

PRODUCT SPECIFICATIONS FOR 301.7 CR

ENGINE

Net Power	19.2 HP
Engine Model	C1.1
Bore	3.0 in
Stroke	3.2 in
Rated Net Power - 2,400 rpm - ISO 9249/EEC 80/1269	19.2 HP
Gross Power - ISO 14396	21.6 HP
Displacement	69.0 in ³

WEIGHTS

Operating Weight	4063.0 lb
Minimum Operating Weight with Canopy*	3937.0 lb
Maximum Operating Weight with Canopy**	4063.0 lb

Note (2)

**Maximum Weight is based on steel tracks, canopy, operator, expandable undercarriage and full fuel tank.

Note (1)

*Minimum Weight is based on rubber tracks, canopy, operator, expandable undercarriage and full fuel tank.

DIMENSIONS - LONG STICK

Dig Depth	100.0 in
Tail Swing	25.6 in
O/A Shipping Height	90.6 in
Maximum Blade Height	10.6 in
Minimum Ground Clearance Below Undercarriage	5.9 in
O/A Undercarriage Length	62.6 in
Boom Height - Shipping Position	40.9 in
Maximum Dump Clearance	98.8 in
Track Belt/Shoe Width	9.1 in
Maximum Dig Height	137.4 in
Track Width - Expanded	51.18 in
Maximum Reach - Ground Level	159.8 in
Swing Bearing - Height	17.4 in

Boom Swing - Left	65.0 °
Stick Length	45.7 in
Vertical Wall	74.4 in
Track Width - Retracted	39.0 in
Boom Swing - Right	50.0 °
Note	*Overall Shipping Length depends on blade position during shipment.
Maximum Reach	162.6 in
Boom In Reach	63.8 in
Overall Shipping Length*	141.3 in
Maximum Blade Depth	10.4 in

BLADE

Height	8.9 in
Note	*Expanded – 1300 mm (51 in)
Width*	39.0 in

HYDRAULIC SYSTEM

Operating Pressure - Equipment	3553.4 psi
Operating Pressure - Swing	2132.1 psi
Digging Force - Stick - Standard	2135.7 lbf
Pump Flow at 2,400 rpm	17.4 gal/min
Auxiliary Circuit - Primary - Pressure	3553.4 psi
Digging Force - Bucket	3641.9 lbf
Auxiliary Circuit - Secondary - Pressure	3553.4 psi
Operating Pressure - Travel	3553.4 psi
Type	Load Sensing Hydraulics with Variable Displacement Piston Pump
Auxiliary Circuit - Secondary - Flow	3.7 gal/min
Auxiliary Circuit - Primary - Flow	8.7 gal/min
Digging Force - Stick - Long	1865.9 lbf

DIMENSIONS - STANDARD STICK

Track Belt/Shoe Width	9.1 in
Overall Shipping Length*	142.5 in
Track Width - Expanded	51.18 in
O/A Undercarriage Length	62.6 in
Maximum Reach - Ground Level	153.5 in
Boom Height - Shipping Position	42.9 in

Boom Swing - Left	65.0 °
Maximum Reach	156.3 in
Maximum Blade Depth	10.4 in
Dig Depth	92.5 in
Maximum Dump Clearance	96.5 in
Maximum Blade Height	10.6 in
Tail Swing	25.6 in
Boom In Reach	64.2 in
Minimum Ground Clearance Below Undercarriage	5.9 in
O/A Shipping Height	90.6 in
Swing Bearing - Height	17.4 in
Stick Length	37.8 in
Vertical Wall	70.9 in
Boom Swing - Right	50.0 °
Track Width - Retracted	39.0 in
Maximum Dig Height	135.0 in

TRAVEL SYSTEM

Maximum Traction Force - High Speed	2675.2 lbf
Travel Speed - High	2.7 mile/h
Ground Pressure - Maximum Weight	4.2 psi
Travel Speed - Low	1.8 mile/h
Maximum Traction Force - Low Speed	4136.5 lbf
Gradeability - Maximum	30 degrees
Ground Pressure - Minimum Weight	4.0 psi

SERVICE REFILL CAPACITIES

Engine Oil	1.2 gal (US)
Hydraulic Tank	4.8 gal (US)
Fuel Tank	5.8 gal (US)
Cooling System	1.0 gal (US)
Hydraulic System	6.9 gal (US)

SOUND

Average Exterior Sound Pressure (ISO 6395:2008)	93.0 dB(A)
Note	European Union Directive "2000/14/EC"