

APE Model D16-32 Single Acting Impact Hammer

operates on diesel or bio-diesel for all types of impact pile driving

Fits 21 and 26 inch US style box leads.
H-Beam and pipe guiding also available.

MODEL D16-32 (1.6 metric ton ram)



SPECIFICATIONS:

Maximum Rated Energy	39,430 ft/lbs (53, 460 Nm)
Minimum Rated Energy	18,871 ft/lbs (25,585 Nm)
Stroke at Rated Energy	11.17 ft (3.4 m)
Maximum Obtainable Stroke	12.5 ft (3.81 m)
Speed (blows per minute)	37-53

WEIGHTS (Approximate)

Ram	3,527 lb (1,600 kg)
Anvil	754 lbs (342 kg)
Hammer Weight (includes trip device)	8,234 lbs (3,735 kg)
Hammer Weight w/ DB-26 Drive Base	9,938 lbs (4,508 kg)
Typical Operating Weight w/ Drive Cap	Consult Factory

CAPACITIES

Fuel Tank (runs on diesel or bio -diesel)	8.45 gal (32 liter)
Oil Tank	2.37 gal (9 liter)

CONSUMPTION

Diesel or Bio-diesel fuel	1.45 gal/hour (5.5 liter/hour)
Lubrication	.26 gal/hour (1 liter/hour)
Grease	once per 45 minutes of driving time

DIMENSIONS OF HAMMER

a	Length overall	196 in (4,984 mm)
a	Length w/ cylinder extension	219 in (5,570 mm)
a	Length including trip tubes	267 in (6,782 mm)
b	Impact block diameter	17.3 in (440 mm)
c	Width over bolts	22 in (559 mm)
d	Hammer width overall	19 in (483 mm)
e	Width for guiding- face to face	12.5 in (317 mm)
f	Hammer center to pump guard	13.5 in (343 mm)
g	Hammer center to bolt center	13.6 in (345 mm)
h	hammer depth overall	26.2 in (665 mm)
H	Minimum clearance for leads	14.21 in (361 mm)

Features

- Hardened piston needs no high maintenance wear rings*
- Direct drive available for maximum production on steel piles*
- Fuel pump mounted where heat will not harm it*
- Variable mechanical cam fuel pump- no air pistons or rings*
- Optional hydraulic variable fuel remote control*
- Heavy duty trip system for years of fault free operation*
- Chrome rings for super long life*
- Low maintenance and extremely low parts pricing*
- German design at a reasonable price*
- Two year APE warranty*

Full length guides allows extended pile driving out of bottom of leads.



APE Corporate Offices
7032 South 196th
Kent, Washington 98032 USA
(800) 248-8498 & (253) 872-0141
(253) 872-8710 Fax

Visit our WEB site:
www.apevibro.com
e-mail: ape@apevibro.com