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Tac	DIE I. K	ecom	ime	nae	a S12	zes (DI H	amn	her for I	Jriving variou	
	T	vpes	of F	Piles	s† (T	able	19-	4 . T	ext)		
	Length	Los y Saint	<u>.</u>	Wei	ght of var	ious types	of piles (I	b/lin ft)	and summits		
	of	Depth of penetra-	2000.00	Steel She	et‡	Timber		Con	crete		
	(ft)	tion	20	30	40	30	60	150	400		
	atta	Driving through ordinary earth, moist clay, and loose gravel, normal frictional resistance									
	25	unsis la fio	2.000	2.000	3.600	3,600	7.000	7.500	15.000		
	· .set.plit	Full	3,600	3,600	6,000	3,600	7,000	7,500	15,000		
	50	2	6,000	6,000	7,000	7,000	7,500	15,000	20,000		
	75	1 run	7,000	7,000	7,500	7,500	12,000	15,000	20,000		
	which	Full	nik <u>ca</u> el	-	12,000	blo <u>it</u> oid	15,000		30,000		
	Drivin	ig through s	tiff clay,	compact	ed sand, a	nd gravel,	high frict	tional resi	tance		
	25	1	3,600	3,600	3,600	7,500	7,500	7,500	15,000		
	S. LAWY	Full	3,600	7,000	7,000	7,500	7,500	12,000	15,000		
	50	10-1 <u>1</u>	7,000	7,500	7,500	12,000	12,000	15,000	25,000		
	75	Full		7,500	7,500	반: 변화	15,000		30,000		
	but this	Full			15,000	he -m	20,000	dia-u	50,000		
	*Size expr	essed in foot-p	ounds of e	nergy per l driving two	blow. 5 steel sheet	t piles simul	taneously. I	n driving si	rele piles.		
	*The indic	aled energy is	Outpear out	out a state a set							

	ENCE 420 ©Assakkaf							
WORKING SPECIFICATIONS								
Rated energy 42,000 ft-lbs (58	07 kg-mD							
Minimum energy 16,000 ft-lbs (22	12 kg-m)							
Stroke at rated energy 10'-3"	(312 cm)							
Maximum obtainable stroke	(318 cm)							
Speed (blows per minute)	37-55							
Bearing based on EN formula 210 tons (1	90 tons)							
WEIGHTS Bare hammer	3452 kg)							
Ram4,088 lbs (1854 kg)							
Anvil545 lbs	(247 kg)							
Typical operating weight with cap	3950 kg)							

CHAPTER 19. PILES AND PILE-DRIVING EQUIPMENT	Slide No. 72							
A. A.	ENCE 420 ©Assakkaf							
HAMMED SDEC'S								
DIMENSIONS OF HAMMER								
Width (side to side)	20" (508 cm)							
Depth								
Centerline to front	13 3/4" (349 mm)							
Centerline to rear	15 1/4" (387 mm)							
Length (hammer only)	16'-1" (490 cm)							
Operating length (top of ram to top of pile)	27'-9" (846 cm)							