



## C Series

### Technical Information Sheet

**C85-14 - C125**

**e-08/2007**

Type	DLT 1303								
Trade Name	C85-14		C95-12		C110-9		C125		
<b>Performance Data</b>									
Free Air Delivery at Rated Pressure*	m <sup>3</sup> /min	8,5		9,5		11,3		12,5	
Normal Working Pressure (set at factory) On Load/Off Load	bar g	14	15,5	12	13,5	8,6	10,1	7	8,5
Maximum (rated) Working Pressure: On Load/Off Load	bar g	14	15,5	12	13,5	8,6	10,1	7	8,5
Minimum Working Pressure Pressure: On Load/Off load	bar g	5		5		5		5	
Engine full load speed/Off load speed	rpm	2300 / 1300		2300 / 1300		2300 / 1300		2300 / 1300	
Potencia requerida por el compresor a máx.presión de trabajo y r.p.m.	kW	80		80		80		80	
Fan and alternator power at max rev/min.	kW	8		8		8		8	
Max. ambient temp.at max. working pressure continuous full load	°C	50		50		50		50	
Minimum ambient starting temp.( with standard pressure vessel)	°C	-10		-10		-10		-10	
Max air oil discharge temp (Deduct 10° at air tap)	°C	120		120		120		120	
Delivered air temp. above ambient post optional aftercooler	°C	< 10		< 10		< 10		< 10	
max.altitude above sea level at max. pressure full load	m @°C	1000	45	1000	45	1000	45	1000	45
Fuel consumption at max. working pressure continuous full load	lt/hour	24,5		24,5		24,5		24,5	
Fuel consumption at 66% full load	lt/hour	20		20		20		20	
Fuel consumption at 33% full load	lt/hour	14		14		14		14	
Fuel consumption at idle	lt/hour	9		9		9		9	
<b>Compressor System Details</b>									
Compressor drive gear	ratio	1 : 1,192		1 : 1,327		1 : 1,5		1 : 1,614	
Compressor Oil System Capacity	litre	24		24		24		24	
Pressure Vessel Volume	litre	62		62		62		62	
Pressure Vessel Safety Valve rating	bar g	16		16		16		16	
Compressed Air Outlets		2 x 3/4" 1 x 2"		2 x 3/4" 1 x 2"		2 x 3/4" 1 x 2"		2 x 3/4" 1 x 2"	
<b>Engine details</b>									
Type		CUMMINS QSB4.5							
Output, gross at full load speed	kW	97							
Electrical System		24V negative earth							
Battery : Number/ cold startperformance		2 x 88AH / 395A / 12V							
Alternator		28V - 45A							
Lubricating Oil Capacity	litre	11							
Coolant Capacity	litre	22							
Fuel Tank Capacity	litre	210							
Air Inlet Filters, engine / compressor, 2 stage dry		1 / 1							
<b>Dimensions</b>									
Overall Length, adjustable towbar with 40 mm eye min/max	mm			4390		4555			
Overall width	mm	1820							
Height	mm	1790							
Canopy Length	mm	3100							
Wheel Track	mm	1580							
Ground Clearance,minimum	mm	250							
Adjustable towbar hitch height min/max	mm			435		886			
Tyre Size		215 R 14 C							
Wheel Size		6 J 14H2							
Tyre Pressure	bar g	4,5							
<b>Weight</b>									
Battery (wet)	kg.each	24							
Compressor unit only	kg	220							
Compressor complete, dry (without options, adjustable towbar)	kg	1750							
Compressor complete, wet (without options, adjustable towbar)	kg	1980							
Max. permissible weight	kg	2200							
<b>Noise levels</b>									
Max Sound Power to 2000/14/EC	dB(A) L <sub>WA</sub>	99							
Max Sound Pressure to PNEUROP PN8NTC2.2 @ 1 m	dB(A) L <sub>PA</sub>	82							
Max Sound Pressure to PNEUROP PN8NTC2.2 @ 7 m	dB(A) L <sub>PA</sub>	70							
<b>Protection Equipment</b>									
An electronic operated shut-down system will stop the compressor automatically in the events of:		<ol style="list-style-type: none"> <li>1. Low engine oil pressure</li> <li>2. Low engine coolant level</li> <li>3. High engine coolant temp.</li> <li>4. High motor charger temp.</li> <li>5. High water content in the fuel</li> <li>6. High air temp. (compr. unit)</li> <li>7. Alternator malfunction</li> <li>8. Low fuel level</li> </ol>							
<b>Notes</b>									
*Acc. to ISO 1217 Ed. 1996 Annex D									