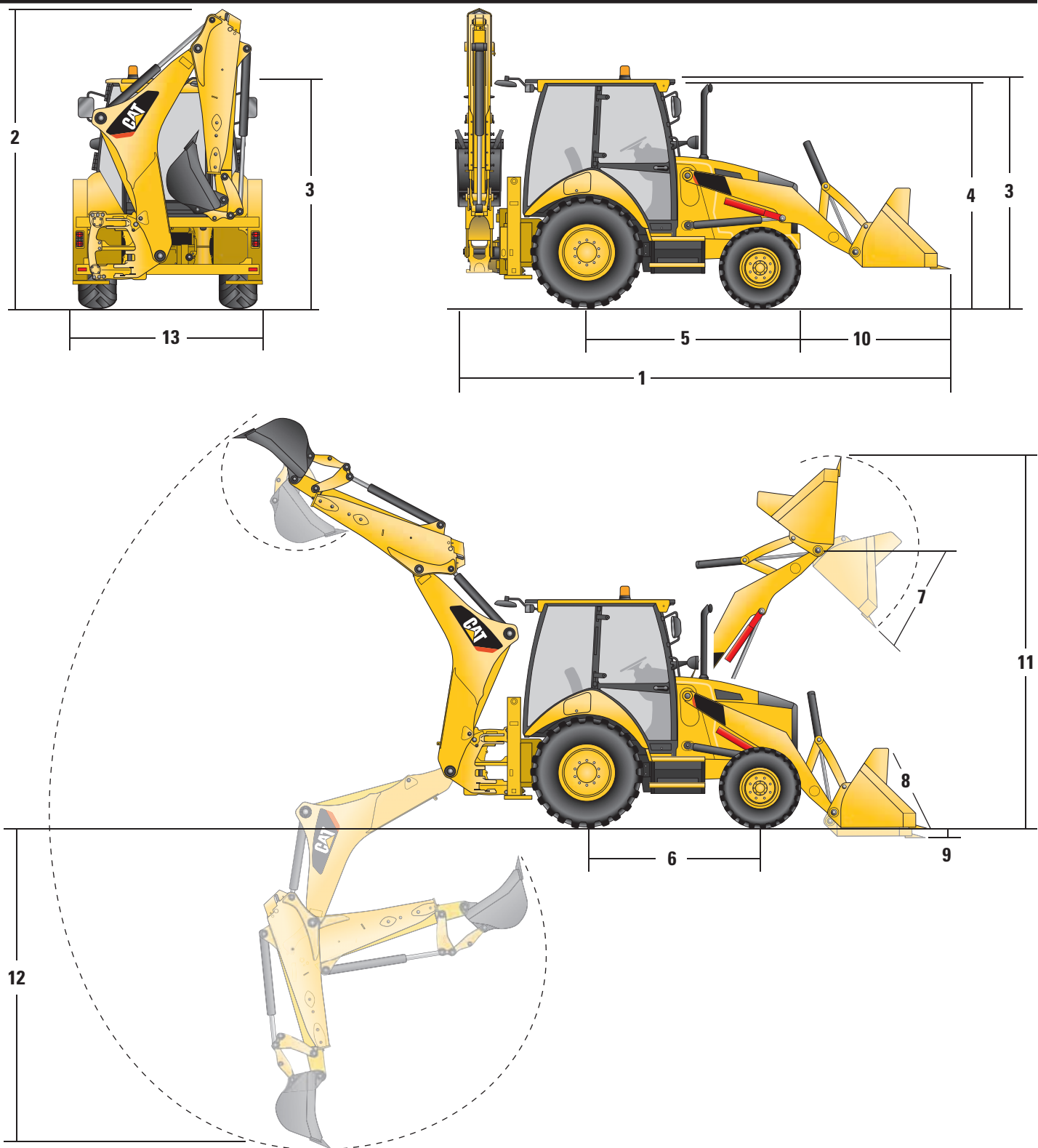


422F Backhoe Loaders



Measurements based on: 249-9248 Goodyear tires; Laborer 11L-16 12PR (Front) and Sure Grip 16.9-28 12PR (Rear)

422F Backhoe Loaders

Machine Dimensions

	GP	MP	MP with forks
Overall length (loader on ground) S-Stick	7346 mm	7313 mm	7313 mm
Overall length (loader on ground) E-Stick	7348 mm	7312 mm	7312 mm
1 Overall length in roading position (15 degree angle) S-Stick	5759 mm	5752 mm	5752 mm
Overall length in roading position (15 degree angle) E-Stick	5759 mm	5752 mm	5752 mm
Overall transport length S-Stick	5772 mm	5728 mm	5728 mm
Overall transport length E-Stick	5772 mm	5728 mm	5728 mm
2 Overall transport height S-Stick	3810 mm	3810 mm	3810 mm
Overall transport height E-Stick	3799 mm	3799 mm	3799 mm
Overall width (machine, not including bucket)	2280 mm	2280 mm	2280 mm
3 Height to top of cab/canopy	2829 mm	2829 mm	2829 mm
4 Height to top of exhaust stack	2681 mm	2681 mm	2681 mm
Height to loader hinge pin (transport)	400 mm	361 mm	361 mm
Ground clearance (minimum)	320 mm	320 mm	320 mm
5 Rear axle centerline to front grill	2705 mm	2705 mm	2705 mm
Front wheel tread gauge	1895 mm	1895 mm	1895 mm
Rear wheel tread gauge	1714 mm	1714 mm	1714 mm
6 Wheelbase 2WD/AWD	2200 mm	2200 mm	2200 mm

Dimensions and Performance – Loader

	GP	MP	MP with forks
Width	2406 mm	2406 mm	2406 mm
Lift breakout force	46.2 kN	44.9 kN	43.3 kN
Tipping load at breakout point	6510 kg	6470 kg	6323 kg
7 Dump angle at full height	46°	46°	46°
8 Maximum bucket rollback at ground level	37°	38°	38°
9 Digging depth	168 mm	201 mm	201 mm
Maximum grading angle	113°	115°	115°
Width of dozer cutting edge	—	2406 mm	2406 mm
10 Grill to bucket cutting edge, carry position	1495 mm	1457 mm	1457 mm
11 Maximum operating height	4293 mm	4324 mm	4324 mm
Jaw opening maximum	—	790 mm	790 mm
Bucket jaw clamping force	—	56 kN	56 kN
Weight (does not include teeth or forks)	441 kg	680 kg	705 kg

Dimensions and Performance – Backhoe

	Standard	E-stick Retracted	E-stick Extended
Digging depth, manufacturer's maximum	4843 mm	4848 mm	5765 mm
Digging depth, 2440 mm flat bottom	3837 mm	3858 mm	4930 mm
12 Digging depth, 610 mm flat bottom	4199 mm	4203 mm	5202 mm
Reach from rear axle centerline at ground line	6972 mm	6972 mm	7904 mm
Maximum operating height	5739 mm	5741 mm	6361 mm
Loading height	4063 mm	4071 mm	4691 mm
Swing arc	180°	180°	180°
Bucket rotation	205°	205°	205°
13 Stabilizer (overall width)	2241 mm	2241 mm	2241 mm