

Atlas Copco Portable Air Compressors



Sustainable Productivity





Model Number	XAS 70 KD7	XAS 90 KD7	XAS 185 JD7 iT4	XAS 185 JD7 PE iT4	XAS 185 JDU7 iT4
FAD Rating	71 cfm/102 psi	88 cfm/102psi	185 cfm/100psi	185 cfm/100psi	185 cfm/100psi
Min./ Max. Working Pressure	58/128	58/128	58/125	58/125	58/125
Engine	Kubota D905	Kubota D1105	Deere 4024TF281	Deere 4024TF281	Deere 4024TF281
Engine Control	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Aspiration	Natural	Natural	Turbocharged	Turbocharged	Turbocharged
Horsepower	25	26	49	49	49
Number of Cylinders	3	3	4	4	4
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	3600	3000	2750	2750	2750
Fuel Tank Capacity (Gal.)	8.46	8.46	25	25	27
Fuel Consumption @ 0% load (Gal/hr) ¹	0.07	0.07	1	1	1
Fuel Consumption @ 100% load (Gal/hr) ¹	1.5	1.5	2.9	2.9	2.6
Compression Stages	1	1	1	1	1
Outlet Valve Configuration	2 x 3/4"	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	Air/Oil
Compressor Oil Capacity (Gal.)	1.45	1.45	2	2	2.5
Air Receiver Capacity (Gal.)	2.47	2.47	3.8	3.8	3.14
Sound Pressure Level @ 23 Ft.	70 dBa	70 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	101 x 51 x 45	101 x 51 x 45	125 x 60 x 57	127 x 64 x 61	n/a
Wheel Mtd Wet Weight (Lbs.) ²	1,213	1,213	2,400	2,330	n/a
Dimensions LxWxH (skid mtd.)	62 x 40 x 34	62 x 40 x 34	77 x 41 x 54	81 x 45 x 65	84 x 34 x 57
Skid Mtd Wet Weight (Lbs.) ²	1,047	1,047	2,200	2,130	2,060

¹Please ask sales representative for all undercarriage configurations.



Model Number	XAS 300 JDU	XAS 375 JD6	XATS 375 JD6	XAVS 375 JD6	XAS 750 JD7 iT4
FAD Rating	300 cfm/100psi	375 cfm/100psi	375 cfm/150psi	375 cfm/200psi	750 cfm/100 psi
Min./ Max. Working Pressure	48/125	58/175	58/175	58/203	100/125
Engine	Deere 4024TF285	Deere 4045HF285	Deere 4045HF285	Deere 4045HF285	Deere 6068HFC94 iT4
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	80	115	125	125	200
Number of Cylinders	4	4	4	4	6
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	2600	2400	2400	2400	2000
Fuel Tank Capacity (Gal.)	25	38	38	38	78
Fuel Consumption @ 0% load (Gal/hr) ¹	1.67	1.46	1.46	1.46	3
Fuel Consumption @ 100% load (Gal/hr) ¹ ¹ without FuelXpert™	4	4.3	4.7	5.7	9.2
Compression Stages	1	1	1	1	1
Outlet Valve Configuration	2 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 1.5" / 2 x 3/4"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	4.5	8	8	8	13.75
Air Receiver Capacity (Gal.)	4.5	11.1	11.1	11.1	16.78
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	n/a	145 x 72 x 71	145 x 72 x 71	145 x 72 x 71	190 x 79 x 84
Wheel Mtd Wet Weight (Lbs.) ²	n/a	3,860	3,860	3,860	7,760
Dimensions LxWxH (skid mtd.)	84 x 34 x 55	104 x 55 x 68	104 x 55 x 68	104 x 55 x 68	132 x 67 x 69.1
Skid Mtd Wet Weight (Lbs.) ²	2,400	3,920	3,920	3,920	6,685

²Please ask sales representative for all undercarriage configurations.



Model Number	XAS 850 JD7 iT4	XATS 750 JD7 iT4	XAMS 1150 CD7 iT4	XATS 1050 CD7 iT4	XAHS 950 CD7 iT4
FAD Rating	850 cfm/100psi	774 cfm/150psi	1102 cfm/125psi	1020 cfm/150psi	938 cfm/175psi
Min./ Max. Working Pressure	58/125	58/171	58/145	58/170	58/194
Engine	Deere 6068HFC94 iT4	Deere 6068HFC94 iT4	CAT C9.3 Acert iT4	CAT C9.3 Acert iT4	CAT C9.3 Acert iT4
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	250	250	300	300	300
Number of Cylinders	6	6	6	6	6
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	2000	2000	1800	1800	1800
Fuel Tank Capacity (Gal.)	78	78	210	210	210
Fuel Consumption @ 0% load (Gal/hr) ¹	6.8	6.8	8.3	8.3	8.1
Fuel Consumption @ 100% load (Gal/hr) ¹	13.4	13.6	15.5	15.6	15.5
¹ without FuelXpert™					
Compression Stages	1	1	1	1	1
Outlet Valve Configuration	1 x 2" / 2 x 3/4"	1 x 2" / 2 x 3/4"	1 x 2.5"	1 x 2.5"	1 x 2.5"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	13.75	13.75	16	16	16
Air Receiver Capacity (Gal.)	16.78	16.78	24	24	24
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	190 x 79 x 84	190 x 79 x 84	192.9 x 84.7 x 98.4	192.9 x 84.7 x 98.4	192.9 x 84.7 x 98.4
Wheel Mtd Wet Weight (Lbs.) ²	7,760	7,760	12,809	12,809	12,809
Dimensions LxWxH (skid mtd.)	132 x 67 x 69.1	132 x 67 x 69.1	159.5 x 84 x 88.6	159.5 x 84 x 88.6	159.5 x 84 x 88.6
Skid Mtd Wet Weight (Lbs.) ²	6,685	6,685	11,387	11,387	11,387

²Please ask sales representative for all undercarriage configurations.



Model Number	XAVS 650 JD7 iT4	XAVS 900 CD7 iT4	XAS 1600 CD6	XAS 1600 CD6	XAS 1600 CD6
FAD Rating	657 cfm/204psi	860 cfm/200psi	1600 cfm/100psi	1500 cfm/125psi	1400 cfm/150psi
Min./ Max. Working Pressure	58/203	58/203	58/125	58/140	58/165
Engine	Deere 6068HFC94 iT4	CAT C9.3 Acert iT4	CAT C-13 ACERT III	CAT C-13 ACERT III	CAT C-13 ACERT III
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	250	300	440	440	440
Number of Cylinders	6	6	6	6	6
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	2000	1800	1900	1900	1900
Fuel Tank Capacity (Gal.)	78	210	142	142	142
Fuel Consumption @ 0% load (Gal/hr) ¹	6.4	8	9.3	10.3	11.3
Fuel Consumption @ 100% load (Gal/hr) ¹	13.3	15.6	21.3	21.6	21.1
¹ without FuelXpert™					
Compression Stages	1	1	1	1	1
Outlet Valve Configuration	1 x 2" / 2 x 3/4"	1 x 2.5"	1 x 3"	1 x 3"	1 x 3"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	13.75	16	22.46	22.46	22.46
Air Receiver Capacity (Gal.)	16.78	24	45.18	45.18	45.18
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	190 x 79 x 84	192.9 x 84.7 x 98.4	222 x 84 x 98	222 x 84 x 98	222 x 84 x 98
Wheel Mtd Wet Weight (Lbs.) ²	7,760	12,809	15,420	15,420	15,420
Dimensions LxWxH (skid mtd.)	132 x 67 x 69.1	159.5 x 84 x 88.6	159 x 84 x 95	159 x 84 x 95	159 x 84 x 95
Skid Mtd Wet Weight (Lbs.) ²	6,685	11,387	13,219	13,219	13,219

²Please ask sales representative for all undercarriage configurations.



Model Number	XRVS 830 CD6	XRHS 800 CD6	XRHS 1100 CD6	XRVS 700 CD6	XRVS 1000 CD6
FAD Rating	830 cfm/250psi	784 cfm/290psi	1059 cfm/290psi	695 cfm/365psi	974 cfm/365psi
Min./ Max. Working Pressure	58/272	174/319	174/319	225/392	225/392
Engine	CAT C-9	CAT C-9	CAT C-9	CAT C-9	CAT 7
Tier Rating	Available inT3 flex and iT4	Available inT3 flex and iT4	Available inT3 flex and iT4	Available inT3 flex and iT4	Available inT3 flex and iT4
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	300	300	426	300	426
Number of Cylinders	6	6	6	6	6
Cooling System	Water	Water	Water	Water	Water
Full Load Speed	1800	1800	1600	1800	1600
Fuel Tank Capacity (Gal.)	142	142	142	142	142
Fuel Consumption @ 0% load (Gal/hr) ¹	6.7	6.9	9.8	7.3	10.3
Fuel Consumption @ 100% load (Gal/hr) ¹ ¹ without FuelXpert™	11.9	15.3	21.1	15.3	21.1
Compression Stages	2	2	2	2	2
Outlet Valve Configuration	1 x 2"	1 x 2"	1 x 2"	1 x 2"	1 x 2"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	19.8	19.8	19.8	19.8	19.8
Air Receiver Capacity (Gal.)	37.8	37.8	37.8	37.8	37.8
Sound Pressure Level @ 23 Ft.	72 dBa	72 dBa	72 dBa	72 dBa	72 dBa
Dimensions LxWxH (wheel mtd.)	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
Wheel Mtd Wet Weight (Lbs.) ²	13,820	13,820	14,660	13,820	14,660
Dimensions LxWxH (skid mtd.)	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
Skid Mtd Wet Weight (Lbs.) ²	12,050	12,050	13,250	12,050	13,250

²Please ask sales representative for all undercarriage configurations.



Model Number	XRXS 1275 CD6	XRVS 1350 CD6	XRYS 1220 CD7	XRYS 1260 CD7
FAD Rating	1252 cfm/435psi	1335 cfm/365psi	1174 cfm/510psi	1207cfm/510psi
Min./ Max. Working Pressure	276/465	232/392	305/510	305/510
Engine	CAT C-18	CAT C-18	CAT C-18	CAT C-18
Tier Rating	Available inT3 flex and iT4	Available inT3 flex and iT4	Available inT3 flex and iT4	Available inT3 flex and iT4
Engine Control	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	575	575	575	575
Number of Cylinders	6	6	6	6
Cooling System	Water	Water	Water	Water
Full Load Speed	1800	1800	1800	1800
Fuel Tank Capacity (Gal.)	258	258	258	258
Fuel Consumption @ 0% load (Gal/hr) ¹	10.6	9.6	13.22	12.9
Fuel Consumption @ 100% load (Gal/hr) ¹	27.2	26.5	27.75	27.1
¹ without FuelXpert™				
Compression Stages	2	2	2	2
Outlet Valve Configuration	1 x 2"	1 x 2"	1 x 2"	1 x 2"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	21.7	21.7	21.7	21.7
Air Receiver Capacity (Gal.)	37.8	37.8	37.8	37.8
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	233 x 86 x 104	233 x 86 x 104	234 x 86 x 104	233 x 86 x 104
Wheel Mtd Wet Weight (Lbs.) ²	17,855	17,855	17,855	17,855
Dimensions LxWxH (skid mtd.)	180 x 89 x 89	180 x 89 x 89	181 x 89 x 89	180 x 89 x 89
Skid Mtd Wet Weight (Lbs.) ²	16,655	16,655	16,655	16,655

²Please ask sales representative for all undercarriage configurations.



Model Number	XAH 2250 CD6 Standard	XAH 2250 CD6 Offshore ³	XRV 2000 CD6 Standard	XRV 2000 CD6 Offshore ³
FAD Rating	2232cfm/175psi	2232cfm/175psi	1975cfm/365psi	1975cfm/365psi
Min./ Max. Working Pressure (PSI)	58/195	58/195	186/383	186/383
Engine	2 CAT C13	2 CAT C13	2 CAT C13	2 CAT C13
Tier Rating	T3 flex	T3 flex	T3 flex	T3 flex
Engine Control	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	2 x 440	2 x 440	2 x 440	2 x 440
Number of Cylinders	2 x 6	2 x 6	2 x 6	2 x 6
Cooling System	Water	Water	Water	Water
Full Load Speed	1600	1600	1600	1600
Fuel Tank Capacity (Gal.)	476	476	476	476
Fuel Consumption @ 0% load (Gal/hr) ¹	21	21	20.6	20.6
Fuel Consumption @ 100% load (Gal/hr) ¹ ¹ without FuelXpert™	40	40	42.2	39.7
Compression Stages	2 x 1	2 x 1	2 x 2	2 x 2
Outlet Valve Configuration	2 x 3"	2 x 3"	2 x 3"	2 x 3"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	42	42	39.6	39.6
Air Receiver Capacity (Gal.)	86.6	86.6	75.6	75.6
Sound Pressure Level @ 23 Ft.	83 dBa	83 dBa	83 dBa	83 dBa
Dimensions LxWxH (wheel mtd.)	n/a	n/a	n/a	n/a
Wheel Mtd Wet Weight (Lbs.) ²	n/a	n/a	n/a	n/a
Dimensions LxWxH (skid mtd.)	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.) ²	31,973	31,973	33,075	33,075

²Please ask sales representative for all undercarriage configurations.

³Offshore units include the following options: Aftercooler, spark arrestor and inlet shut down valve, a "DNV rated shipping container" and offshore paint.



Model Number	XRXO 1400 CD7	XRVO 1550 CD7
FAD Rating	1424cfm/435psi	1525cfm/365psi
Min./ Max. Working Pressure	275/464	232/392
Engine	CAT C-18TT	CAT C-18TT
Tier Rating	iT4	iT4
Engine Control	Electronic	Electronic
Aspiration	Twin Turbo	Twin Turbo
Horsepower	755	755
Number of Cylinders	6	6
Cooling System	Water	Water
Full Load Speed	1800	1800
Fuel Tank Capacity (Gal.)	NA	NA
Fuel Consumption @ 0% load (Gal/hr) ¹	12.08	11.62
Fuel Consumption @ 100% load (Gal/hr) ¹	33.93	33.3
¹ without FuelXpert™		
Compression Stages	2	2
Outlet Valve Configuration	1 x 2"	1 x 2"
Compressor Cooling System	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	21.13	21.13
Air Receiver Capacity (Gal.)	37	37
Sound Pressure Level @ 23 Ft.	94.4 dBa	94.4 dBa
Dimensions LxWxH (wheel mtd.)	NA	NA
Wheel Mtd Wet Weight (Lbs.) ²	NA	NA
Dimensions LxWxH (skid mtd.)	157.5 x 86.6 x 80.7	157.5 x 86.6 x 80.7
Skid Mtd Wet Weight (Lbs.) ²	11045	11045

²Please ask sales representative for all undercarriage configurations.



Model Number	OAH 2	OAV 4
Min/Max CFM		
Maximum Free Air Delivery Guaranteed According to ISO1217 ad.3 1996 Annex D	150–330 cfm	320–520 cfm
Min/Max Working Pressure	70 –175 psi	70 –203 psi
Piping from Compressor to Separator Vessel	Included	Included
Gear Ratio to Match Engine RPM's to Desired Performance	Included	Included
Coupler	Not included	Not included
Mininum Power Required (inc. fan) for Maximum Output (HP)	105	197
Compression Stages	1	1
Compressor Cooling System	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	6.36	11.35
Dimensions Compressor Module LxWxH with Canopy (Inch)	38.98 x 37.01 x 47.24	49.21 x 56.3 x 55.91
Compressor module Weight Ready to operate (Lbs.)	1,213	1,951
Dimensions Vessel module LxWxH (Inch)	Included in Above	Included in Above
Vessel module Weight ready to operate (Lbs.)	Included in Above	Included in Above

Model Number	ORV 10	ORV 12	ORX 10	ORX 12
Min/Max CFM Maximum Free Air Delivery Guaranteed According to ISO1217 ad.3 1996 Annex D	480–1,000 cfm	640–1270 cfm	450–955 cfm	640–1250 cfm
Min/Max Working Pressure	232–365 psi	232–365 psi	290–435 psi	290–435 psi
Piping from Compressor to Separator Vessel	Not Included	Not Included	Not Included	Not Included
Gear Ratio to Match Engine RPM's to Desired Performance	Included	Included	Included	Included
Coupler	Not included	Not included	Not included	Not included
Minimum Power Required (inc. fan) for Maximum Output (HP)	405	520	423	557
Compression Stages	2	2	2	2
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	16.94	19.94	16.94	16.94
Dimensions Compressor Module LxWxH with Canopy (Inch)	62.6 x 66.93 x 53.94	62.6 x 66.93 x 53.94	62.6 x 66.93 x 53.94	62.6 x 66.93 x 53.94
Compressor module Weight Ready to operate (Lbs.)	3,031	3,142	3,097	3,208
Dimensions Vessel module LxWxH (Inch)	23.62 x 16.14 x 49.21	23.62 x 16.14 x 49.21	23.62 x 16.14 x 49.21	23.62 x 16.14 x 49.21
Vessel module Weight ready to operate (Lbs.)	661	661	661	661



Atlas Copco is committed.

At Atlas Copco we are committed to sustainable productivity and a clean environment.
Ask about new compressor models being released soon.



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.



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