

XAS400 AIR COMPRESSOR

410CFM DIESEL AIR COMPRESSOR PORTABLE (7BAR)

Model		XAS 400	XATS 350	XAHS 350	XAVS 450	XAHS 450
Normal effective working pressure	bar	7	10.3	12	14	12
Absolute inlet pressure	bar	1	1	1	1	1
Relative air humidity	%	0	0	0	0	0
Air inlet temperature	°C	20	20	20	20	20
Minimum effective receiver pressure	bar	4	4	4	4	4
Maximum effective receiver pressure (Unloaded)	bar	8.5	11.8	13.5	15.5	15.5
Actual free air delivery	l/s	191	166	166	208	208
Fuel consumption						
at full load	kg/h	19.4	20.4	20.4	31.2	27.9
at unload	kg/h	7.16	8.88	8.88	12.12	12.12
Maximum typical oil content of compressed air	mg/m ³	<5	<5	<5	<5	<5
Max. sound pressure level (Lw @ 2000/14/EC)	dB(A)	-	-	-	-	-
Max. sound pressure level (Lp @ ISO 2151)	dB(A)	80±3	80±3	80±3	80±3	80±3
Max. compressed air temperature at outlet valves	°C	90	90	90	90	90
Max. ambient temperature at sea level with	°C	50	50	50	50	50
Min. starting temperature with cold weather	°C	-20	-20	-20	-20	-20
Min. starting temperature without cold weather	°C	-10	-10	-10	-10	-10
Number of compression stages		1	1	1	1	1
Engine		Cummins		Cummins		
Type		4BTAA3.9-C125		6BTAA5.9-C180		
Coolant		Coolant		Coolant		
Number of cylinders		4		6		
Bore	mm	102		102		
Stroke	mm	120		120		
Swept volume	l	3.9		5.9		
Full Load	rpm	2300		2400		
Unload	rpm	1600		1500		
Power output @ normal shaft speed	kW	93		132		
Capacity of oil sump	l	10		16.3		
Capacity of cooling system	l	8.3		26		
Capacity of compressor oil system	l	24		26.5		
Net capacity of air receiver	l	42		42		
Air volume at inlet grating (approx.)	m ³ /s	6.3		6.5		
Capacity of standard fuel tanks	l	175		175		
Dimensions: Box unit (L x W x H)	mm	2458 x 1350 x 1525		2800 x 1400 x 1600		
Weight - Wet	kg	1600		1825		
Dimensions: Undercarriage (L x W x H)	mm	4120 x 1890 x 1991		4140 x 1940 x 2141		
Weight - Wet	kg	1700		2000		