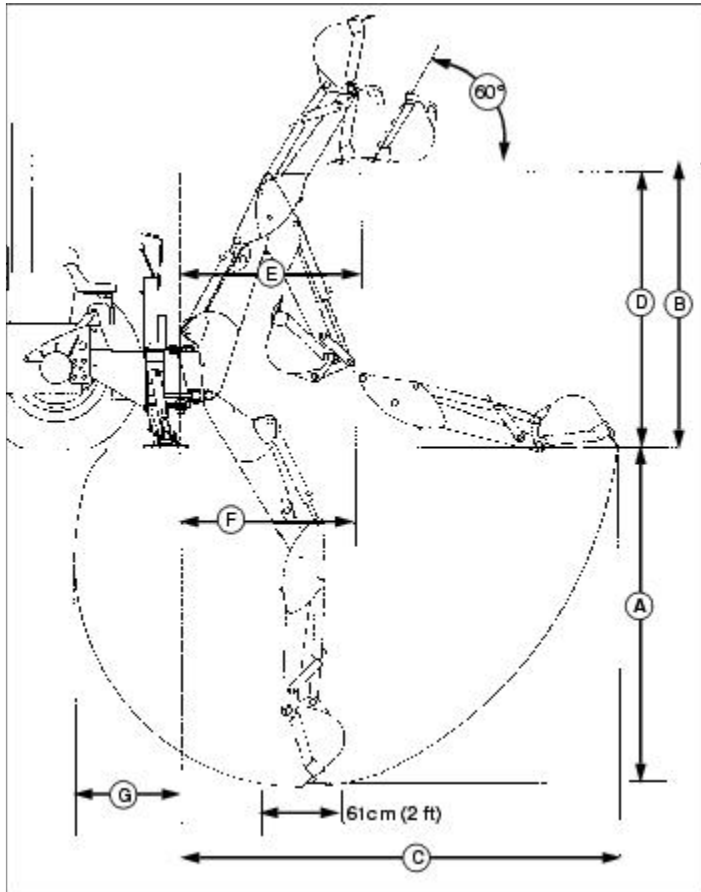


Product Manuals

OPERATOR'S MANUAL

Specifications

Backhoes



M64109

Model 448

NOTE: Dimensions are given for backhoe with boom pivot pin 43cm (17 in.) above ground.

Digging Depth (A) (see note below) 2.67 m (105 in.)

Weight, With Large Frame Adapter and 24" Bucket 662 kg (1460 lb)

Weight, With Medium Frame Adapter and 24" Bucket 644 kg (1420 lb)

Swing Arc 180 degrees

Loading Height (bucket at 60°) (B) 2.24 m (88 in.)
Reach From Center Line of Swing Pivot (C) 3.61 m (142 in.)
Transport Height (D) 2.29 m (90 in.)
Bucket Rotation 180 degrees
Loading Reach (bucket at 60°) (E) 1.17 m (46 in.)
Transport Overhang (F) 1.32 m (52 in.)
Undercut (G) 56 cm (22 in.)
Stabilizers Spread Width (Raised) 1.37 m (54 in.)
Stabilizers Spread Width (Lowered) 2.51 m (99 in.)
Boom Lift Capacity (see note below) 372 kg (820 lb)
SAE Dipperstick Digging Force 10,83 kN (2435 lb)
SAE Bucket Digging Force 16,59 kN (3730 lb)
Bucket Control Main Relief Valve Pressure 17,58 MPa (2550 psi)
Digging Depth: 61cm (24 in.) flat bottom.

Boom Lift Capacity: Dipper arm and boom extended, lifting with boom cylinder only, weight attached at bucket pivot, bucket pivot 91cm (36 in.) above ground.

Model 447

NOTE: Dimensions are given for backhoe with boom pivot pin 40.6cm (16 in.) above ground.

Digging Depth (A) (see note below) 2.34 m (92 in.)
Weight, With RSA Side Plate Kit and 20" Bucket 469 kg (1035 lb)
Swing Arc 180 degrees
Loading Height (bucket at 60°) (B) 1.99 m (78.5 in.)
Reach From Center Line of Swing Pivot (C) 3.15 m (124 in.)
Transport Height (D) 2.06 m (81 in.)
Bucket Rotation 180 degrees
Loading Reach (bucket at 60°) (E) 1.09 m (43 in.)
Transport Overhang (F) 1.14 m (45 in.)
Undercut (G) 44 cm (17.5 in.)

Stabilizers Spread Width (Raised) 1.55 m (61 in.)

Stabilizers Spread Width (Lowered) 2.26 m (89 in.)

Boom Lift Capacity (see note below) 270 kg (595 lb)

SAE Dipperstick Digging Force 909 kN (2005 lb)

SAE Bucket Digging Force 1288 kN (2840 lb)

Bucket Control Main Relief Valve Pressure 15,51 MPa (2250 psi)

Digging Depth: 61cm (24 in.) flat bottom.

Boom Lift Capacity: Dipper arm and boom extended, lifting with boom cylinder only, weight attached at bucket pivot, bucket pivot 91cm (36 in.) above ground.

Buckets

448 Backhoe

Bucket Width	31cm (12 in.)	46cm (18 in.)
SAE Struck Capacity	0.034 m ³ (1.20 ft ³)	0.052 m ³ (1.84 ft ³)
Heaped Capacity	0.043 m ³ (1.53 ft ³)	0.070 m ³ (2.47 ft ³)

Bucket Width	61cm (24 in.)	91cm (36 in.)
SAE Struck Capacity	0.072 m ³ (2.53 ft ³)	0.111 m ³ (3.92 ft ³)
Heaped Capacity	0.099 m ³ (3.48 ft ³)	0.156 m ³ (5.50 ft ³)

447 Backhoe

Bucket Width	23cm (9 in.)	33cm (13 in.)	41cm (16 in.)
SAE Struck Capacity	0.014 m ³ (0.49 ft ³)	0.022 m ³ (0.77 ft ³)	0.028 m ³ (0.98 ft ³)
Heaped Capacity	0.018 m ³ (0.64 ft ³)	0.029 m ³ (1.04 ft ³)	0.038 m ³ (1.33 ft ³)

Bucket Width	51cm (20 in.)	61cm (24 in.)	91cm (36 in.)
SAE Struck Capacity	0.036 m ³ (1.26 ft ³)	0.044 m ³ (1.54 ft ³)	0.067 m ³ (2.38 ft ³)
Heaped Capacity	0.049 m ³ (1.74 ft ³)	0.061 m ³ (2.14 ft ³)	0.095 m ³ (3.34 ft ³)