

APE X13 Hydraulic Impact Hammer

X13 in Coos Bay Oregon



MODEL X13

SPECIFICATIONS

Maximum obtainable stroke	60 in (152.4 cm)
Maximum obtainable energy	65,00 ft-lbs (88,128 Nm)
Speed (blows per minute)	28-75

WEIGHTS

Ram	13,000 (5,896.7 kg)
Anvil	1,937 lbs (878.6 kg)
Anvil cross sectional area	367.1 sq in (2,367.7 sq-cm)
Hammer weight	25,000 lbs (11,339.8 kg)
Typical operating (weight with DB26 and H-beam insert)	28,928 lbs (13,121 kg)

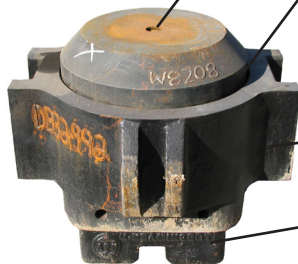
CONSUMPTION

Grease	8 to 10 pumps every 45 minutes of operation time.
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HAMMER ADVANTAGES

- Lower end pre-compression for pile pre-load
- Pre-load in excess of diesel hammers
- Proven diesel hammer bottom end technology
- Proven ape low-headroom cylinder technology
- Reliable ape sled & trip valve system
- Industry-leading j&m all-hydraulic control head
- No electrical control wires

Drive Base Assembly



STRIKER PLATE FOR DB 26

Weight	628 lbs (284 kg)
Diameter	22.5 in (57.15 cm)
Area	471 sq-in (696 sq-cm)
Thickness	6 inches (15.24 cm)

CUSHION MATERIAL

Type/Qty	Micarta/4 ea
Diameter-DB26	22.5 in (57.15 cm)
Thickness	1 in (25.4 mm)
Type/Qty	Aluminum/6 ea
Thickness	1/2 in (12.7 mm)
Diameter	22.5 in (57.15 cm)
Total Combined Thickness	7 inches (17.78 cm)
Area	471 sq-in (696 sq-cm)
Elastic-modulus	285 ksi (1,965 mpa)
Coeff. of restitution	.8

DRIVE CAP

DB 26 Deep Well:	1,700 lbs (7,711 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 (3.14 cm x 66 cm)
Operating length as described above	354 in (9 m)



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