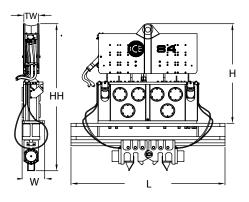
## ICE<sup>®</sup> Model 84C Hydraulic Vibratory Driver/ Extractor with Model 800T Power Unit



Design provides large eccentric moment (8,200 in-lbs, 94 kg-m) for the toughest driving and extracting jobs. 800 HP (597 kW) CAT C18 meets EPA Tier 4/EU Stage IV engine emission regulations Up to 95 tons (845 kN) line pull for extraction.







Eccentric moment8200in-bs95kg-mMaximum frequency344tons3000KNCentrifugal force333tons2995KNAmplitude (free w/o clamp)114ino37mmStandard line pull for extracting125tons1125KNMaximum line pull for extracting125tons1202KNWeight (no clamp or hoses)1590bs2740kgNon-vibrating Weight4500km2485mmHeight without clamp (H)1011ino2485mmMidth (W)2121ino3202mmItroat width (TW)1425ino3262mmHydraulic hose length1010ino3202inoHeight with sheeting clamp (H)147ino3202inoWeight with sheeting clamp (H)147ino3202inoHeight with sheeting clamp (H)147ino3202inoWeight with sheeting clamp (H)147ino3202inoWeight with sheeting clamp (H)147ino3202inoHeight with sheeting clamp (H)147ino3202inoWeight with sheeting clamp (H)147ino3202inoWeight with sheeting clamp (H)147ino3202inoHeight with sheeting clamp (H)147inoinoinoMotor Sheeting Clamp (H)147inoinoinoMuthem (	ICE Model 84C Vibratory Pile Har	nmer				
Driving Force344tons3060kNCentrifugal force335tons2995kNAmplitude (free w/o clamp)1.4in37mmStandard line pull for extracting95tons850kNMaximum line pull for extracting125tons1125kNWeight (no clamp or hoses)15960Ls2740kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in362mmHydraulic hose length150ft466mHydraulic hose length150lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp (HH)147in3880mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam, caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hose27300lbs1285Power8000HP557kNjmPower8000HP557kNOperating speed1800rpmimimMaximum motors pressure5000gmimimMaximum motors pressure4500jmimimMaximum motors pressure4500jmimimGlamp	Eccentric moment	8200	in-lbs	95	kg-m	
Centrifugal force335tons2995kNAmplitude (free w/o clamp)1.4i.n37mmStandard line pull for extracting95tons850kNMaximum line pull for extracting125tons1125kNWeight (no clamp or hoses)15960bs240kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in530mmThroat width (TW)1425in362mmHydraulic hose length150ft466mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720kgWeight with sheeting clamp & 1/2 hoses27300lbs1285kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps153in3880inWeight with beam, caisson clamps27300lbs1285kgPower800FP597kWOperating speed1800rpm345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow66gpm310barMaximum motors pressure4500jsi310jsiClamp flow	Maximum frequency	1700 vpm				
Amplitude (free w/o clamp)1.4in37mmStandard line pull for extracting95tons850kNMaximum line pull for extracting125tons1125kNWeight (no clamp or hoses)15960bs2070kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in362mmThroat width (TW)14.25in362mmHydraulic hose length150ft466mHydraulic hose length147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1090kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses1230lbs1225kgICE Model 800T Power UnitIter4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi3145barClamp pressure4500los12020kgClamp flow6gpm2010kmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength26500k512020kgkgMotors flow (no load)2550in6350mm<	Driving Force	344	tons	3060	kN	
Standard line pull for extracting99tons850kNMaximum line pull for extracting125tons1125kNWeight (no clamp or hoses)15900bs2070kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)1010in2550mmLength (L)98in2485mmWidth (W)211in362mmThroat width (TW)14.25in362mmHydraulic hose length1500ft466nHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1285kgHeight with beam, caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit1180rpm1800rpmPower8000HP597kWkMOperating speed1800rpm1800rpmMaximum motors pressure5000psi3145painMotors flow (no load)235gpm900lpmClamp flow6gpm2010lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength26500lbs12020kgMaximum motors pressure400gpm310<	Centrifugal force	335	tons	2995	kN	
Maximum line pull for extracting125tons1125kNWeight (no clamp or hoses)15960lbs7240kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft46nHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1030kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitE1125kgIVPower800HP597kWkgOperating speed1800rpm1800rpmMaximum motors pressure5000psi310parMotors flow (no load)235gpm900lpmClamp flow6gpm2020lpmkgWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength26500lbs12020kgkgHeight104104in2630inminmMaximum motors pressure5000lbs </td <td>Amplitude (free w/o clamp)</td> <td>1.4</td> <td>in</td> <td>37</td> <td>mm</td>	Amplitude (free w/o clamp)	1.4	in	37	mm	
Weight (no clamp or hoses)15960Jos7240kgNon-vibrating Weight4560lbs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft466nHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1030kgHeight with beam, caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEngineCattery Unit1800rpm1800rpmPower880HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi3145barMotors flow (no load)235gpm900lpmClamp flow6gpm2020kgkgLength (w/ full fluid & 1/2 fuel)26500lbs12020kgLength26500ka12020kgkgLength26500ka12020kgkgMaximum flow26500ka12020kgLength26500k	Standard line pull for extracting	95	tons	850	kN	
Non-vibrating Weight4560bs2070kgHeight without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft46nHydraulic hose weight2400bs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1030kgHeight with beam, caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEIIStageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp flow6gpm201lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020Weight (w/ full fluid & 1/2 fuel)26500lbs12020Height104in2630mmHeight104in2630mmHeight104in2630immHeight104in2630gmmHeight104in2630gmmHot	Maximum line pull for extracting	125	tons	1125	kN	
Height without clamp (H)101in2550mmLength (L)98in2485mmWidth (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft46mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1030kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEIIYYPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength205in6350mmWidth83in2110mmHeight104in2630inmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength205in6350mmWidth83in2110inmHeight104in2630inmHoto	Weight (no clamp or hoses)	15960	lbs	7240	kg	
Length (L)98in2485mmWidth (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft46mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs1030kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit1275kWPowerStageIVStageIVPower1800rpm1800rpmMaximum motors pressure5000psi345jarMotors flow (no load)235gpm900lpmClamp pressure4500psi310jarWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength2450in6350mmWidth883in2110mmHeight104in26300kmjarWeight (w/ full fluid & 1/2 fuel)26500ibs12100kmHeight104in26300in6350inHeight104in26300in6350inHotor flow250in6350ininHotor flow250 <t< td=""><td>Non-vibrating Weight</td><td>4560</td><td>lbs</td><td>2070</td><td>kg</td></t<>	Non-vibrating Weight	4560	lbs	2070	kg	
Width (W)21in530mmThroat width (TW)14.25in362mmHydraulic hose length150ft46mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit1111stageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi310barClamp pressure4500psi310barClamp flow2550lbs12020kgLength26500lbs12100kgHeight1014in2630kmWeight (w/ full fluid & 1/2 fuel)2650lbs12100Kithh883in21100mmHeight104in2630kmWidth883in2110inmHeight104in2630kmWidth883in2110inmHeight104in2630kmMaximum motors pressure550gal2080Kithh1210kgkg <td>Height without clamp (H)</td> <td>101</td> <td>in</td> <td>2550</td> <td>mm</td>	Height without clamp (H)	101	in	2550	mm	
Throat width (TW)14.25in362mmHydraulic hose length150ft46mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit11674StageIVEngineCaterpilar CII*IVStageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp flow6gpm200lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength2550in6350mmWidth83in2110mmHeight104in2630inm	Length (L)	98	in	2485	mm	
Hydraulic hose length150ft46mHydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit11001200kg1285kgICE Model 800T Power Unit11011101110111011101Power800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp flow6gpm200lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength205in6350mmWidth83in2110mmHeight104in2630im	Width (W)	21	in	530	mm	
Hydraulic hose weight2400lbs1090kgHeight with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power Unit27300lbs12285kgEPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength26500lbs12020kgHeight104in2630mmWidth83in2110mmHeight104in2630mmHotoric oil capacity550gal2080liters	Throat width (TW)	14.25	in	362	mm	
Height with sheeting clamp (HH)147in3720mmWeight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEngineCaterpiller CINEPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barClamp pressure4500psi310barClamp flow6gpm200lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630lters	Hydraulic hose length	150	ft	46	m	
Weight with sheeting clamp & 1/2 hoses22910lbs10390kgHeight with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEngineCaterpillar C18EPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630mm	Hydraulic hose weight	2400	lbs	1090	kg	
Height with beam & caisson clamps153in3880mmWeight with beam, caisson clamps & 1/2 hoses27300lbsl2285kgICE Model 800T Power UnitEngineCarerillationEPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630liters	Height with sheeting clamp (HH)	147	in	3720	mm	
Weight with beam, caisson clamps & 1/2 hoses27300lbs12285kgICE Model 800T Power UnitEngineCaterpilar C1EPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength205in6350mmWidth883in2110mmHeight104in2630km	Weight with sheeting clamp & 1/2 hoses	22910	lbs	10390	kg	
ICE Model 800T Power UnitEngineCaterpillar C18EPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630liters	Height with beam & caisson clamps	153	in	3880	mm	
EngineCarterpiller C18EPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900IpmClamp pressure4500psi310barClamp flow6gpm20IpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength2050in6350mmWidth833in2110mmHeight104in2630km	Weight with beam, caisson clamps & 1/2 hoses	27300	lbs	12285	kg	
EPA/EU Emissions ratingTier4StageIVPower800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth833in2110mmHeight104in2630liters	ICE Model 800T Power Unit					
Power800HP597kWOperating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth833in2110mmHeight104in26300liters	Engine	Caterpillar C18				
Operating speed1800rpm1800rpmMaximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth833in2110mmHeight104in2630liters	EPA/EU Emissions rating	Tier	4	Stage	IV	
Maximum motors pressure5000psi345barMotors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630liters	Power	800	HP	597	kW	
Motors flow (no load)235gpm900lpmClamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630liters	Operating speed	1800	rpm	1800	rpm	
Clamp pressure4500psi310barClamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630liters	Maximum motors pressure	5000	psi	345	bar	
Clamp flow6gpm20lpmWeight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630mmHydraulic oil capacity550gal2080liters	Motors flow (no load)	235	gpm	900	lpm	
Weight (w/ full fluid & 1/2 fuel)26500lbs12020kgLength250in6350mmWidth83in2110mmHeight104in2630mmHydraulic oil capacity550gal2080liters	Clamp pressure	4500	psi	310	bar	
Weight (w/ full fluid & 1/2 fuel) 26500 lbs 12020 kg   Length 250 in 6350 mm   Width 83 in 2110 mm   Height 104 in 2630 mm   Hydraulic oil capacity 550 gal 2080 liters	Clamp flow	6	gpm	20	lpm	
Width83in2110mmHeight104in2630mmHydraulic oil capacity550gal2080liters	Weight (w/ full fluid & 1/2 fuel)			12020	kg	
Height104in2630mmHydraulic oil capacity550gal2080liters	Length	250	in	6350	mm	
Hydraulic oil capacity550 gal2080 liters	Width	83	in	2110	mm	
	Height	104	in	2630	mm	
Fuel Capacity215gal800liters	Hydraulic oil capacity	550	gal	2080	liters	
	Fuel Capacity	215	gal	800	liters	

## Designed and manufactured in USA by $ICE^{\ast}$

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