

ICE® Model 1412D with 950G Power Unit Vibratory Driver/ Extractor



Highest centrifugal force (280 tons, 2475 kN) in its class

800HP (597 kW) CAT C18 Tier 3 (Stage IIIA) engines meet all EPA & EU emission regulations

Up to 225 ton (2002 kN) line pull for extraction

Full range of clamps available for sheet piling, H-Beams, pipe & caissons including quad caisson clamps.

Adaptable for underwater operation.

Remote-control pendant for vibrator and clamp with emergency stop.

Engine speed control for fuel efficiency.

Maximum efficiency and reliability ensured by our open-loop hydraulic system.

Highest quality, reliable piston pumps and motors.

Environmentally friendly, Chevron Clarity® non-toxic, biodegradable hydraulic oil.

ICE® 1412D Vibratory Driver/ Extractor

Eccentric Moment	10,000 in-lbs	115.2 kg-m
Frequency	1400 vpm	
Centrifugal Force	280 tons	2475 kN
Amplitude	1.3 in	33 mm
Line Pull for Extracting	225 tons	2000 kN
Clamps	385, 10' beam with 2x142BH	
Non-vibrating Weight	10400 lbs	4720 kg
Weight (no clamp or hoses)	25750 lbs	11700 kg
Height without clamp (H)	149 in	3784.6 mm
Length (L)	96 in	2425 mm
Width (W)	42 in	1070 mm
Throat width (TW)	32 in	813 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	2400 lbs	1088 kg
Height with sheeting clamp (HH)	195 in	4940 mm
Weight with sheeting clamp & 1/2 hoses	32000 lbs	14480 kg
Height with beam & caisson clamps	200 in	5040 mm
Weight with beam, caisson clamps & 1/2 hoses	37200 lbs	16800 kg

ICE® 950G Power Unit

Engine	CAT C18 Tier 2	
Power	800 HP	597 kW
Operating speed	1800 rpm	1800 rpm
Maximum motors pressure	5550 psi	380 bar
Motors flow (no load)	235 gpm	900 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	21 lpm
Weight (w/ full fluid & 1/2 fuel)	26500 lbs	12020 kg
Length	218 in	5540 mm
Width	80 in	2035 mm
Height	104 in	2630 mm
Hydraulic oil capacity	550 gal	2080 liters
Fuel Capacity	200 gal	750 liters



Designed and manufactured in USA by ICE®

World leader in cost-effective foundation equipment since 1974.