

APE Single Acting Diesel Impact Hammer

THE WORLD'S LARGEST PILEDRIVERS

Model D70-52

SPECIFICATIONS

Stroke at Maximum Rated Energy Maximum Rated Energy (Setting 4) (Setting 3) (Setting 2) Minimum Rated Energy (Setting 1) VARIABLE THROTTLE ALLOWS FOR INFINITE FUEL SETTING)

Maximum Obtainable Stroke Maximum Obtainable Energy Speed (Blows Per Minute)

WEIGHTS (APPROXIMATE)

Piston Anvil Anvil Cross Sectional Area Hammer Weight (Includes Trip Device) Typical Operating (Weight With DB26 & H-Beam insert)

CAPACITIES

Fuel Tank (Runs on Diesel or Bio-Diesel) Oil Tank

CONSUMPTION

Diesel or Bio-Diesel Oil Tank Grease

STRIKER PLATE FOR DB32

Weight Diameter Area Thickness

CUSHION MATERIAL

Type/Qty Diameter-DB32 Thickness

Type/Qty Thickness Diameter Total Combined Thickness Area Elastic-Modulus Coeff. of Restitution

DRIVE CAP DB 32:

INSERT WEIGHT

H-Beam Insert for 12" (305mm) and 14" (355 mm): Large Pipe Insert for the Sizes 12" to 24" Diameter:

MINIMUM LEADER SIZE/OPERATING LENGTH

Minimum Box Leader Size Operating Length as Described above 135 in (343 cm) 173,644 ft-lbs (235.42 kNm) 144,124 ft-lbs (195.40 kNm) 114,605 ft-lbs (155.38 kNm) 85,085 ft-lbs (115.35 kNm)

150 in (381 cm) 192,938 ft-lbs (261.57 kNm) 34-53

15,433 lbs (7,000 kg) 2,425 lbs (1,100 kg) 367.94 in² (2,373.80 cm²) 30,864 lbs (14,000 kg) 36,164 lbs (16,404 kg)

25.5 Gal (96.5 Liters) 8.2 Gal (31 Liters)

5.2 Gal/hr (19.68 Liters/hr) 0.52 Gal/hr (1.96 Liters/hr) 8 to 10 Pumps Every 20 Minutes of Operation Time.

> 1,036 lbs (470 kg) 25 in (63.5 cm) 491 in² (3,167.74 cm²) 8 in (20.32 cm)

Micarata / 2 each 25 in (63.5 cm) 1 in (2.54 cm)

Aluminum / 3 each 1/2 in (1.27 cm) 25 in (63.5 cm) 3.5 in (8.89 cm) 491 in² (3,167.74 cm²) 285 ksi (1,965 mpa) 0.8

2,436 lbs (1,105 kg)

948 lbs (430 kg) 1,830 lbs (830 kg)

8 in x 32 in (20.32 cm x 81.28 cm) 374 in (949.96 cm)

Image may not represent actual Model



Optional Variable Throttle Control



Drive Base Assembly







Specifications may vary due to site conditions, specific hammer conditions or product set up. Specifications may change without notice. Consult the factory for details on any specific product (800) 248-8498. Copyright © 2022 American Piledriving Equipment Inc. All Rights Reserved

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