

CATERPILLAR 430D BACKHOE LOADER

Specifications



Weights

Operating Weight - Nominal 7355 kg (16217 lb)
Operating Weight - Maximum 9800 kg (21605 lb)
Counterweights, Base 145 kg (320 lb)

Backhoe

Dig Depth - Standard 4639 mm (15.3 ft)
Dig Depth - E-Stick Extended 6079 mm (19.92 ft)
Reach from Swing Pivot - Standard 5972 mm (19.58 ft)
Reach from Swing Pivot - E-Stick Retracted 6173 mm (20.25 ft)
Reach from Swing Pivot - E-Stick Extended 7303 mm (24 ft)
Bucket Rotation 205 Degrees
Bucket Dig Force - Standard 65.6 kN (14732 lb)
Bucket Dig Force - E-Stick Retracted 65 kN (14602 lb)
Bucket Dig Force - E-Stick Extended 65 kN (14602 lb)
Stick Dig Force - Standard 42 kN (9448 lb)
Stick Dig Force - E-Stick Retracted 39.4 kN (8865 lb)
Stick Dig Force - E-Stick Extended 28.6 kN (6430 lb)
Stick Lift @ 1219 mm (4 ft) - Standard 6729 kg (14821 lb)
Stick Lift @ 1219 mm (4 ft) - E-Stick Retracted 3566 kg (7855 lb)
Stick Lift @ 1219 mm (4 ft) - E-Stick Extended 1845 kg (4064 lb)
Dig Depth - E-Stick Retracted 4870 mm (16 ft)
Loading Height 3841 mm (12.58 ft)
Loading Reach 1823 mm (6 ft)

Loader

Bucket Capacity - General Purpose 1 m³ (1.31 yd³)
Bucket Width - General Purpose 2406 mm (95 in)
Dump Height @ Max Angle, Single-tilt 2575 mm (8.58 ft)
Dump Height @ Max Angle, IT with QC 2494 mm (8.33 ft)
Dump Reach @ Max Angle, Single-tilt 805 mm (2.67 ft)
Dump Reach @ Max Angle, IT with QC 830 mm (2.75 ft)
Dig Depth Single-tilt 135 mm (6.5 in)
Dig Depth IT with QC 135 mm (6.5 in)
Lift Capacity @ Full Height Single-tilt 2898 kg (6391 lb)
Lift Capacity @ Full Height IT with QC 3152 kg (6949 lb)
Bucket Breakout Force - Single-tilt 45.7 kN (10269 lb)
Bucket Breakout Force - IT with QC 47.3 kN (10628 lb)

Operating Specifications - Backhoe

Turning Circle: outside, front wheels 8.1 m (26.75 ft)
Turning Circle: outside, widest loading bucket 10.8 m (35.42 ft)



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