

Atlas Copco Portable Energy



Sustainable Productivity





Model Number	XAS 90 KD7	XAS 185 CD7 IT4	XAS 185 CD7 PE IT4	XAS 185 CDU7 IT4
FAD Rating	88 cfm/102psi	185 cfm/100psi	185 cfm/100psi	185 cfm/100psi
Min./ Max. Working Pressure	58/128	58/125	58/125	58/125
Engine	Kubota D1105	Caterpillar 2.2	Caterpillar 2.2	Caterpillar 2.2
Engine Control	Mechanical	Mechanical	Mechanical	Mechanical
Aspiration	Natural	Natural	Natural	Natural
Horsepower	26	49	49	49
Number of Cylinders	3	4	4	4
Cooling System	PAR COOL EG	PAR COOL EG	PAR COOL EG	PAR COOL EG
Full Load Speed	3000	2750	2750	2750
Fuel Tank Capacity (Gal.)	8.5	25	25	25
Fuel Consumption @ 0% load (Gal/hr) ¹	0.3	1	1	1
Fuel Consumption @ 100% load (Gal/hr) ¹	0.7	2.7	2.7	2.7
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.)	1.5	2	2	2.5
Air Receiver Capacity (Gal.)	2.5	3.8	3.8	3.1
Sound Pressure Level @ 23 Ft.	70 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	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	2,400	2,330	n/a
Dimensions LxWxH (skid mtd.)	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	2,200	2,130	2,060

¹without FuelXpert™

²Please ask sales representative for all undercarriage configurations.

Portable Air Compressors



Model Number	XAS 400 CD7 iT4	XATS 400 CD7 iT4	XAVS 400 CD7 iT4	XAVS 650 CD7 iT4	XATS 750 CD7 iT4
FAD Rating	393 cfm/100psi	393 cfm/150psi	393 cfm/200psi	646 cfm/200 psi	750 cfm/150 psi
Min./ Max. Working Pressure	58/125	58/175	58/225	58/225	58/175
Engine	Caterpillar C4.4	Caterpillar C4.4	Caterpillar C4.4	Caterpillar C7.1 ACERT	Caterpillar C7.1 ACERT
Engine Control	Electronic	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	115	125	155	250	250
Number of Cylinders	4	4	4	6	6
Cooling System	PAR COOL EG	PAR COOL EG	PAR COOL EG	PAR COOL EG	PAR COOL EG
Full Load Speed	2200	2200	2200	2000	2000
Fuel Tank Capacity (Gal.)	58	58	58	78	78
Fuel Consumption @ 0% load (Gal/hr) ¹	2	2.3	2.9	4.8 ⁴	4.8 ⁴
Fuel Consumption @ 100% load (Gal/hr) ¹	5.8	6.4	7.0	10.9 ⁴	10.9 ⁴
Compression Stages	1	1	1	1	1
Outlet Valve Configuration	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" / 2 x 3/4"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	6.3	6.3	6.3	6.3	6.3
Air Receiver Capacity (Gal.)	11	11	11	16.8	16.8
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	152 x 72 x 68	152 x 72 x 68	152 x 72 x 68	203 x 79 x 83	203 x 79 x 83
Wheel Mtd Wet Weight (Lbs.) ²	4,045	4,045	4,045	7,606 ⁴	7,606 ⁴
Dimensions LxWxH (skid mtd.)	104 x 58 x 65	104 x 58 x 65	104 x 58 x 65	143 x 67 x 83	143 x 67 x 83
Skid Mtd Wet Weight (Lbs.) ²	3,575	3,575	3,575	6,506 ⁴	6,506 ⁴

¹without FuelXpert™

²Please ask sales representative for all undercarriage configurations.

⁴Preliminary specifications subject to change.



Model Number	XAVS 900 CD7 iT4	XATS 1050 CD7 iT4	XAS 1800 CD7 iT4
FAD Rating	860 cfm/200psi	1020 cfm/150psi	1800 cfm/100psi to 1600 cfm/150psi
Min./ Max. Working Pressure	58/203	58/170	58/175
Engine	CAT C9.3 Acert	CAT C9.3 Acert	Caterpillar C-15
Engine Control	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged
Horsepower	300	300	540
Number of Cylinders	6	6	6
Cooling System	PAR COOL EG	PAR COOL EG	PAR COOL EG
Full Load Speed	1800	1800	2100
Fuel Tank Capacity (Gal.)	210	210	240
Fuel Consumption @ 0% load (Gal/hr) ¹	8	8.3	10
Fuel Consumption @ 100% load (Gal/hr) ¹	15.6	15.6	25
Compression Stages	1	1	1
Outlet Valve Configuration	1 x 2.5"	1 x 2.5"	1 x 3"
Compressor Cooling System	Air/Oil	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	16	16	22.5
Air Receiver Capacity (Gal.)	24	24	45.2
Sound Pressure Level @ 23 Ft.	76 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	192.9 x 84.7 x 98.4	192.9 x 84.7 x 98.4	235 x 88 x 101
Wheel Mtd Wet Weight (Lbs.) ²	12,809	12,809	18,700 ⁴
Dimensions LxWxH (skid mtd.)	159.5 x 84 x 88.6	159.5 x 84 x 88.6	185 x 88 x 90
Skid Mtd Wet Weight (Lbs.) ²	11,387	11,387	15,300 ⁴

¹without FuelXpert™

²Please ask sales representative for all undercarriage configurations.

⁴Preliminary specifications subject to change.



Model Number	XRVS 700 CD6 iT4	XRVS 1000 CD6 iT4	XRVS 1350 CD6 iT4	XRVS 1260 CD7 iT4
FAD Rating	695 cfm/365psi	974 cfm/365psi	1335 cfm/365psi	1207cfm/510psi
Min./ Max. Working Pressure	225/392	225/392	232/392	305/510
Engine	CAT C-9	CAT C-13	CAT C-18	CAT C-18
Engine Control	Electronic	Electronic	Electronic	Electronic
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Horsepower	300	426	575	575
Number of Cylinders	6	6	6	6
Cooling System	PAR COOL EG	PAR COOL EG	PAR COOL EG	PAR COOL EG
Full Load Speed	1800	1600	1800	1800
Fuel Tank Capacity (Gal.)	142	142	258	258
Fuel Consumption @ 0% load (Gal/hr) ¹	7	9.9	9.6	12.9
Fuel Consumption @ 100% load (Gal/hr) ¹	14.7	20.3	26.5	27.1
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.)	19.8	19.8	21.7	21.7
Air Receiver Capacity (Gal.)	37.8	37.8	37.8	37.8
Sound Pressure Level @ 23 Ft.	72 dBa	72 dBa	76 dBa	76 dBa
Dimensions LxWxH (wheel mtd.)	222 x 84 x 98	222 x 84 x 98	233 x 86 x 104	233 x 86 x 104
Wheel Mtd Wet Weight (Lbs.) ²	14,820	15,660	18,855	18,855
Dimensions LxWxH (skid mtd.)	159 x 84 x 95	159 x 84 x 95	180 x 89 x 89	180 x 89 x 89
Skid Mtd Wet Weight (Lbs.) ²	13,050	14,250	17,655	17,655

¹without FuelXpert™

²Please ask sales representative for all undercarriage configurations.



Model Number	XR XO 1400 CD7 iT4	XR VO 1550 CD7 iT4
FAD Rating	1424cfm/435psi	1525cfm/365psi
Min./ Max. Working Pressure	275/464	232/392
Engine	CAT C-18TT	CAT C-18TT
Engine Control	Electronic	Electronic
Aspiration	Twin Turbo	Twin Turbo
Horsepower	755	755
Number of Cylinders	6	6
Cooling System	PAR COOL EG	PAR COOL EG
Full Load Speed	1800	1800
Fuel Tank Capacity (Gal.)	NA	NA
Fuel Consumption @ 0% load (Gal/hr) ¹	12	11.6
Fuel Consumption @ 100% load (Gal/hr) ¹	33.9	33.3
Compression Stages	2	2
Outlet Valve Configuration	1 x 2"	1 x 2"
Compressor Cooling System	Air/Oil	Air/Oil
Compressor Oil Capacity (Gal.)	21.1	21.1
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

¹without FuelXpert™

²Please ask sales representative for all undercarriage configurations.



Model Number	XAH 2250 CD6 Standard T3 flex	XAH 2250 CD6 Offshore ³ T3 flex	XRV 2000 CD6 Standard T3 flex	XRV 2000 CD6 Offshore ³ T3 flex
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
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	PAR COOL EG	PAR COOL EG	PAR COOL EG	PAR COOL EG
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	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

¹without FuelXpert™

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.

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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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