

APE Model D46-32

Single Acting Impact Hammer



MODEL D46-32 (4.6 metric ton ram)

SPECIFICATIONS

Maximum Rated Energy	107,172 ft/lbs (145,305 Nm)
Minimum Rated Energy	52,223 ft/lbs (70,855 Nm)
Stroke at Rated Energy	10.5 ft (3.2 m)
Maximum Obtainable Stroke	12.5 ft (3.81 m)
Speed (blows per minute)	37-53

WEIGHTS (Approximate)

Ram	10,141 lbs (4,600 kg)
Anvil	2,270 lbs (1,030 kg)
Hammer Weight (includes trip device)	21,260 lbs (9,644 kg)
Hammer Weight w/ DB-32 Drive Base	24,716 lbs (11,210 kg)
Typical Operating Weight w/ Drive Cap	Consult Factory

CAPACITIES

Fuel Tank (runs on diesel or bio-diesel)	23.5 gal (89 liter)
Oil Tank	4.5 gal (17 liter)

CONSUMPTION

Diesel or Bio-Diesel Fuel	4.2 gal/hour (16 liter/ hour)
Lubrication Oil	.6 gal/hour (2.3 liter/hour)
Grease	twice per day

DIMENSIONS OF HAMMER

a	Hammer Length Overall	208 in (5,286 mm)
a	Length w/ cylinder extension	247 in (6,284 mm)
a	Length over Trip Tubes	307 in (7,808 mm)
b	Impact block diameter	27.2 in (691 mm)
c	Width over bolts	34.6 in (879 mm)
d	Hammer width overall	28.3 in (719 mm)
e	Width for guiding- face to face	25.2 in (640 mm)
f	Hammer center to pump guard	17.9 in (455 mm)
g	Hammer center to bolt center	10.8 in (274 mm)
h	Hammer depth overall	31.6 in (803 mm)
H	Minimum clearance for leads	19.7 in (500 mm)

Features

- Fuel injection designed by APE engineers*
- Hardened piston needs no high maintenance wear rings*
- Optional direct drive for high speed 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*



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

02/06