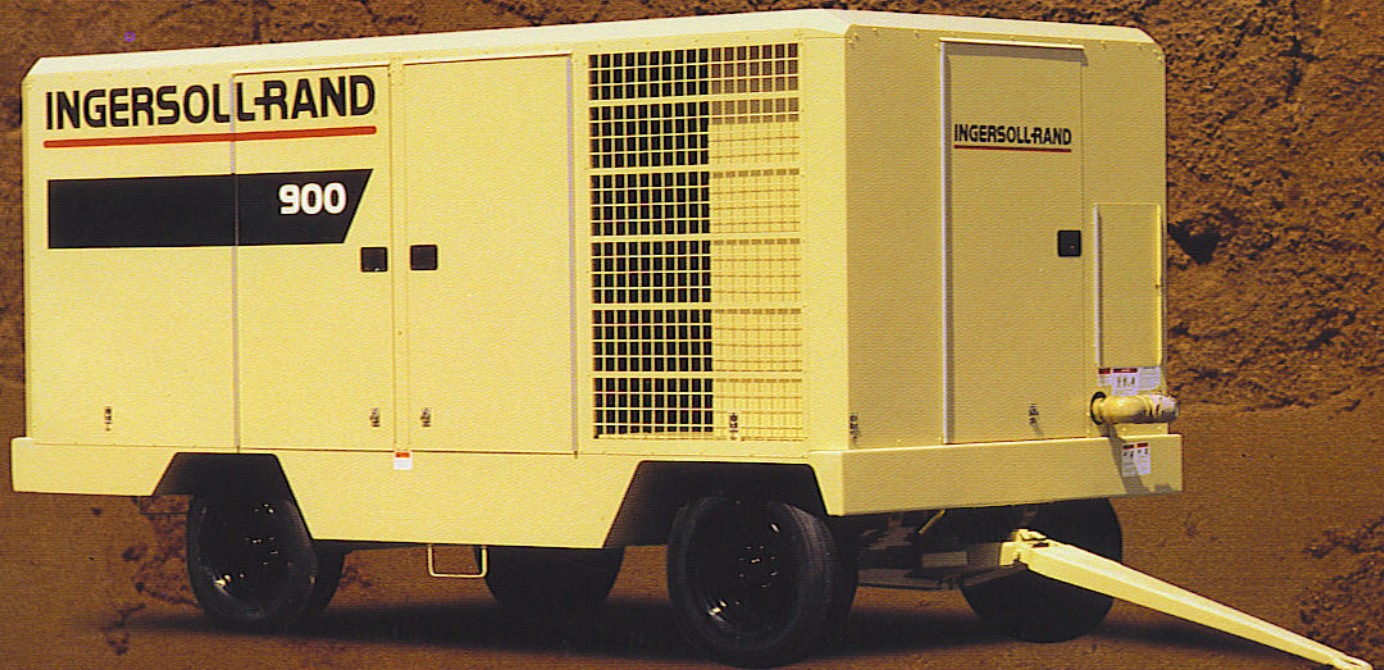


**INGERSOLL-RAND®**

**XHP600 - 1250 / HP1000 - P1600 Compressors**

PORTABLE



**INGERSOLL-RAND**  
**AIR COMPRESSORS**

# Specifications

Model	XHP650WCAT	XHP750WCAT	XHP825WCAT	XHP900WCAT	XHP900SCAT	XHP1070WCAT
<b>Engine</b>						
Make	Caterpillar	Caterpillar	Caterpillar	Caterpillar	Caterpillar	Caterpillar
Model	3306 TA <sup>1</sup>	3306 TA <sup>1</sup>	3306 TA <sup>1</sup>	3406 TA <sup>1</sup>	3406 TA <sup>1</sup>	3406 TA <sup>1</sup>
(Cylinders) bore x stroke (in) (mm)	(6) 4.75 x 6.0 (6) 121 x 152	(6) 4.75 x 6.0 (6) 121 x 152	(6) 4.75 x 6.0 (6) 121 x 152	(6) 5.4 x 6.5 (6) 137 x 165	(6) 5.4 x 6.5 (6) 137 x 165	(6) 5.4 x 6.5 (6) 137 x 165
Displacement (cu in/L)	638/10.4	638/10.4	638/10.4	893/14.6	893/14.6	893/14.6
Speed: rated/idle (rpm)	1850/1300	1850/1300	1850/1400	1800/1200	1800/1200	1800/1200
Bhp at rated speed	310	310	310	400	400	465
Fuel/Cooling	Diesel/Water	Diesel/Water	Diesel/Water	Diesel/Water	Diesel/Water	Diesel/Water
Electrical System (volts)	24	24	24	24	24	24
Fuel tank capacity (gal/L)	180/681	180/681	180/681	180/681	Optional <sup>3</sup>	180/681
<b>Compressor</b>	Rotary-Screw Type, Oil-Flooded, Two-Stage					
Free-air delivery (cfm/L per sec) <sup>2</sup>	650/307	750/354	825/390	900/425	900/425	1070/505
Rated operating pressure (psig/bar)	350/24.1	300/20.7	250/17.2	350/24.1	350/24.1	350/24.1
Pressure Range (psig) (bar)	150 to 375 10.3 to 25.9	150 to 325 10.3 to 22.4	150 to 275 10.3 to 18.9	150 to 375 10.3 to 25.9	150 to 375 10.3 to 25.9	150 to 375 10.3 to 25.9
Air discharge outlets (qty) size in.	(1) 3	(1) 3	(1) 3	(1) 3	(1) 3	(1) 3
<b>Unit w/Wagon Wheel Running Gear</b>						
Overall length (in/mm)	191/4851	191/4851	191/4851	191/4851	N/A	204/5182
Overall width (in/mm)	88.6/2250	88.6/2250	88.6/2250	88.6/2250	N/A	88.6/2250
Overall height (in/mm)	101.5/2578	101.5/2578	101.5/2578	101.5/2578	N/A	101.5/2578
Track width (in/mm)	70/1778	70/1778	70/1778	70/1778	N/A	70/1778
Shipping weight <sup>4</sup> (lb/kg)	12300/5579	12300/5579	12300/5579	13600/6169	N/A	13900/6305
<b>Unit w/High-Speed Running Gear</b>						
Overall length (in/mm)	261/6629	261/6629	261/6629	261/6629	N/A	274/6960
Overall width (in/mm)	88.6/2250	88.6/2250	88.6/2250	88.6/2250	N/A	88.6/2250
Overall height (in/mm)	102/2591	102/2591	102/2591	102/2591	N/A	102/2591
Track width (in/mm)	70/1778	70/1778	70/1778	70/1778	N/A	70.9/1800
Shipping weight <sup>4</sup> (lb/kg)	13700/6214	13700/6214	13700/6214	15000/6803	N/A	15300/6940
<b>Unit Less Running Gear</b>						
Overall length (in/mm)	187/4750	187/4750	187/4750	187/4750	Skid Mount 222/5639	200/5080
Overall width (in/mm)	88.5/2248	88.5/2248	88.5/2248	88.5/2248	89/2261	88.5/2248
Overall height (in/mm)	89.6/2276	89.6/2276	89.6/2276	89.6/2276	98/2490	89.6/2276
Shipping weight <sup>4</sup> (lb/kg)	12700/5761	12700/5761	12700/5761	12700/5761	12800/5806 <sup>5</sup>	13000/5897

Specifications are subject to change without notice so that improvements can be effected as quickly as possible

<sup>1</sup> Turbocharged and Aftercooled (TA)

<sup>2</sup> ISO 1217± 4%

<sup>3</sup> Fuel tanks available as an option on export units only; 180 gal. capacity

<sup>4</sup> Shipping weight includes all fluids *except* fuel

<sup>5</sup> Unit weight *without* fuel tanks