SPECIFICATIONS

	260	270
Engine:		
Make	John Deere	John Deere
Model	3029T	4045D
Type	Diesel	Diesel
Cylinders	3	4
Bore	106 mm (4.17-in.)	106 mm (4.17-in.)
Stroke	110 mm (4.33-in.)	127 mm (5-in.)
Displacement	2.9 L (179 cu. in.)	4.5 L (275 cu. in.)
Gross horsepower (SAE J1940)	54 kW (72.4 hp) @ 2400 rpm	60.4 kW (82 hp) @ 2400 rpm
Net horsepower (SAE J1940)	51.5 kW (69 hp) @ 2400 rpm	57.5 kW (77 hp) @ 2400 rpm
Torque rise	26%	27%
RPM, rated	2400	2400
RPM, slow (no load)	1175	1000
RPM, fast (no load)	2525	2525
Lubrication	Full pressure	Full pressure
Crankcase capacity (with filter)	7.4 L (7 qt.)	12 L (12.7 qt.)
Cooling system	Liquid	Liquid
Coolant capacity radiator and block	10.6 L (11.2 qt.)	13.4 L (14.2 qt.)
Air filter type	Dry paper with primary and secondary elements	Dry paper with primary and secondary elements
Electrical:		
Type of starter	2.5 kW Valeo	4.2 kW Valeo
Battery voltage	12 V	12 V
Battery reserve capacity at 27°C (80°F)	180 minutes	180 minutes
Battery cold cranking amps at -18°C (0°F)	950	950
Charging system	55 amp alternator	55 amp alternator
Fuel System:		
Fuel	Diesel #2	Diesel #2
Capacity	76 L (20 gal.)	76 L (20 gal.)
Fuel delivery	Rotary injection	Rotary injection
Fuel shut-off	Fuel shutoff solenoid in injection pump	Fuel shutoff solenoid in injection pump
Powertrain:		
Type	Variable displacement	Variable displacement
Brakes	Wet disk on hydrostatic motor shaft—SAHR (spring-applied hydraulic-release)	Wet disk on hydrostatic motor shaft—SAHR (spring-applied hydraulic-release)
Steering:		
Type	Hydrostatic	Hydrostatic
Hydraulics:		
Main system relief pressure	21374 kPa (3100 psi)	21374 kPa (3100 psi)
Hydraulic pump (standard flow)	80.6 lpm (21.3 gpm)	80.6 lpm (21.3 gpm)
Hydraulic pump (high flow)	125.3 lpm (33.1 gpm)	132.1 lpm (34.9 gpm)
Hydraulic valve	3-spool open center	3-spool open center
Hydraulic system capacity	34.1 L (9 gal.)	34.1 L (9 gal.)
Built-in boom locks	Yes	Yes
Self-leveling	Optional - hydraulic	Optional - hydraulic
Cushioned boom down cylinders	Standard	Standard
Performance:		
SAE rated operating capacity	1089 kg (2400 lb.)	1270 kg (2800 lb.)
SAE rated operating capacity with counterweights	1180 kg (2600 lb.)	1361 kg (3000 lb.)
SAE Breakout force (bucket)	3409 kg (7500 lb.)	4763 kg (10,500 lb.)
SAE Breakout force (boom)	2182 kg (4800 lb.)	2182 kg (4800 lb.)
Ground speed:		
Single speed	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)
Low range (dual speed)	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)
High range (dual speed)	19.3 km/h (12.0 mph)	19.3 km/h (12.0 mph)
Axle torque	5749 N•m (7795 lb-ft)	5749 N•m (7795 lb-ft)
SAE operating weight	3742 kg (8250 lb.)	3856 kg (8500 lb.)
SAE tipping load	2268 kg (5000 lb.)	2540 kg (5600 lb.)

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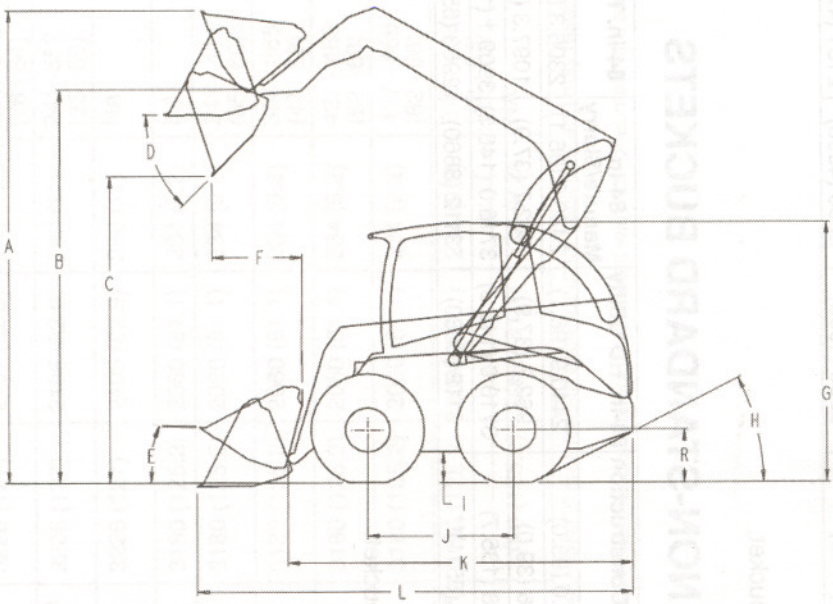
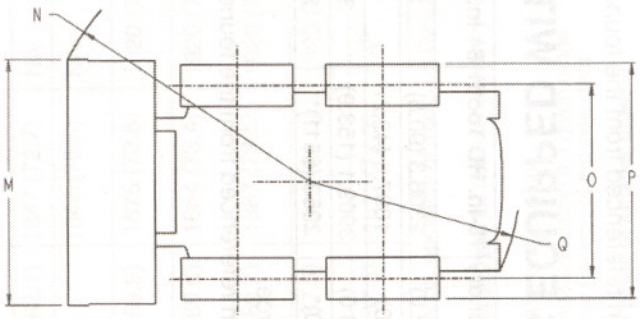
DIMENSIONS





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	260	270
A. Overall Operating Height - mm (in.). .	4000 (157.5)	4000 (157.5)
B. Height to Hinge Pin - mm (in.).	3226 (127)	3226 (127)
C. Dump Height - mm (in.).	2591 (102)	2591 (102)
D. Dump Angle - degrees.	45	45
E. Bucket Rollback - degrees.	35	35
F. Dump Reach - mm (in.).	813 (32)	813 (32)
G. Height to ROPS - mm (in.).	2105 (82.9)	2105 (82.9)
H. Angle of Departure - degrees.	27	27
I. Ground Clearance - mm (in.).	280 (11)	280 (11)
J. Wheelbase - mm (in.).	1209 (47.6)	1209 (47.6)
K. Overall Length less Bucket - mm (in.).	2921 (115)	2921 (115)
L. Overall Length with Bucket - mm (in.).	3504 (138)	3504 (138)
M. Overall Width with Bucket - mm (in.).	1935 (76.2)	1935 (76.2)
N. Turning Radius (Front) - mm (in.). . . .	2126 (83.7)	2126 (83.7)
O. Wheel Tread - mm (in.).	1589 (62.6)	1589 (62.6)
P. Overall Width less Bucket - mm (in.). .	1935 (76.2)	1935 (76.2)
Q. Turning Radius (Rear) - mm (in.). . . .	1752 (69)	1752 (69)
R. Height to Axle Center Point - mm (in.).	447 (17.6)	447 (17.6)

Notes:

1) *Performance based on skid steer equipped with 14.00 x 17.5 SKS Extra-Wall (260 and 270) tires, auxiliary boom hydraulics, 78-in. heavy-duty foundry bucket, full fuel tank, and 75 kg (165 lb.) operator per SAE Standard J732.*
2) *Various dimensions for skid steers equipped with non-standard buckets or tires can be found on the charts at the end of this section.*

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DIMENSIONS FOR 260 SKID STEERS EQUIPPED WITH NON-STANDARD BUCKETS

	78-in. HD Construction	72-in. HD Foundry	78-in. HD Tooth	84-in. HD Construction	84-in. HD Utility	84-in. Manure/Slurry	84-in. Tooth
Dump Height –mm (in.)	2413.0 (95.0)	2591.0 (102.0)	2306.3 (90.8)	2413.0 (95.0)	2440.9 (96.1)	2440.9 (96.1)	2306.3 (90.8)
Dump Reach – mm (in.)	990.6 (39.0)	813.0 (32.0)	1097.3 (43.2)	990.6 (39.0)	962.7 (37.9)	962.7 (37.9)	1097.3 (43.2)
Overall Length with bucket – mm (in.)	3756.7 (147.9)	3504.0 (138.0)	3909.1 (153.9)	3446.8 (135.7)	3716.0 (146.3)	3716.0 (146.3)	3909.1 (153.9)
Bucket Breakout Force – kg (lb.)	2151 (4742)**	3039.0 (6700)*	2151 (4742)**	2151 (4742)**	2266 (4996)	2266 (4996)	2151 (4742)**

* Actual measured value per SAE Standard J732 for bucket breakout force.

** Calculation based on the percent difference of the cutting edge position referenced from the foundry bucket.

DIMENSIONS FOR 270 SKID STEERS EQUIPPED WITH NON-STANDARD BUCKETS

	78-in. HD Construction	72-in. HD Foundry	78-in. HD Tooth	84-in. HD Construction	84-in. HD Utility	84-in. Manure/Slurry	84-in. Tooth
Dump Height –mm (in.)	2413.0 (95.0)	2591.0 (102.0)	2306.3 (90.8)	2413.0 (95.0)	2440.9 (96.1)	2440.9 (96.1)	2306.3 (90.8)
Dump Reach – mm (in.)	990.6 (39.0)	813.0 (32.0)	1097.3 (43.2)	990.6 (39.0)	962.7 (37.9)	962.7 (37.9)	1097.3 (43.2)
Overall Length with bucket – mm (in.)	3756.7 (147.9)	3504.0 (138.0)	3909.1 (153.9)	3446.8 (135.7)	3716.0 (146.3)	3716.0 (146.3)	3909.1 (153.9)
Bucket Breakout Force – kg (lb.)	2953 (6511)**	4173 (9200)*	2953 (6511)**	2953 (6511)**	3112 (6860)	3112 (6860)	2953 (6511)**

* Actual measured value per SAE Standard J732 for bucket breakout force.

** Calculation based on the percent difference of the cutting edge position referenced from the foundry bucket.