

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 ³ |
| 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

| | |
|---|--------|
| Operating Weight | 935 kg |
| Operating Weight - Without Safety Frame | 935 kg |

Operating Weight - With Safety Frame

985 kg

Dimensions

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

Height - With ROPS Safety Frame Unfolded

2276 mm

Hydraulic System

Pumps

2 gear pumps

Discharge Capacity

11.4 + 11.4 L/min (3 + 3 gal/min)

Operating Pressure for the Work and Travel Hydraulics

170 bar

Operating Pressure Pivot

70 bar

Hydraulic Tank Capacity

14 l

Chassis And Swivel Gear

Gradeability

30°/58%

Travel Speed

1.8 km/h

Track Width

180 mm

Ground Clearance

127 mm

Ground Pressure

0.25 kg/cm²

Machine Swing Speed

8 r/min

Number of Rollers - Each Side

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