

# Product Specifications For 300.9D



## Operational Data

Operating Weight - Without Safety Frame	935 kg
Digging Force - Bucket	8.9 kN
Digging Force - Stick	4.5 kN
Operating Weight - With Safety Frame	985 kg

## Engine

Net Power	9.6 kW
Engine Model	Yanmar 31NV70
Rated Speed	2100 r/min
Maximum Engine Output	13.7 kW
Gross Power - ISO 14396	13.7 kW
Diesel Tank Volume	10 l
Displacement	854 cm <sup>3</sup>
Flywheel Output ISO	9.6 kW
Battery	12 V, 20 Amp
Type	Water cooled model 3-cylinder diesel engine
Make/Type	Yanmar 31NV70
Emissions	Meets U.S. EPA Tier 4 Final/EU Stage V emission standards.

## Weights

<b>Operating Weight</b>	935 kg
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<b>Operating Weight - Without Safety Frame</b>	935 kg
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<b>Operating Weight - With Safety Frame</b>	985 kg
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## Dimensions

<b>Dig Depth</b>	1731 mm
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<b>Undercarriage Width - Extended</b>	864 mm
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<b>Width</b>	730 mm
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<b>Height - With ROPS Safety Frame Folded Down</b>	1507 mm
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<b>Maximum Dump Height</b>	2035 mm
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<b>Maximum Dozer Lift Height</b>	197 mm
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<b>Length - Undercarriage</b>	1220 mm
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<b>Maximum Vertical Dig Depth</b>	1349 mm
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<b>Minimum Front Linkage Swing Radius</b>	1150 mm
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<b>Boom Swing Angle - Left</b>	55 °
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<b>Undercarriage Width - Retracted</b>	711 mm
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<b>Boom Swing Angle - Right</b>	56 °
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<b>Maximum Reach</b>	3074 mm
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<b>Maximum Reach - Ground Level</b>	3023 mm
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<b>Transport Length - Arm Lowered</b>	2746 mm
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<b>Track Width</b>	180 mm
<b>Tail Swing Radius</b>	736 mm
<b>Maximum Dozer Dig Depth</b>	174 mm
<b>Maximum Dig Height</b>	2863 mm
<b>Height - With ROPS Safety Frame Unfolded</b>	2276 mm

## Hydraulic System

<b>Pumps</b>	2 gear pumps
<b>Discharge Capacity</b>	11.4 + 11.4 L/min (3 + 3 gal/min)
<b>Operating Pressure for the Work and Travel Hydraulics</b>	170 bar
<b>Operating Pressure Pivot</b>	70 bar
<b>Hydraulic Tank Capacity</b>	14 l

## Chassis And Swivel Gear

<b>Gradeability</b>	30°/58%
<b>Travel Speed</b>	1.8 km/h
<b>Track Width</b>	180 mm
<b>Ground Clearance</b>	127 mm
<b>Ground Pressure</b>	0.25 kg/cm <sup>2</sup>
<b>Machine Swing Speed</b>	8 r/min
<b>Number of Rollers - Each Side</b>	2

## Operating Specifications

Stick Length - Standard

890 mm

Machine Overhang

318 mm

## Dozer Blade

Height

200 mm

Dig Depth

174 mm

Width

700 mm

Lift Height

197 mm

## Noise Emissions

Sound Power Level (LWA) (to 2000/14/EG)

93 dB(A)

## 300.9D Optional Equipment

**2 Way (Auger) Auxiliary Lines To The Stick (Not Available In All Regions)**

**Bio Oil**

**Buckets: 250 Mm (10 In); 350 Mm (15 In); 700 Mm (2 Ft 4 In)**

**Custom Color Paint**

**Front Guard**

**Hammer**

**Rotating Beacon**