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**EXCAVATORS**

# 301.4C

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301.4C Mini Hydraulic Excavator

**PHOTO**



## OVERVIEW

### ENGINE

UNITS:

 US METRIC

Engine Model	Yanmar 3TNV76
Net Power	13.2 kW
Gross Power	17.9 kW
Displacement	1116.0 cm <sup>3</sup>
Rated Net Power (ISO 9249)	13.2 kW

### WEIGHTS

Operating Weight	1470.0 kg
Operating Weight with Cab	1470.0 kg
Note	Weights do not include worktools.
Operating Weight with Cab and Extending Undercarriage	1558.0 kg
Operating Weight with Canopy	1380.0 kg
Operating Weight with Canopy and Extending Undercarriage	1468.0 kg

### DIMENSIONS (APPROXIMATE) – STANDARD STICK

Height	2276.0 mm
Maximum Digging Depth	2210.0 mm

Maximum Digging Depth of Dozer Blade Below Ground	264.0 mm
Maximum Digging Height	3393.0 mm
Maximum Digging Radius	3700.0 mm
Maximum Dumping Height	2403.0 mm
Maximum Lift of Dozer Blade Above Ground	211.0 mm
Maximum Reach on the Ground	3636.0 mm
Maximum Swing Angle of Boom System to the Left	73°
Maximum Swing Angle of Boom System to the Right	49°
Maximum Vertical Digging Depth	1482.0 mm
Minimum Boom Swing Radius	1490.0 mm
Tail Swing Radius	1075.0 mm
Track Length	1460.0 mm
Undercarriage Width – Extended	1300.0 mm
Undercarriage Width – Retracted	990.0 mm
Width	730.0 mm

## **TRAVEL SYSTEM**

Gradeability	30°/58%
Travel Speed – 1st Gear	2.4 km/h
Travel Speed – 2nd Gear	4.1 km/h

Track Width	230.0 mm
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## HYDRAULIC SYSTEM

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Operating Pressure - Equipment	200.0 bar
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Operating Pressure - Travel	200.0 bar
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Operating Pressure - Swing	150.0 bar
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Max. Bucket Force	16.0 kN
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Max. Stick Force	7.1 kN
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Pump Flow at 2,200 rpm	35.0 L/min
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## BLADE

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Width	980.0 mm
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Height	232.0 mm
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Dig Depth	264.0 mm
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Lift Height	211.0 mm
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## SERVICE REFILL CAPACITIES

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Fuel Tank Capacity	24.0 L
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Hydraulic Tank Capacity	20.0 L
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## OPERATING SPECIFICATIONS

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Machine Overhang	424.0 mm
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Stick Length - Long	1100.0 mm
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Stick Length - Standard

940.0 mm

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**DIMENSIONS (APPROXIMATE) – LONG STICK**

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Height

2276.0 mm

Width

730.0 mm

Undercarriage Width – Retracted

990.0 mm

Undercarriage Width – Extended

1300.0 mm

Maximum Digging Depth

2370.0 mm

Maximum Vertical Digging Depth

1626.0 mm

Maximum Digging Height

3507.0 mm

Maximum Dumping Height

2517.0 mm

Maximum Digging Radius

3850.0 mm

Maximum Reach on the Ground

3791.0 mm

Tail Swing Radius

1075.0 mm

Maximum Lift of Dozer Blade Above Ground

211.0 mm

Maximum Digging Depth of Dozer Blade Below  
Ground

264.0 mm

Track Length

1460.0 mm

Maximum Swing Angle of Boom System to the  
Right

49°

Maximum Swing Angle of Boom System to the  
Left

73°

Minimum Boom Swing Radius

1490.0 mm

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# MINI EXCAVATOR ATTACHMENT OPTIONS

Cat Mini Excavator attachment options let you get more out of your machines. Browse our attachment offerings to find the ones that are right for your business.

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## SWEAR BY EQUIPMENT MANAGEMENT

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## MINI HYDRAULIC EXCAVATOR PARTS REFERENCE GUIDE

The mini hydraulic excavator parts reference guide provides you with a quick reference to all the repair, wear and maintenance parts you need for your excavator.

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