

Product Specifications For 300.9D



Engine

Net Power	13 hp
Engine Model	Yanmar 31NV70
Rated Speed	2100 r/min
Maximum Engine Output	18 hp
Gross Power - ISO 14396	18 hp
Diesel Tank Volume	2.64 gal (US)
Displacement	52 in ³
Flywheel Output ISO	13 hp
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.

Dimensions

Dig Depth	68 in
Undercarriage Width - Extended	2.83 ft
Width	2.4 ft
Height - With ROPS Safety Frame Folded Down	4.94 ft
Maximum Dump Height	6.68 ft

Maximum Dozer Lift Height	8 in
Length - Undercarriage	4 ft
Maximum Vertical Dig Depth	4.43 ft
Minimum Front Linkage Swing Radius	3.77 ft
Boom Swing Angle - Left	55 °
Undercarriage Width - Retracted	2.33 ft
Boom Swing Angle - Right	56 °
Maximum Reach	10.09 ft
Maximum Reach - Ground Level	9.92 ft
Transport Length - Arm Lowered	9 ft
Track Width	7 in
Tail Swing Radius	2.41 ft
Maximum Dozer Dig Depth	7 in
Maximum Dig Height	9.39 ft
Height - With ROPS Safety Frame Unfolded	7.47 ft

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	2466 psi

Operating Pressure Pivot	1015 psi
Hydraulic Tank Capacity	3.7 gal (US)

Operational Data

Operating Weight - Without Safety Frame	2061 lb
Digging Force - Bucket	2000 lb
Digging Force - Stick	1011 lb
Operating Weight - With Safety Frame	2170 lb

Weights

Operating Weight	2061 lb
Operating Weight - Without Safety Frame	2061 lb
Operating Weight - With Safety Frame	2170 lb

Chassis And Swivel Gear

Gradeability	30°/58%
Travel Speed	1.12 mile/h
Track Width	7 in
Ground Clearance	5 in
Ground Pressure	3.5 psi
Machine Swing Speed	8 r/min
Number of Rollers - Each Side	2

Operating Specifications

Stick Length - Standard	34.8 in
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Machine Overhang	12.5 in
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Dozer Blade

Height	8 in
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Dig Depth	7 in
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Width	28 in
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Lift Height	8 in
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Noise Emissions

Sound Power Level (LWA) (to 2000/14/EG)	93 dB(A)
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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