both one and two-way hydraulic attachment.

ZY16-8 Dimensions

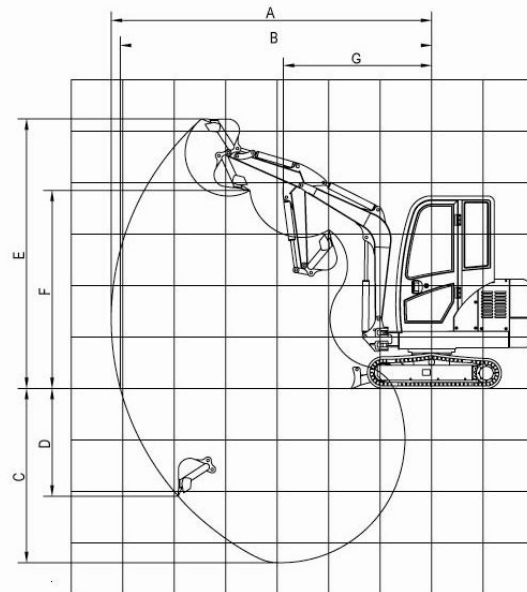
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Specifications	
Operating weight	1680kg
Standard bucket capacity	0.06m ³
Track shoe width	230mm
Arm length	935mm
Boom length	1800mm
Engine	
Model	Yanmar 3TNV82A
Type	Natural aspirated
Power	16.5kw/2200rpm
Max.torque	87.8N·m at 1320rpm
No.of cylinders	3
Displacement	1.331L
Hydraulic system	
Main pump:	
Type	Gear pump
Max.displacement	2X8cm ³ /r
Working pressure	22Mpa
Hydraulic motor:	
Slew	Cycloid
Travel	Cycloid
Performance	
Slew speed	10rpm
Swing boom angle(L+R)	75°+45°
Min.back slew radius	1176mm
Max.travel speed high/low	3.4/1.88km/h
Gradeability	25°
Tractive effort	13.6kN
Max.digging force of bucket	11kN
Max.digging force of arm	8.44kN
Ground pressure	0.29kg/cm ²
Tank capacity	
Fuel tank capacity	18L
Hydraulic tank capacity	25L

Item	Standard (mm)
A Overall width	1183
B Shoe length	1563
C Undercarriage length	1926
D Ground clearance of platform	450
E Overall length	3835
F Boom transport height	1212
G Overall height	2250
H Max.raising height from ground	281
I Max.lowering depth from ground	358
J Rear slewing radius	1176
K Shoe width	230
L Max.overall width	980-1300
M Max.upperstructure width	1050
N Max.ground clearance of crawler	381
O Min.ground clearance	186

Working Ranges



Item	Standard (mm)
A Max.digging reach	3737
B Max.digging reach on ground	3628
C Max.digging depth	2031
D Max.vertical wall digging depth	1256
E Max.cutting height	3129
F Max.dumping height	2295
G Min.front slew radius	1728