

# Atlas Copco Portable Air Compressors

## Most diverse product line



Atlas Copco is the leading innovator worldwide in the portable compressor industry. When designing our units our goal is to build the strongest, most fuel efficient, and longest lasting compressors on the market. You will find that we have created a compressor for virtually any application - from running small hand tools in the construction industry to drilling offshore in the oil and gas business. Atlas Copco is the global front runner in providing the lightest and smallest product line as footprint and weight are becoming an increasingly common concern in today's industry.

### **Health, Safety and Environment**

Atlas Copco's stringent manufacturing standards follow ISO 9001 quality assurance regulations. All components are produced and tested to exacting standards for optimum performance in the most demanding conditions.

*Atlas Copco*



# Full Line

Model Number	XAS 70 KD7	XAS 90 KD7	XAHS 70 DD7	XAS 90 DD7
FAD Rating	71 cfm/102 psi	88 cfm/102psi	67 cfm/175psi	92 cfm/102psi
Min./ Max. Working Pressure	58/128	58/128	58/196	58/128
Engine	Kubota D905	Kubota D1105	Deutz D2011L02	Deutz D2011L02
Engine Control	Mechanical	Mechanical	Mechanical	Mechanical
Aspiration	Natural	Natural	Natural	Natural
Horsepower	25	26	29	29
Number of Cylinders	3	3	2	2
Cooling System	Water	Water	Oil	Oil
Full Load Speed	3600	3000	2400	2400
Fuel Tank Capacity (Gal.)	8.46	8.46	10.57	10.57
Fuel Consumption @ 0% load (Gal/hr) <sup>1</sup>	.07	.07	0.8	0.8
Fuel Consumption @ 100% load (Gal/hr) <sup>1</sup>	1.5	1.5	1.4	1.4
<sup>1</sup> without FuelXpert™				
Compression Stages	1	1	1	1
Outlet Valve Configuration	2 X 3/4"	2 X 3/4"	2 X 3/4"	2 X 3/4"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	1.45	1.45	2.1	2.1
Air Receiver Capacity (Gal.)	2.47	2.47	3.14	3.14
Sound Pressure Level @ 23 Ft.	70 dBa	70 dBa	70 dBa	70 dBa
Dimensions LxWxH (wheel mtd.)	101 x 51 x 45	101 x 51 x 45	108 x 52 x 49	108 x 52 x 49
Wheel Mtd Wet Weight (Lbs.) <sup>2</sup>	1,213	1,213	1,588	1,588
Dimensions LxWxH (skid mtd.)	62 x 40 x 34	62 x 40 x 34	74 x 38 x 48	74 x 38 x 48
Skid Mtd Wet Weight (Lbs.) <sup>2</sup>	1,047	1,047	1,510	1,510

<sup>2</sup>Please ask sales representative for all undercarriage configurations.

# Full Line

Model Number	XAS 375 JD6	XATS 375 JD6	XAS 300 DD7	XAHS 375 DD6	XAHS 250 DD7	XAHS 300 DD7
FAD Rating	375 cfm/100psi	375 cfm/150psi	265 cfm/102psi	371 cfm/175psi	197 cfm/175psi	392 cfm/175psi
Min./ Max. Working Pressure	58/125	58/175	58/123	58/196	58/196	58/196
Engine	Deere 4045HF285	Deere 4045HF285	Deutz TD 2011	Deutz TCD2012L04	Deutz TD 2011	Deutz TD 2011
Engine Control	Electronic	Electronic	Mechanical	Mechanical	Mechanical	Mechanical
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	115	125	70	139	70	111
Number of Cylinders	4	4	4	4	4	4
Cooling System	Water	Water	Oil	Water	Oil	Water
Full Load Speed	2400	2400	2400	2200	2400	2300
Fuel Tank Capacity (Gal.)	38	38	34	46	34	46
Fuel Consumption @ 0% load (Gal/hr) <sup>1</sup>	1.46	1.46	1.6	N.A.	1.6	N.A.
Fuel Consumption @ 100% load (Gal/hr) <sup>1</sup>	5.34	5.8	3.8	6.9	3.8	5.9
<sup>1</sup> without FuelXpert™						
Compression Stages	1	1	1	1	1	1
Outlet Valve Configuration	1 x 1.5" / 2 x 3/4"	1 x 1.5" / 2 x 3/4"	3 x 3/4"	1 x 1.5" / 2 x 3/4"	3 x 3/4"	1 x 1.5"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	8	8	3.4	6.2	3.04	6.2
Air Receiver Capacity (Gal.)	11.1	11.1	9.3	11.1	9.3	11.1
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	71 dBa	71 dBa	71 dBa	71 dBa
Dimensions LxWxH (wheel mtd.)	145 x 72 x 71	145 x 72 x 71	175 x 67 x 59	155 x 67 x 65	175 x 67 x 59	155 x 67 x 65
Wheel Mtd Wet Weight ( Lbs.) <sup>2</sup>	3,860	3,860	2,150	3,969	2,150	3,969
Dimensions LxWxH (skid mtd.)	104 x 55 x 68	104 x 55 x 68	93 x 44 x 53	109 x 67 x 45.7	100 x 44 x 53	109 x 67 x 45.7
Skid Mtd Wet Weight (Lbs.) <sup>2</sup>	3,920	3,920	1,985	3,769	1,985	3,769

<sup>2</sup>Please ask sales representative for all undercarriage configurations.





	<b>XAMS 350 DD6</b>	<b>XAS 375 DD6</b>	<b>XAS 750 CD6</b>	<b>XAMS 600 CD6</b>	<b>XAMS 500 CD6</b>	<b>XAMS 850 CD7</b>	<b>XAMS 1050 CD6</b>	<b>XAMS 1150 CD6</b>	
Pressure	175psi	150psi	100psi	125psi	175psi	125psi	125psi	125psi	
Flow	341 cfm	392 cfm	750 cfm	610 cfm	507 cfm	848 cfm	1059 cfm	1127 cfm	
Weight	58/171	58/123	58/125	58/145	58/195	58/150	58/145	58/145	
Model	CD2012L04	Deutz TCD2012L04	Deutz TCD2012L04	CAT 6.6 ACERT III	CAT 6.6 ACERT III	CAT 6.6 ACERT III	CAT 7 ACERT III	CAT C-9 ACERT III	CAT C-13 ACERT III
Control	Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	
Engine	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	
Cylinders	111	111	200	173	173	249	300	426	
Stroke	4	4	6	6	6	6	6	6	
Water	Water	Water	Water	Water	Water	Water	Water	Water	
Capacity	2300	2300	2100	1900	1900	2000	1800	1600	
Dimensions	46	46	76	77	77	77.4 + 26.4	142	142	
Efficiency	N.A.	N.A.	3.8	4.3	4.5	6.8	8.3	8.9	
Life	5.9	5.7	10	8.5	8.9	13.4	15.6	17.1	
Options	1	2	1	1	1	1	1	1	
Ports	1 x 1.5" / 3 x 3/4"	1 x 1.5" / 4 x 3/4"	1 x 1.5" / 2 x 3/4"	1 x 1.5" / 2 x 3/4"	1 x 1.5" / 2 x 3/4"	1 x 2" / 2 x 3/4"	1 x 2.5"	1 x 2.5"	
Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	
Flow	6.2	6.2	12	13.7	13.7	13.7	21	21	
Life	11.1	11.1	16.78	16.78	16.78	16.78	43.3	43.3	
Weight	71 dBa	71 dBa	76 dBa	71 dBa	71 dBa	71 dBa	72 dBa	72 dBa	72 dBa
Dimensions	155 x 67 x 45.7	155 x 67 x 45.7	203 x 78 x 78	203 x 78 x 78	203 x 78 x 78	199 x 78 x 82	222 x 84 x 98	222 x 84 x 98	
Weight	3,969	3,969	6,405	6,612	6,612	7,497	13,973	14,600	
Dimensions	109 x 67 x 45.7	109 x 67 x 45.7	132 x 62 x 72	132 x 62 x 72	132 x 62 x 72	132 x 62 x 78	159 x 84 x 95	159 x 84 x 95	
Weight	3,769	3,769	5,835	5,918	5,918	7,189	12,543	14,080	





XATS 800 CD7	XATS 950 CD6	XAHS 710 CD7	XAHS 900 CD6	XAHS 1150 CD6	XAVS 650 CD7	XAVS 830 CD6	XRS 830 CD6	XRS 1150 CD6
774 cfm/150psi	949cfm/150psi	719 cfm/175psi	885 cfm/175psi	1103 cfm/175psi	657 cfm/204psi	805 cfm/203psi	830 cfm/250psi	784 cfm/250psi
58/171	58/174	58/195	58/195	58/195	58/224	58/219	58/272	174/315
CAT 7 ACERT III	CAT C-9 ACERT III	CAT 7 ACERT III	CAT C-9 ACERT III	CAT C-13 ACERT III	CAT 7 ACERT III	CAT C-9 ACERT III	CAT C-9 ACERT III	CAT C-9 ACERT III
Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
249	300	249	300	426	249	300	300	300
6	6	6	6	6	6	6	6	6
Water	Water	Water	Water	Water	Water	Water	Water	Water
2000	1800	2000	1800	1600	2000	1800	1800	1800
77.4 + 26.4	142	77.4 + 26.4	142	210	77.4 + 26.4	142	142	142
6.8	8.1	6.2	8.1	10.5	6.4	8	6.7	6.9
13.6	15.2	13.1	15.6	20	13.3	15.6	11.9	15.3
1	1	1	1	1	1	1	2	2
1 x 2" / 2 x 3/4"	1 x 2.5"	1 x 2" / 2 x 3/4"	1 x 2.5 "	1 x 2.5 "	1 x 2" / 2 x 3/4"	1 x 2.5 "	1 x 2 "	1 x 2 "
Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
13.7	23.8	13.7	16	21	13.7	16	19.8	19.8
16.78	43.3	16.78	24	43.3	16.78	24	37.8	37.8
72 dBa	72 dBa	72 dBa	72 dBa	72 dBa	72 dBa	72 dBa	72 dBa	72 dBa
199 x 78 x 82	222 x 84 x 98	199 x 78 x 82	222 x 84 x 98	220 x 82 x 96	199 x 78 x 82	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98
7,497	12,954	7,497	12,734	14,660	7,497	12,734	13,820	13,820
132 x 62 x 78	159 x 84 x 95	132 x 62 x 78	159 x 84 x 95	159 x 84 x 95	132 x 62 x 78	159 x 84 x 95	159 x 84 x 95	159 x 84 x 95
7,189	12,320	7,189	12,120	12,910	7,189	11,740	12,050	12,050





300 CD6	XRHS 1100 CD6	XRVS 700 CD6	XRVS 1000 CD6	XAS 1600 CD6	XAS 1600 CD6	XAS 1600 CD6	XRXS 1200 CD6
1000 cfm/290psi	1059 cfm/290psi	695 cfm/365psi	974 cfm/365psi	1600 cfm/100psi	1500 cfm/125psi	1400 cfm/150psi	1200cfm/435psi
9	174/319	225/392	225/392	58/125	58/140	58/165	275/465
ACERT III	CAT C-13 ACERT III	CAT C-9 ACERT III	CAT C-13 ACERT III	CAT C-13 ACERT III	CAT C-13 ACERT III	CAT C-13 ACERT III	CAT C-18 ACERT III
Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
426	300	426	440	440	440	440	575
6	6	6	6	6	6	6	6
Water	Water	Water	Water	Water	Water	Water	Water
1600	1800	1600	1900	1800	1650	1800	1800
142	142	142	142	142	142	142	258
9.8	7.3	10.3	9.3	10.3	11.3	12.6	12.6
21.1	15.3	21.1	21.3	21.6	21.1	30	30
2	2	2	1	1	1	2	2
1 x 2 "	1 x 2 "	1 x 2 "	1 x 3 "	1 x 3 "	1 x 3 "	1 x 2 "	1 x 2 "
Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
19.8	19.8	19.8	22.46	22.46	22.46	21.7	21.7
37.8	37.8	37.8	45.18	45.18	45.18	37.8	37.8
72 dBa	72 dBa	72 dBa	76 dBa	76 dBa	76 dBa	76 dBa	76 dBa
222 x 84 x 98	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98	260 x 89 x 98.8
14,660	13,820	14,660	15,420	15,420	15,420	18,080	18,080
159 x 84 x 95	159 x 84 x 95	159 x 84 x 95	159 x 84 x 95	159 x 84 x 95	159 x 84 x 95	180 x 89 x 95.9	180 x 89 x 95.9
13,250	12,050	13,250	13,219	13,219	16,700	16,700	16,700





<b>XAS 110 DD7</b>	<b>XATS 125 DD7</b>	<b>XAS 130 DD7</b>	<b>XAS 150 DD7</b>	<b>XAS 185 JD7</b>	<b>XAS 185 JD7 PE</b>	<b>XAS 185 JDU6</b>
106 cfm/102psi	125 cfm/150psi	130 cfm/102psi	152 cfm/102psi	185 cfm/100psi	185 cfm/100psi	185 cfm/100psi
58/128	58/171	58/128	58/128	58/125	58/125	58/125
Deutz 2011L02	Deutz D2011L03	Deutz D2011L03	Deutz D2011L03	Deere 4024T	Deere 4024T	Deere 4045D
Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Natural	Natural	Natural	Natural	Turbocharged	Turbocharged	Natural
31	48	44	42	49	49	80
2	3	3	3	4	4	4
Oil	Oil	Oil	Oil	Water	Water	Water
2750	2750	2400	2300	2750	2750	2100
10.57	21.13	21.13	21.13	25	25	31
0.8	1.1	1	1.2	1	1	0.9
1.7	2.3	1.9	1.9	2.9	2.9	2.6
1	1	1	1	1	1	1
2 X 3/4"	2 X 3/4"	2 X 3/4"	2 X 3/4"	2 X 3/4"	2 X 3/4"	2 X 3/4"
Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
2.1	2.1	2.1	2.1	2	2	2.5
3.14	3.14	3.14	3.14	3.8	3.8	3.14
70 dBa	70 dBa	70 dBa	70 dBa	76 dBa	76 dBa	76 dBa
108 x 52 x 49	111 x 55 x 49	111 x 55 x 49	111 x 55 x 49	125 x 60 x 57	127 x 64 x 61	n/a
1,588	1,940	1,940	1,963	2,400	2,330	n/a
74 x 38 x 48	79 x 41 x 48	79 x 41 x 48	79 x 41 x 48	77 x 41 x 54	81 x 45 x 65	85 x 34 x 55
1,510	1,852	1,852	1,873	2,200	2,130	2,400





## Full Line

Model Number	XRVS 1250 CD6	XAH 2250 CD6 S	XAH 2250 CD6 O	XRV 2000 CD6 S	XRV 2000 CD6 O
FAD Rating	1273cfm/365psi	2232cfm/175psi	2232cfm/175psi	1975cfm/365psi	1975cfm/365psi
Min./ Max. Working Pressure	232/390	58/195	58/195	186/383	186/383
Engine	CAT C-18 ACERT III	2 CAT C13 ACERT III	2 CAT C13 ACERT III	2 CAT C13 ACERT III	2 CAT C13 ACERT III
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	575	2 x 440	2 x 440	2 x 440	2 x 440
Number of Cylinders	6	2 x 6	2 x 6	2 x 6	2 x 6
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	1800	1600	1600	1600	1600
Fuel Tank Capacity (Gal.)	258	476	476	476	476
Fuel Consumption @ 0% load (Gal/hr) <sup>1</sup>	11.4	21	21	20.6	20.6
Fuel Consumption @ 100% load (Gal/hr) <sup>1</sup>	26.5	40	40	42.2	39.7
<sup>1</sup> without FuelXpert™					
Compression Stages	2	2 x 1	2 x 1	2 x 2	2 x 2
Outlet Valve Configuration	1 x 2 "	2 x 3 "	2 x 3 "	2 x 3 "	2 x 3 "
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	21.7	42	42	39.6	39.6
Air Receiver Capacity (Gal.)	37.8	86.6	86.6	75.6	75.6
Sound Pressure Level @ 23 Ft.	76 dBa	83 dBa	83 dBa	83 dBa	83 dBa
Dimensions LxWxH (wheel mtd.)	260 x 89 x 98.8	N.A.	N.A.	N.A.	N.A.
Wheel Mtd Wet Weight ( Lbs.) <sup>2</sup>	18,080	N.A.	N.A.	N.A.	N.A.
Dimensions LxWxH (skid mtd.)	180 x 89 x 95.9	20' X 8' X 8.5'	20' X 8' X 8.5'	20' X 8' X 8.5'	20' X 8' X 8.5'
Skid Mtd Wet Weight (Lbs.) <sup>2</sup>	16,700	31,973	31,973	33,075	33,075

<sup>2</sup>Please ask sales representative for all undercarriage configurations.



Use only authorized parts. Warranty or Product Liability does not cover any damage or malfunction caused by the use of unauthorized parts.

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

Copyright © 2008 Atlas Copco Compressors LLC.  
 All rights reserved.

® Atlas Copco is a registered trademark of Atlas Copco AB