

# HTE Rental Services

**Diesel Portable Compressors**

**High Pressure Pipeline Compressors**

**Electric Portable Compressors**

**Electric Stationary Compressors**

**Air Dryers**

**Compressor Accessories**

**Generators**

**Water Chillers**

**Heaters**

**Air Conditioners**

The logo for HTE Rental Services features the letters 'HTE' in a bold, white, sans-serif font. To the right of 'HTE' is a stylized arrow graphic composed of two overlapping shapes: a blue one on top and a red one on the bottom, both pointing to the right. Below the 'HTE' and arrow graphic, the words 'RENTAL SERVICES' are written in a smaller, white, sans-serif font.

**HTE**   
RENTAL SERVICES



## PORTABLE ELECTRIC COMPRESSORS

### EMERGENCY / SHORT-TERM RENTALS

Compressed air plays a critical role in many industrial activities, and is often referred to as the 4th Utility. Whenever your machine is down for repair or maintenance, or when plant production demands more air than you have, HTE Rental Power Services can help you maintain your production numbers with our 24/7 support and on-site emergency service by factory trained technicians. We have a large selection of rental air compressors including electric and diesel machines.

For applications requiring dry air, our after-cooled machines, air dryers, and filter sets ensure that you receive the pressure you need, and the quality you require.

*We have everything you'll need for using clean, dry, compressed air:*

**Compressors > Dryers  
Coolers > Hoses > Valves  
Regulators > Fittings  
Receivers > Fuel Tanks**



*It doesn't matter what industry you are in,  
HTE Rental Power Services can deliver.*

STANDARD PRESSURE ELECTRIC DRIVEN COMPRESSORS					
	MODEL NUMBER				
SPECIFICATIONS	SP100 ECC	SP200 ECC	SP300 ECC	SP400 ECC	SP450 ECC
Capacity - ACFM	440 CFM	750 CFM	1150 CFM	1490 CFM	1600 CFM
Operating Pressure Range	70-150 PSI	70-150 PSI	70-150 PSI	70-150 PSI	70-150 PSI
3 Phase Voltage/HP	480/100 HP	480/200 HP	480/300 HP	480/400 HP	480/450 HP
Circuit Breaker	200 Amps	400 Amps	800 Amps	800 Amps	800 Amps
Overall Length	92"	127"	127"	161"	161"
Overall Height	78"	96"	96"	105"	105"
Overall Width	45"	71"	71"	87"	87"
Shipping Weight (Wet)	3,960 lbs.	7,600 lbs.	8,500 lbs.	14,500 lbs.	15,750 lbs.



## PORTABLE TIER IV DIESEL 485 HP COMPRESSORS

**SmartEquip**



### FEATURES

- Large Service Doors for Easy Maintenance
- Dual Air Outlets (with Aftercooler option)
- NEW! Electronic Controllers
- Digital Readouts:
  - Compressor temperature
  - Engine oil pressure
  - Engine temperature
  - Voltmeter
  - Tachometer
  - Fuel level - low fuel warning and shutdown
  - Complete engine diagnostic tool
  - Measurement converter
  - Waterproof up to six feet

# 485 HP Tier IV

- Exclusive Three-Year Warranty
- Automatic 0 to 100% Capacity Control
- Oil Level Sight Gauge
- Steel Fuel Tank
- Four Point Lifting Bail
- Dual Axle Running Gear
- Electric Brakes
- Adjustable 3" Lunette Eye
- Noise Level Limited to Maximum of 76 dBA at 7 Meters
- Automatic Shutdown and Protection System
- Direct Drive
- Containment Base
- Options:
  - Built-In Aftercooler and Filters
  - Hydraulic Brakes



TIER IV - STANDARD PRESSURE DIESEL DRIVEN COMPRESSORS		
MODEL NUMBER		
SPECIFICATIONS	DP1600 PHCA	DP1800 PCA
Capacity - ACFM	1600	1800
Maximum Operating Pressure	70-150 PSI	
Engine Type	Tier IV	
Engine HP	465	
Engine Cylinders	6	
Engine Brand	Caterpillar	
Engine Model	C15 Tier 4	
RPM	1800	
Battery Rating	24 Volts	
Total Oil Capacity	19 gal.	
Fuel Tank Capacity	224	
Ambient Operating Temp	-40 °F to +125 °F	
Air Service Connection	3" NPT	
Overall Length	250"	
Overall Height	114.5"	
Overall Width	90"	
Shipping Weight (Wet)	20,000 lbs.	

1.800.444.4831

www.hterentalservices.com



## PORTABLE DIESEL COMPRESSORS

**EVERY HOUR**  
**EVERY DAY**



### Reliability, Low Operating Cost

- Corrosion resistant galvanized steel enclosure
- Extra large service doors for easy maintenance
- Aluminized fuel tank resists corrosion
- Heavy-duty chassis and drawbar for stable towing
- 24 Volt, maintenance-free battery system (2300 to 2800 CCA)



STANDARD PRESSURE DIESEL DRIVEN WHEEL MOUNTED PORTABLE COMPRESSORS						
MODEL NUMBER						
SPECIFICATIONS	D300PDHJD	D375PDJD	D900PHCU	D1150PVHCU	D1600PHCU	D1800PCA
Capacity - ACFM	300	375	900	1150	1600	1800
Operating Pressure Range	70-200 PSI	70-165 PSI	70-150 PSI	250-350 PSI	70-150 PSI	70-125 PSI
Engine Brand	John Deere	John Deere	Cummins	Cummins	Cummins	Cummins
Engine Model	4045HF285 (Tier 3)	4045HF285 (Tier 3)	QSC 8.3 (Tier 3)	QSX 15 (Tier 3)	QSX 15 (Tier 3)	C15ACERT (Tier 3)
Overall Length	145"	145"	199.5"	257.2"	257.2"	257.2"
Overall Height	62"	62"	94.5"	100.6"	100.6"	100.6"
Overall Width	55"	55"	76.5"	92.6"	92.6"	92.6"
Shipping Weight (Wet)	3,500 lbs.	3,500 lbs.	9,000 lbs.	17,500 lbs.	19,000 lbs.	19,000 lbs.



## PORTABLE PIPELINE COMPRESSORS

Construction of pipelines creates severe demands on compressor equipment. The often hostile environment produces heat, dust, and other challenges for compressors. The HTE Rental Services team includes a high level of service support with experienced, readily available field technicians who will keep your system running to your requirements.

The fully equipped systems we deliver on a convenient step-deck for remote field applications can include a 1,200 gallon fuel cell, hose, etc., and your choice of any of these compressor capacities:

### STANDARD PRESSURE

- \*150 PSI and 1,600 CFM
- \*Desiccant Dryers - 150 PSI at 1,550 CFM

### MEDIUM PRESSURE

- \*350 PSI and 1150 CFM
- \*Desiccant Dryers - 350 PSI at 1350 CFM

### MEDIUM-HIGH PRESSURE

- \*500 PSI at 900 CFM

### HIGH PRESSURE

- \*1,500 PSI at 1,200 CFM





# CHILLERS, GENERATORS, AIR CONDITIONERS, HEATERS

## RENTAL CHILLERS



RENTAL WATER CHILLERS				
SIZE	DIMENSIONS (L x W x H)	WEIGHT	CONNECTIONS	ELECTRICAL REQUIREMENTS
30 Ton	82" x 89" x 82"	4,000 lbs.	3" Victaulic	65 Amps, 480 VAC Camlock, 4 Wire
60 Ton	131" x 95" x 92"	6,300 lbs.	3" Victaulic	120 Amps, 480 VAC Camlock, 4 Wire
125 Ton	231" x 88" x 89"	9,400 lbs.	6" Victaulic	253 Amps, 480 VAC Camlock, 4 Wire
200 Ton	53" x 96" x 103"	13,784 lbs.	6" Victaulic	414 Amps, 480 VAC Camlock, 8 Wire
325 Ton	360" x 96" x 164"	40,000 lbs.	6" Victaulic	658 Amps, 480 VAC Camlock, 8 Wire
400 Ton	540" x 96" x 155"	40,000 lbs.	6" Victaulic	612 Amps, 480 VAC Camlock, 8 Wire

## RENTAL GENERATORS

RENTAL GENERATORS				
SIZE	FUEL CAPACITY	GPH	DIMENSIONS	WEIGHT
20kW	47 Gal.	1.53	78" x 32"	2,400 lbs.
30kW	56 Gal.	2.08	96" x 44"	3,600 lbs.
60kW	149 Gal.	4.27	144" x 44"	4,900 lbs.
100kW	190 Gal.	7.2	124" x 74"	5,800 lbs.
125kW	223 Gal.	9	165" x 45"	10,000 lbs.
175kW	264 Gal.	10	146" x 45"	6,900 lbs.
200kW	306 Gal.	14	158" x 44"	14,000 lbs.
230kW	400 Gal.	13	171" x 59"	13,690 lbs.
300kW	470 Gal.	20	200" x 61"	17,000 lbs.
400kW	470 Gal.	25	200" x 61"	17,000 lbs.
500kW	660 Gal.	30	20' x 8'	32,000 lbs.
600kW	428 Gal.	30	20' x 8'	32,000 lbs.
750kW	1,250 Gal.	55	40' x 8'	39,500 lbs.
800kW	1,000 Gal.	42	30' x 8'	38,000 lbs.
1,000kW	1,250 Gal.	70	40' x 8'	49,000 lbs.
1,250kW	1,250 Gal.	95	40' x 8'	50,000 lbs.
1,500kW	1,250 Gal.	95	40' x 8'	59,000 lbs.
1,750kW	1,250 Gal.	127	40' x 8'	64,000 lbs.
2,000kW	1,250 Gal.	127	40' x 8'	89,000 lbs.



ENGINEERING DATA	
Tons (Fluid) =	$\frac{\text{GPM} \times 500 \text{ sp. heat} \times \text{sp. gravity} \times \text{DT}}{12,000}$
Tons (Air) =	$\frac{\text{CFM} \times 4.45 \times \text{Dh (enthalpy)}}{12,000}$
kW Heat (Structure) =	$\frac{\text{surface area} \times \text{U-factor} \times \text{DT}}{3413}$
CFM =	$\frac{\text{volume} \times \# \text{ of required air changes}}{60}$
kW Heat =	$\frac{\text{CFM} \times 1.08 \times \text{DT}}{3413}$
kW (Temperature) =	$\frac{\text{Btu} / \text{hr}}{3413}$
Tons (Refrigeration) =	$\frac{\text{Btu} / \text{hr}}{12,000}$
Tons (Nominal)* =	$\frac{\text{Tons (effective) or Btu / hr. of work}}{\text{derate factor}}$

\* = Below 45° Low Temperature Applications

## RENTAL AIR CONDITIONERS

RENTAL AIR CONDITIONERS				
SIZE	CFM	DIMENSIONS (L x W x H)	WEIGHT	ELECTRICAL REQUIREMENTS
1.1 Ton	440 CFM	41" x 27" x 20"	125 lbs.	15A@120V
10 Ton	4,000 CFM	Trane: 36" x 46" x 35" York: 51" x 89" x 59"	2,800 lbs. 1,400 lbs.	30A@480V 45A@480V
25 Ton	10,000 CFM	126" x 99" x 66"	3,000 lbs.	70A@480V
30 Ton	10,000 CFM	8' x 5'6" x 8'	4,900 lbs.	97A@480V
80 Ton	28,000 CFM	15' x 8' x 9'5"	11,203 lbs.	179A@480V w/o Heat 192A with Heat

## RENTAL HEATERS

RENTAL HEATERS					
SIZE	CFM	DIMENSIONS (L x W x H)	WEIGHT	ENERGY SOURCE	ELECTRICAL REQUIREMENTS
15kW	800	39" x 27" x 23"	70 lbs.	Electric	42@208V
60kW	2,700	36" x 46" x 35"	170 lbs.	Electric	74@480V
150kW	10,000	94" x 33" x 60"	2,000 lbs.	Electric	185@480V
700,000 BTU	4,500	53" x 21" x 32"	178 lbs.	Propane or Natural Gas	8@120V
1,000,000 BTU	5,600	124" x 80" x 72"	4,650 lbs.	Diesel	None
2,000,000 BTU	8,000	63" x 31" x 37"	355 lbs.	Propane or Natural Gas	14@120V



# COMPRESSED AIR RENTAL SOLUTIONS

## LONG-TERM RENTALS

When plant production demands more air than you have, HTE Rental Power Services can help you cut costs while you focus on meeting your production demands. Owning your own compressor equipment involves numerous costs that should be carefully considered:

1. **CAPITAL DEPRECIATION** – For the purchase of equipment. What we are talking about is cash that could be better spent invested in what your company does best.
2. **INTEREST** – Charges for borrowing cash.
3. **OPPORTUNITY COST** – Your company’s expectation of a return on the capital investment.
4. **WAGES** – The cost of your personnel trained to operate and maintain the equipment.
5. **BENEFITS** – The cost of benefits for your operations and maintenance personnel.
6. **TRAINING** – The hours spent each year making sure your operators and maintenance personnel know how to use and maintain the equipment.
7. **TOOLS** – The cost of specialty tools required to maintain the equipment.
8. **PARTS** – The cost of maintenance and repair parts.
9. **INVENTORY EXPENSE** – The cost of carrying the required parts.
10. **SUPPLIES - PERSONNEL - OCCUPANCY - ADMINISTRATION - PURCHASING - HR - PAYMENT PROCESSING - MISC.** – All the incremental costs of owning a compressed air system keep going on and on.

**kVA/kW AMPERAGE CHART — 80% POWER FACTOR**

kVA	kW	208V	220V	240V	380V	440V	480V	600V	2400V	3300V	4160V
6.3 9.4 12.5	5 7.5 10	17.5 26.1 34.7	16.5 24.7 33	15.2 22.6 30.1	9.6 14.3 19.2	8.3 12.3 16.6	7.6 11.3 15.1	6.1 9.1 12			
18.7 25 31.3	15 20 25	52 69.5 87	49.5 66 82.5	45 60.2 75.5	28.8 38.2 48	24.9 33.2 41.5	22.5 30.1 37.8	18 24 30	6 7.5	4.4 5.5	3.5 4.4
37.5 50 62.5	30 40 50	104 139 173	99 132 165	90.3 120 152	57.6 77 96	49.8 66.5 83	45.2 60 76	36 48 61	9.1 12.1 15.1	6.6 8.8 10.9	5.2 7 8.7
75 93.8 100	60 75 80	208 261 278	198 247 264	181 226 240	115 143 154	99.6 123 133	91 113 120	72 90 96	18.1 22.6 24.1	13.1 16.4 17.6	10.5 13 13.9
125 156 187	100 125 150	347 433 520	330 413 495	301 375 450	192 240 288	166 208 249	150 188 225	120 150 180	30 38 45	21.8 27.3 33	17.5 22 26
219 250 312	175 200 250	608 694 866	577 660 825	527 601 751	335 384 480	289 332 415	264 301 376	211 241 300	53 60 75	38 44 55	31 35 43
375 438 500	300 350 400	1040 1220 1390	990 1155 1320	903 1053 1203	576 672 770	498 581 665	451 527 602	361 422 481	90 105 120	66 77 88	52 61 69
625 750 875	500 600 700	1735 2080 2430	1650 1980 2310	1504 1803 2104	960 1150 1344	830 996 1274	752 902 1052	602 721 842	150 180 210	109 131 153	87 104 121
1000 1125 1250	800 900 1000	2780 3120 3470	2640 2970 3300	2405 2709 3009	1540 1730 1920	1330 1495 1660	1203 1354 1504	962 1082 1202	241 271 301	176 197 218	139 156 174
1563 1875 2188	1250 1500 1750	4350 5205	4130 4950	3765 4520 5280	2400 2880 3350	2080 2490 2890	1885 2260 2640	1503 1805 2106	376 452 528	273 327 380	218 261 304
2500 2812 3125	2000 2250 2500			6020 6780 7520	3840 4320 4800	3320 3735 4160	3015 3400 3765	2405 2710 3005	602 678 725	436 491 546	348 392 435
3750 4375 5000	3000 3500 4000			9040 10550 12040	5760 6700 7680	4980 5780 6640	4525 5285 6035	3610 4220 4810	904 1055 1204	654 760 872	522 610 695



**HTE RENTAL SERVICES**



**Emergency Service - 314.726.9823**

**ST. LOUIS HEADQUARTERS**

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