



HAMMER & STEEL, INC.

Piling • Pile Driving Equipment • Drilling Equipment

Model 15 HS Vibratory Driver / Extractor System

Tier III and Tier IV Final options available

Vibrator	
Eccentric Moment	1500 in-lbs
Drive Force	58 tons
Frequency Maximum (vpm)	1650 vpm
Max Line Pull	35 tons
Hammer Weight with Standard Clamp	6100 lbs
Throat Width	13 in
Length	68 in
Clamp Force	85 tons
Amplitude	.99 in

Power Unit	
Engine Type	John Deere 6068 HF 485 Tier III
Horse Power	215 HP
Drive Pressure	4000 psi
Drive Flow	80 gpm
Speed	2400 rpm
Weight	6400 lbs
Length	126 in
Width	48 in
Height	77 in
Hydraulic Reservoir	150 gallons

Model 26 HS Vibratory Driver / Extractor System

Vibrator	
Eccentric Moment	2600 in-lbs
Drive Force	95 tons
Frequency Maximum (vpm)	1600 vpm
Max Line Pull	55 tons
Hammer Weight with Standard Clamp	9,650 lbs
Throat Width	14 in
Length with Clamp	86 in
Amplitude	.99 in

Power Unit	
Engine Type	CAT C9 Tier III
Horse Power	350 HP
Drive Pressure	5000 psi
Drive Flow	107 gpm
Clamp Pressure	5000 psi
Speed	1845 rpm
Weight	12000 lbs
Length	129 in
Width	60 in
Height	89 in
Hydraulic Reservoir	300 gallons
Fuel Capacity	130 gallons



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Model 44 HS Vibratory Driver / Extractor System

Vibrator	
Eccentric Moment	4400 in-lbs (50.69 kgm)
Drive Force	180 tons
Frequency Maximum (vpm)	0–1700 vpm
Max Line Pull	86 tons
Hammer Weight with Standard Clamp	17,500 lbs
Throat Width	14.75 in

Power Unit	
Engine Type	Caterpillar C15 Tier III
Horse Power	575 HP
Drive Pressure	0–5000 psi
Drive Flow	Consult Factory
Clamp Pressure	5000 psi
Clamp Flow	Consult Factory
Speed	Consult Factory
Weight	17,000 lbs
Length	162 in
Width	73 in
Height	94 in
Hydraulic Reservoir	Consult Factory
Fuel Capacity	Consult Factory

Model 50 HS-2 Vibratory Driver / Extractor System

Vibrator	
Eccentric Moment	4400 in-lbs (50.69 kgm)
Drive Force	180 tons
Frequency Maximum (vpm)	0–1700 vpm
Max Line Pull	86 tons
Hammer Weight with Standard Clamp	17,500 lbs
Throat Width	14.75 in

Power Unit	
Engine Type	Caterpillar C15 Tier III
Horse Power	575 HP
Drive Pressure	0–5000 psi
Drive Flow	Consult Factory
Clamp Pressure	5000 psi
Clamp Flow	Consult Factory
Speed	Consult Factory
Weight	17,000 lbs
Length	162 in
Width	73 in
Height	94 in
Hydraulic Reservoir	Consult Factory
Fuel Capacity	Consult Factory



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Model 58 HS Vibratory Driver / Extractor System

Vibrator	
Eccentric Moment	5800 in-lbs
Drive Force	199 tons
Frequency Maximum (vpm)	1600 vpm
Max Line Pull	70 tons
Hammer Weight with Standard Clamp	20,000 lbs
Throat Width	15 in
Length	126 in
Clamp Force	178 tons
Amplitude	1 in

Power Unit	
Engine Type	CAT C 15 Tier III
Horse Power	595 HP
Drive Pressure	5000 psi
Drive Flow	150 gpm
Clamp Pressure	5000 psi
Speed	2100 rpm
Weight	17,000 lbs
Length	162 in
Width	73 in
Height	94 in
Hydraulic Reservoir	380 gallons
Fuel Capacity	250 gallons



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Model HS-6600 Vibratory Driver / Extractor System

Vibrator	
Eccentric Moment	6,600 in-lbs (7620 kg-cm)
Frequency	1,600 vpm (1600 vpm)
Centrifugal Force	240 tons (2135 kN)
Amplitude (Free Hanging)	1.23 in (32 mm)
Max Line Pull For Extracting (Variable)	80 tons (710 kN)
Weight (No Clamps or Hoses)	15,250 lbs (6920 kg)
Non-Vibrating Weight	4,550 lbs (2065 kg)
Height (Without Clamp)	100 in (2540 mm)
Length	97 in (2465 mm)
Width	22 in (560 mm)
Throat Width	14.25 in (360 mm)
Hydraulic Hose Length	150 ft (45 m)
Hydraulic Hose Weight	2,250 lbs (1020 kg)

Power Unit	
Engine	Caterpillar 3412TA
Power	750 HP (596 kW)
Operating Speed	1,900 rpm (1900 rpm)
Drive Pressure	5,500 psi (380 bar)
Drive Flow	237 gpm (897 lpm)
Clamp Pressure	5,500 psi (380 bar)
Clamp Flow	6.5 gpm (25 lpm)
Weight (with Full Fluid & Fuel)	22,400 lbs (10,160 kg)
Length	186 in (4725 mm)
Width	66 in (1675 mm)
Height	101 in (2565 mm)
Hydraulic Reservoir	550 gal (2080 l)
Fuel Capacity	240 gal (910 l)

Hydraulic Clamps				
	Standard Universal Clamp	Concrete Clamp	Casing Clamps w/ 7' Beam	Casing Clamps w/11' Beam
Clamping Force	200 tons (1780 kN)	175 tons (1560 kN)	250 tons (2225 kN)	250 tons (2225 kN)
Weight	3,000 lbs (1361 kg)	11,000 lbs (4990 kg)	5,300 lbs (2404 kg)	7,960 lbs (3610 kg)
Length	57 in (1448 mm)	77 in (1955 mm)	110 in (2795 mm)	150 in (3810 mm)
Width	15 in (381 mm)	34 in (865 mm)	13 ¾ in (350 mm)	17 in (435 mm)
Height	37 ¾ in (970 mm)	73 ½ in (1870 mm)	33 ½ in (850 mm)	43 in (1095 mm)