Specifications

Stroke at Maximum Rated Energy 135 in (343 cm)
Maximum Rated Energy (Setting 4) 19,800 ft-lbs (26.84 kNm)
(Setting 3) 16,434 ft-lbs (22.26 kNm)
(Setting 2) 13,068 ft-lbs (17.72 kNm)
Minimum Rated Energy (Setting 1) 9,702 ft-lbs (13.15 kNm)

(VARIABLE THROTTLE ALLOWS FOR INFINITE FUEL SETTING)

Maximum Obtainable Stroke 150 in (381 cm)
Maximum Obtainable Energy 22,000 ft-lbs (29.83 kNm)
Speed (Blows Per Minute) 34-52

Weights (Approximate)
Piston 1,760 lbs (798 kg)
Anvil 352 lbs (160 kg)
Anvil Cross Sectional Area 76 in² (490.32 cm²)
Hammer Weight (Includes Trip Device) 6,250 lbs (2,835 kg)
Typical Operating (Weight With DB26 & H-Beam insert) 7,902 lbs (3,312 kg)

Capacities

Fuel Tank (Runs on Diesel or Bio-Diesel) 4.7 Gal (17.79 Liters)
Oil Tank 1.3 Gal (4.9 Liters)

Consumption

Diesel or Bio-Diesel 0.06 Gal/hr (.49 Liters/hr)
Oil Tank 1.3 Gal/hr (4.9 Liters/hr)
Grease 8 to 10 Pumps Every 20 Minutes of Operation Time.

Striker Plate for DB26

Weight 628 lbs (284 kg)
Diameter 22.5 in (57.15 cm)
Area 398 in² (2,567.74 cm²)
Thickness 6 in (15.24 cm)

Striker Plate for DB20

Weight 440 lbs (199 kg)
Diameter 17.75 in (45 cm)
Area 247 in² (1,593.55 cm²)
Thickness 6 in (15.24 cm)

Cushion Material

Type Monocast MC 904
Diameter-DB26 22.5 in (57.15 cm)
Diameter-DB20 17.75 in (45.08 cm)
Thickness 2 in (5.08 cm)
Elastic-Modulus 285 ksi (1,965 mpa)
Coeff. of Restitution 0.8

Drive Cap

DB 26: 1,076 lbs (488 kg)
DB 20: 750 lbs (340 kg)

Insert Weight

H-Beam Insert for 12” (305mm) and 14” (355 mm): 948 lbs (430 kg)
Large Pipe Insert for the Sizes 12” to 24” Diameter: 1,830 lbs (830 kg)

Minimum Leader Size/Operating Length

Minimum Box Leader Size 8 in x 21 in (20.32 cm x 53.34 cm)
Operating Length as Described Above 348 in (883.92 cm)

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.
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SPECIFICATIONS

APE Single Acting Diesel Impact Hammer
THE WORLD’S LARGEST PILEDRIVERS
Model D8-42

WEIGHTS (APPROXIMATE)

Piston 1,760 lbs (798 kg)
Anvil 352 lbs (160 kg)
Anvil Cross Sectional Area 76 in² (490.32 cm²)
Hammer Weight (Includes Trip Device) 6,250 lbs (2,835 kg)
Typical Operating (Weight With DB26 & H-Beam insert) 7,902 lbs (3,312 kg)

CAPACITIES

Fuel Tank ( Runs on Diesel or Bio-Diesel) 4.7 Gal (17.79 Liters)
Oil Tank 1.3 Gal ( 4.9 Liters)

CONSUMPTION

Diesel or Bio-Diesel 0.06 Gal/hr ( .49 Liters/hr)
Oil Tank 1.3 Gal/hr ( 4.9 Liters/hr)
Grease 8 to 10 Pumps Every 20 Minutes of Operation Time.

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Operating Length as Described Above 348 in (883.92 cm)