

APE Model D8-22 Single Acting Impact Hammer

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

Fits 20 and 26 inch US Style box leads.
H-Beam and pipe guiding also available.



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

MODEL D8-22 (.8 metric ton ram)

SPECIFICATIONS

Maximum Rated Energy	17,657 ft/lbs (23,940 Nm)
Minimum Rated Energy	9,433 ft/lbs (12,790 Nm)
Stroke at Maximum Rated Energy	10.13 ft (3.09 m)
Maximum Obtainable Stroke	10.25 ft (3.12 m)
Speed (blows per minute)	38-52

WEIGHTS (Approximate)

Ram	1,764 lbs (800 kg)
Hammer Weight (includes trip device)	5,119 lbs (2,322 kg)
Hammer Weight w/ DB-26 Drive Base	6,823 lbs (3,095 kg)
Typical Operating Weight w/ Drive Cap	Consult Factory

CAPACITIES

Fuel Tank (runs on diesel or bio -diesel)	5.28 gal (20 liter)
Oil Tank	1.58 gal (6 liter)

CONSUMPTION

Diesel or Bio-diesel Fuel	1.05 gal/hour (4 liter/hour)
Lubrication	.26 gal/hour (1 liter/hour)
Grease	Twice per Day

DIMENSIONS OF HAMMER

a ₁	Length overall	185 in (4,700 mm)
a	Length w/ cylinder extension	218 in (5,539 mm)
a	Length including trip tubes	254 in (6,452 mm)
b	Impact block diameter	13.77 in (350 mm)
c	Width over bolts	15 in (381 mm)
d	Hammer width overall	15.75 in (400 mm)
e	Width for guiding- face to face	12.5 in (317.5 mm)
f	Hammer center to pump guard	13.5 in (343 mm)
g	Hammer center to bolt center	9.5 in (241 mm)
h	Hammer depth overall	24.5 in (622 mm)
H	Minimum clearance for leads	13 in (330 mm)

Features

- Fuel injection designed by APE engineers*
- 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*

We reserve the right to modify specifications without notice.
Contact APE directly for updated literature.



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