



APE Single Acting Diesel Impact Hammer

THE WORLD'S LARGEST PILEDRIVERS

Model D25-52

SPECIFICATIONS

Stroke at Maximum Rated Energy	135 in (343 cm)
Maximum Rated Energy (Setting 4)	62,010 ft-lbs (84.07 kNm)
(Setting 3)	51,468 ft-lbs (69.78 kNm)
(Setting 2)	40,927 ft-lbs (55.49 kNm)
Minimum Rated Energy (Setting 1)	30,385 ft-lbs (41.19 kNm)
<i>(VARIABLE THROTTLE ALLOWS FOR INFINITE FUEL SETTING)</i>	
Maximum Obtainable Stroke	150 in (381 cm)
Maximum Obtainable Energy	68,900 ft-lbs (93.41 kNm)
Speed (Blows Per Minute)	34-53

WEIGHTS (APPROXIMATE)

Piston	5,512 lbs (2,500 kg)
Anvil	1,358 lbs (616 kg)
Anvil Cross Sectional Area	367.94 in ² (2,373.80 cm ²)
Hammer Weight (Includes Trip Device)	12,569 lbs (5701 kg)
Typical Operating (Weight With DB26 & H-Beam insert)	15,221 lbs (6,904 kg)

CAPACITIES

Fuel Tank (Runs on Diesel or Bio-Diesel)	17.4 Gal (65.8 Liters)
Oil Tank	4.9 Gal (18.5 Liters)

CONSUMPTION

Diesel or Bio-Diesel	2.08 Gal/hr (7.8 Liters/hr)
Oil Tank	0.26 Gal/hr (1 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 in ² (2,567.74 cm ²)
Thickness	6 in (15.24 cm)

CUSHION MATERIAL

Type/Qty	Micarata / 2 each
Diameter-DB26	22.5 in (57.15 cm)
Thickness	1 in (2.54 cm)
Type/Qty	Aluminum / 3 each
Thickness	1/2 in (1.27 cm)
Diameter	22.5 in (57.15 cm)
Total Combined Thickness	3.5 in (8.89 cm)
Area	398 in ² (2,567.74 cm ²)
Elastic-Modulus	285 ksi (1,965 mpa)
Coeff. of Restitution	0.8

DRIVE CAP

DB 26:	1,076 lbs (488 kg)
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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)

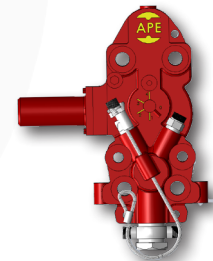
MINIMUM LEADER SIZE/OPERATING LENGTH

Minimum Box Leader Size	8 in x 26 in (20.32 cm x 66 cm)
Operating Length with Base and Insert	354 in (900 cm)



Image may not represent actual Model

Optional Variable Throttle Control



Drive Base Assembly

