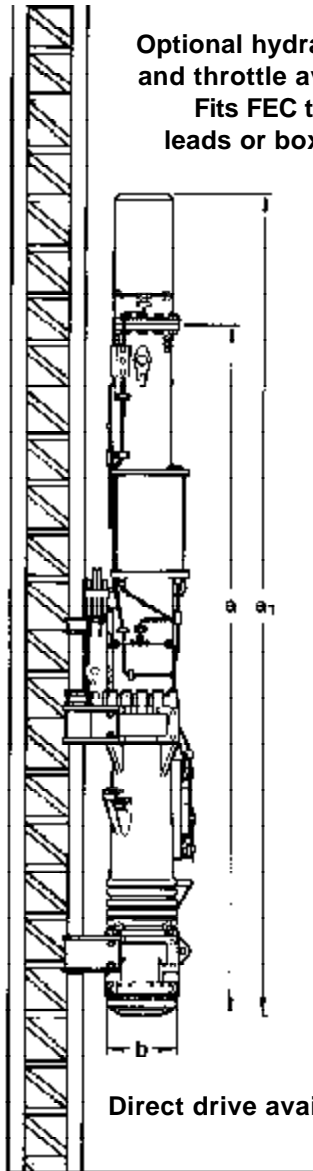


APE/SEMW Model D30-32 Single Acting Impact Hammer

German technology and ISO 9001 quality



MODEL D30-32 (3.0 metric ton ram)

(APE offers diesel hammers with ram weights up to 22,000 lbs.)

SPECIFICATIONS

Maximum rated energy	69,898 ft-lbs
Minimum rated energy	35,383 ft-lbs
Stroke at rated energy	10 feet 6 inches
Maximum obtainable stroke	12 feet 5 inches
Speed (blows per minute)	36-52

WEIGHTS

Ram	6,615 lbs
Avil	1,360 lbs
Hammer weight (includes trip device)	12,155 lbs
Typical operating (weight with drive cap)	14,600 lbs

striker plate	— STRIKER PLATE	
	Weight ($D^2 \times 3.14/4 \times 6 \times .283 =$)	675 lbs
	Diameter	22.5 inches
	Thickness (the 6 in above equation is thickness of plate)	6 inches

cushion	— CUSHION MATERIAL	
	Type	Monocast MC 901
	Diameter	22.5 inches
	Thickness	2 inches
	Elastic-Modulus	285 kips per square inch
	Coeff. of Restitution	.8

drive cap	— DRIVE CAP (HELMET)	
	Weight (fits 8 by 26" leads)	1,166 lbs
	Note: if using 32 inch leads the drive cap will weigh:	1,550 lbs

insert	— DRIVE CAP INSERT WEIGHT	
	Square box inserts size 10" through 20 inch:	1,400 lbs
	Pipe inserts for pipe size 12" to 24" diameter:	2,545 lbs

CAPACITIES

Fuel tank (runs on diesel or bio-diesel)	17.70 gal
Oil tank	2.4 gal

CONSUMPTION

Diesel or Bio-diesel fuel	2.64 gal/hr
Lubrication oil	0.26 gal/hr
Grease:	Grease twice per day or after 45 minutes of continuous driving

DIMENSIONS OF HAMMER

a	Length overall	207.1 inches
a	Length over cylinder extension	246.4 inches
b	Impact block diameter	22.0 inches
c	Width over bolts	30.7 inches
d	Hammer width overall	28.3 inches
e	Width for guiding- face to face	21.2 inches
f	Hammer center to pump guard	15.9 inches
g	Hammer center to bolt center	9.2 inches
h	Hammer depth overall	28.1 inches
H	Minimum clearance for leads	19.7 inches



Corporate Offices
7032 South 196th
Kent, Washington 98032 USA
(800) 248-8498 & (253) 872-0141
(253) 872-8710 Fax 10/99

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