

APE Model D36/26-52 Single Acting Diesel Impact Hammer

MODEL D36/26-52 (3.6 metric ton ram)

D36/26-52 Finishing Dolphin Piles.



SPECIFICATIONS

Stroke at maximum rated energy	135 in (343 cm)
Maximum rated energy (Setting 4)	89,303 ft-lbs (120.56 kNm)
Setting 3	80,372 ft-lbs (108.50 kNm)
Setting 2	66,084 ft-lbs (89.21 kNm)
Minimum rated energy (Setting 1)	44,651 ft-lbs (60.28 kNm)
<i>(Variable throttle allows for infinite fuel settings)</i>	

Maximum obtainable stroke	150in (381 cm)
Maximum obtainable energy	103,855 ft-lbs (141 kNm)
Speed (blows per minute)	34-53

WEIGHTS (Approximate)

Piston	7,938 lbs (3,600 kg)
Anvil	1,358 lbs (616 kg)
Anvil cross sectional area	367.94 in ² (2373.80 cm ²)
Hammer weight (includes trip device)	17,500 lbs (7,938 kg)
Typical operating (weight with DB26 and H-beam insert)	20,152 lbs (9,141 kg)

CAPACITIES

Fuel tank (runs on diesel or bio-diesel)	17.7 gal (67 liters)
Oil tank	5 gal (19 liters)

CONSUMPTION

Diesel or Bio-diesel fuel	2.64 gal/hr (10 liters/hr)
Lubrication	0.26 gal/hr (1 liters/hr)
Grease	8 to 10 pumps every 20 minutes of operation time.

Optional Variable Throttle Control.



STRIKER PLATE FOR DB 26

Weight	628 lbs (284 kg)
Diameter	22.5 in (57.15 cm)
Area	398 in ² (2567.74 cm ²)
Thickness	6 in (15.24 cm)

CUSHION MATERIAL

Type/Qty	Micarta / 2 each
Diameter-DB26	22.5 in (57.15 cm)
Thickness	1 in (25.4 mm)

Drive Base Assembly.



Type/Qty	Aluminum / 3 each
Thickness	1/2 in (12.7 mm)
Diameter	22.5 in (57.15 cm)
Total Combined Thickness	3.5 in (8.89 cm)
Area	398 in ² (2567.74 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" (305 mm) and 14" (355 mm):	948 lbs (430 kg)
Large pipe insert for sizes 12" to 24" diameter:	1,830 lbs (830 kg)

MINIMUM BOX LEAD SIZE/OPERATING LENGTH

Minimum box leader size	8 in x 26 in (20.32 cm x 66 cm)
Operating length as described above	354 in (900 cm)



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