

Technical parameters

Type		DACY-20/25	DACY-21/25	DACY-21/6	DACY-22/20	DACY-22.5/14	DACY-25.5/20
Machine							
Free air delivery*	m³/min	20.73	21.00	21.52	22.00	22.50	25.50
	cfm	732	742	760	777	794	900
Normal working pressure	bar(e)	25	25	8	20	14	20
	psig	363	363	116	290	203	290
Dimensions (without towbar)	L(mm)	4250	4250	3125	4000	3820	4250
	W(mm)	2220	2220	1770	2300	1980	2220
	H(mm)	3170	3170	2770	2750	2680	3170
Weight	kg	6500	6500	4000	5500	4400	6500
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 2-1/2**1	G 2-1/2**1	G 1**1 G 1-1/2**1	G 1**1 G 2**1	G 1**1 G 2**1	G 2-1/2**1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		QSZ13-C400-30	QSZ13-C400-30	QSC8.3-C215-30	QSL8.9-C360-30	QSL8.9-C325-30	QSZ13-C400-30
Rated power	kw	298	298	165	264	239	298
	hp	405	405	225	359	325	405
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	130*163*6	130*163*6	114*135*6	116.5*148*6	114*135*6	130*163*6
Engine speed (nominal)	RPM	1800	1800	2200	2100	2200	1900
Engine speed (unloaded)	RPM	1500	1500	1400	1350	1350	1500
Engine oil capacity	L	46	46	28.6	28.6	28.6	46
Coolant capacity	L	160	160	50	80	80	160
Storage battery current CCA		930	930	720	830	830	930
Fuel tank capacity	L	780	780	360	660	590	780
Compressor							
Compressed air vessel capacity	L	220	220	189	220	189	220
Lubricant capacity	L	120	120	90	120	90	120

Type		DACY-25/25	DACY-27/10	DACY-32/10	DACY-33/35	DACY-34/25	DACY-39/25	DACY-45/10
Machine								
Free air delivery*	m³/min	25.85	27	32.00	33.48	34.00	39.00	47.77
	cfm	913	953	1130	1182	1201	1377	1687
Normal working pressure	bar(e)	25	10	10	35	25	25	10
	psig	363	145	145	508	363	363	145
Dimensions (without towbar)	L(mm)	4250	3820	4720	4510	4250	4510	4720
	W(mm)	2220	1980	2160	2160	2220	2160	2160
	H(mm)	3170	2680	3200	3170	3170	3170	3200
Weight	kg	6700	4400	5500	6900	6900	6900	6500
Wheel qty		4	4	4	4	4	4	4
Size and No. of outlet valve		G 2-1/2**1	G 1**1 G 2**1	G 1**1 G 3**1	G 2-1/2**1	G 2-1/2**1	G 2-1/2**1	G 1**1 G 3**1
Diesel engine								
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		QSZ13-C500-30	QSL8.9-C325-30	QSZ13-C400-30	KTA19-P700	KTA19-C600	KTA19-P700	QSZ13-C550-II
Rated power	kw	372	239	298	522	441	522	415
	hp	506	325	405	710	600	710	565
Type		Turbocharging, Charge air cooling						
Bore*Stroke*No. of cylinders	mm	130*163*6	114*135*6	159*159*6	159*159*6	159*159*6	159*159*6	130*163*6
Engine speed (nominal)	RPM	1800	2200	1900	1800	1800	1800	1800
Engine speed (unloaded)	RPM	1500	1350	1500	1200	1400	1200	1400
Engine oil capacity	L	46	28.6	46	46	46	46	46
Coolant capacity	L	160	80	160	200	160	200	160
Storage battery current CCA		930	830	930	930	930	930	930
Fuel tank capacity	L	780	590	780	780	780	780	780
Compressor								
Compressed air vessel capacity	L	220	189	220	247	220	247	247
Lubricant capacity	L	120	90	120	140	120	140	140

* Free air delivery in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20°C.
Note: Skid-mounted type is available.
Specifications are subject to change without notice.



P-DNR201608-02 Specifications are subject to change without prior notice. Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

Portable Rotary Screw Air Compressors

Capacities from 140 to 1687 cfm, 3.98 to 47.77 m³/min
Pressures from 102 to 508 psig, 7 to 35 bar(e)



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DACY SERIES

Denair diesel portable screw air compressors are widely used in all kinds of heavy duty industries, such as mining, hydropower, oil and gas exploitation, borehole, shipyard, construction, chemical industry, quarry, sandblasting, pipeline pressure test, public works, etc. Free air delivery 3.2-45m³/min working pressure 7-35bar make these compressors fit for almost any application.



