

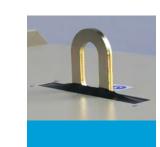


### Serviceability & internal accessibility

erviceability is excellent, with easy access to all naintenance points. All areas have been carefully esigned for ease of inspection, maintenance and epair. Service intervals for different compressor omponents have been rationalized to reduce associated costs for the customer and increase utilization in the plant hire industry.

### Security

Features include a lockable canopy and lockable steel instrument panel cover. In addition, a folding lift bail reduces the risk of theft by keeping the lifting eye within the compressor enclosure.





## Modular design and flexibility

Highly modular design allows optional equipment to be added easily. The wide range of options available allow the machines to be adapted to the specific application, such as fitting of an aftercooler system for abrasive blasting, to a personal paint scheme in the customer's livery.







#### Easy to operate

DIPP compressors have an intuitive, simple key-start sequence. Ideal for rental companies because of the reduced risk of machine abuse by untrained operators. The user-friendly control panel offers an open layout of instruments and warning indicators.

## The Portable Air Compressors journey at **Doosan** starts here





### ftermarket solution

one owner to the next.

Peace of mind

• Dealer stocking programme for frequently-used

through the ability to transfer the warranty from

All compressor packages carry a standard 1 year

or 2000 hour warranty. However, the engine and

airend combination (called the power-train) car-

ries a standard 2 years or 4000 hours warranty.

Conditional on the continued use of genuine

parts, fluids & filters and the machine being

serviced at the correct specified intervals by an authorized DIPP distributor, the power-train warranty can be extended to 5 years or 10.000 hours. This warranty option enhances resale value

- Express availability for other parts
- Factory technical support (available at our manufacturing plant for all product lines)
- Supporting you and your dealer with troubleshooting expertise on difficult service problems

### **Financial solutions**

Financing and leasing options tailored to meet your individual business needs. Our streamlined loan application and credit approval process can quickly make your business plans a reality.

At Doosan Portable Power, you are not just buying a powerful piece of equipment. You are investing in the strength of Doosan Portable Power and its people. From engineers and factory technicians, to field representatives and your dealer, we support your purchase. We are committed to helping you realize maximum value job after job, day after day. Wherever you see a piece of Doosan Portable Power equipment, you'll know that all of Doosan Portable Power team is behind it.

Our industry-leading support system will keep you up and running for as long as you own your Doosan Portable Power equipment. Doosan Portable Power is committed to supporting the product throughout its life. We are dedicated to providing you and your business an invaluable source for product information, financial service, training, technical service bulletins, service, parts and more...





www.doosanportablepower.com



**Doosan Infracore** 



# Portable Air Compressors | Product Range



# **Doosan Portable Air Compressors**

## Performance you can trust

Doosan Infracore Portable Power (DIPP) is proud to present its complete line of CE compliant portable compressors: 24 different models, with free air deliveries between 2 and 45m<sup>3</sup>/min and operating pressures between 7 and 25 bar. Each DIPP compressor is "built to be used" offering the highest level of durability, productivity and serviceability. This proven reliability and retained value makes a DIPP compressor a wise investment in today's competitive environment.













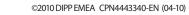


### **High Ambient capability**

All CE compliant models have an LAT value of 46°C. For applications in hot climates outside the CE territory, the High Ambient option offers an LAT of 52°C.

### Large fuel tank capacity

Well-positioned fuel tanks with large filler size, limiting fuel spillage risk.



DICE - Drève Richelle 167 - B-1410 Waterloo, Belgium



## **Portable Air Compressors Specifications**













		1			1		1																		
Model		7/20	7/26E	7/31E	7/41	7/51	7/71	12/56	14/85	10/105	9/110	7/120	14/115	10/125	7/170	12/150	9/270	9/300	12/235	17/235	21/215	10 / 370	10 / 455	25 / 300	25/
COMPRESSOR																									
ree air delivery	m³/min (cfm)	2.0 (65)	2.5 (90)	3.0 (105)	4.0 (141)	5.0 (176)	7.1 (250)	5.6 (200)	8.5 (300)	10.3 (365)	10.6 (375)	12.0 (425)	11.3 (400)	12.7 (450)	17.0 (600)	14,9 (526)	27.0 (950)	30.0 (1060)	23.5 (825)	23.5 (825)	21.5 (750)	36.8 (1300)	45.3 (1600)	30.3 (1070)	33.1 (1
ated operating pressure	bar (psi)	7 (100)	7 (100)	7 (100)	7 (100)	7 (100)	7.0 (100)	12.1 (175)	14.0 (200)	10.3 (150)	8.6 (125)	7.0 (100)	14.0 (200)	10.3 (150)	7.0 (100)	12 (175)	8.6 (125)	8.6 (125)	12.0 (175)	17.2 (250)	21.0 (300)	10.3 (150)	10.3 (150)	25 (365)	25 (3
Maximum allowable pressure	bar (psi)	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)	8.6 (125)	13.0 (190)	15.5 (225)	12.1 (175)	10.3 (150)	8.6 (125)	15.5 (225)	12.1 (175)	8.6 (125)	12,7 (184)	10.3 (150)	10.3 (150)	13.8 (200)	19 (275)	22.8 (330)	12.1 (175)	12.1 (175)	25.9 (375)	25.9
afety valve setting	bar (psi)	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	10.0 (145)	15.0 (217)	17.2 (250)	13.8 (200)	13.8 (200)	10.3 (150)	17.2 (250)	13.8 (200)	12.0 (175)	15 (218)	15.0 (217)	15.0 (217)	15.0 (217)	28.5 (413)	28.5 (413)	13.7 (200)	13.7 (200)	29.3 (425)	29.3
NGINE				'		·									'	'						'		·	'
1ake	'	Kubota	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	John Deere	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Caterpillar	Cate						
Model		3IRJ5N	3IRH2NS	3IRH8N	4IRH8N	4IRI8NE-2	4IRI8TE	4IRI8TE	4IRD5AE	4IRD5AE	4IRD5AE	4IRD5AE	6IRF8AE	6IRF8AE	6IRF8AE	QSB 6,7 FR91440	6IRQ9AE	6IRQ9AE	6IRQ9AE	6IRQ9AE	6IRQ9AE	QSX 15	QSX 15	C15	C
umber of cylinders	,	3	3	3	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	
ull load speed	rpm	3000	2800	2800	2800	2400	2300	2300	2200	2200	2200	2200	2200	2200	2200	2000	1800	1800	1800	1800	1800	1800	1800	1800	18
ower	kW (hp)	17.5 (23.5)	21.2 (28.5)	26.0 (34.8)	34.8 (47.0)	50.2 (67.3)	59.2 (79.4)	59.2 (79.4)	93 (125)	93 (125)	93 (125)	93 (125)	129 (173)	129 (173)	129 (173)	164 (220)	224 (300)	254 (340)	224 (300)	254 (340)	254 (340)	380 (510)	418 (560)	354 (475)	403
Electrical	volts	12	12	12	12	12	12	12	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	2
Cooling	,	water	water	water	water	water	water	water	water	water	water	water	water	water	water	Water	water	water	water	water	water	water	water	water	W
uel tank capacity	litres	26	50	50	40	50	112	112	219	219	219	219	276	276	276	310	550	550	550	550	550	870	870	874	8
ir outlets BSPT (British Standard Pipe Thread)		2x¾"	2x¾"	2x¾"	2x¾"	3x¾"	1x1¼", 3x¾"	1x1¼", 3x¾"	1x1¼", 3x¾"	1x1¼", 3x¾"	1x1¼", 3x¾"	1x1¼", 3x¾"	1x2", 1x1¼", 2x¾"	1x2", 1x1¼", 2x¾"	1x2", 1x1¼", 2x¾"	1x2", 1x1¼", 2x¾"	1x2", 3x1¼"	1x2", 3x1¼"	1x2", 3x1¼"	1x2", 3x1¼"	1x2", 3x11/4"	1x3"	1x3"	1x3"	1
OUND LEVEL DATA																									
ully compliant to outdoor noise directive 2000/14/EC (20	006) LWa	97	98	98	98	98	99	99	99	99	99	99	99	99	99	99	100	100	100	100	100	NA	NA	NA	N
YRES																									
yre size	1	155R13	155R13	155R13	155R13	155R13	185 R14 C	185 R14 C	205/75 R16	205/75 R16	205/75 R16	205/75 R16 *	205/75 R17.5	205/75 R17.5	205/75 R17.5 **	225/75R16	750/16 6PR	750/16 6PR	750/16 6PR	750/16 6PR	750/16 6PR	215/75R17.5H	215/75R17.5H	215/75R17.5H	215/75
Number of wheels		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	
IMENSIONS (WITH RUNNING GEAR)																									
ength (fixed height)	mm	2611	2923	2923	3052	3457	3565	3565	4120	4120	4120	4120	4852	4852	4852	4847	4850	4850	4850	4850	4850	5840	5840	5840	58
ength min~max (adjustable height)	mm	2695 ~ 2905	3213 ~ 3369	3213 ~ 3369	3322 ~ 3577	3537 ~ 3827	3806 ~ 4062	3806 ~ 4062	4262 ~ 4478	4262 ~ 4478	4262 ~ 4478	4262 ~ 4478	4793 ~ 4998	4793 ~ 4998	4793 ~ 4998	4995~5155	NA	NA	NA	NA	NA	-	-	-	
Vidth	mm	1272	1390	1390	1390	1520	1700	1700	1985	1985	1985	1985	1985	1985	1985	2130	2004	2004	2004	2004	2004	2290	2290	2290	22
leight	mm	1130	1235	1235	1369	1486	1545	1545	1810	1810	1810	1810	1890	1890	1890	2122	2290	2290	2290	2290	2290	2540	2540	2540	25
leight			220	220	250	250	250	250	250	250	250	250	250	250	250	293	300	300	300	300	300	200	200	200	2
-	mm	205	The state of the s		672 / 706	870 / 920	1250 / 1290	1250 / 1290	1935/1965	1935/1965	1935 / 1965	1935 / 1965	2570 / 2650	2570 / 2650	2570 / 2650	2566/2618	4665	4665	4665	4665	4665	7302	7302	6774	67
Ground clearance	mm kg	205 430	575 / 590	595 / 610	673 / 706	0/0/920	1230 / 1290	.250, .270						0==0 /00=0	2770 / 2850	2816/2868	5125	5125	5125	5125	5125	8069	8069	7600	76
round clearance /eight (net) fixed/adjustable				595 / 610 635 / 650	706 / 739	905 / 955	1345 / 1385	1345 / 1385	2121 / 2151	2121 / 2151	2121 / 2151	2121 / 2151	2770 / 2850	2770 / 2850	277072030				3123	3123	3123	0007			
round clearance /eight (net) fixed/adjustable /eight (working) fixed/adjustable	kg	430	575 / 590						2121 / 2151	2121 / 2151	2121 / 2151	2121 / 2151	2770 / 2850	2//0/2850	277072030	,			3.23	3123	3123	0003			
round clearance /eight (net) fixed/adjustable /eight (working) fixed/adjustable IMENSIONS (ON SHIPPING SUPPORT)	kg	430	575 / 590						2121 / 2151 2675	2121 / 2151	2121 / 2151	2121 / 2151 2675	2770 / 2850 3122	3122	3122	3350	4520	4520	4520	4520	4520	5670	5670	5670	50
ound clearance eight (net) fixed/adjustable eight (working) fixed/adjustable MENSIONS (ON SHIPPING SUPPORT) ngth	kg kg	430 445	575 / 590 615 / 630	635 / 650	706 / 739	905 / 955	1345 / 1385	1345 / 1385								3350 1590	4520 2004						5670 2290	5670 2290	
round clearance /eight (net) fixed/adjustable /eight (working) fixed/adjustable IMENSIONS (ON SHIPPING SUPPORT) ength /idth	kg kg mm	430 445	575 / 590 615 / 630 1764	635 / 650	706 / 739 1785	905 / 955	1345 / 1385 2475	1345 / 1385 2475	2675	2675	2675	2675	3122	3122	3122			4520	4520	4520	4520	5670			22
iround clearance Veight (net) fixed/adjustable Veight (working) fixed/adjustable IMENSIONS (ON SHIPPING SUPPORT) ength Vidth leight	kg kg mm mm	430 445 1443 940	575 / 590 615 / 630 1764 940	635 / 650 1764 940	706 / 739 1785 940	905 / 955 2128 1070	1345 / 1385 2475 1200	1345 / 1385 2475 1200	2675 1380	2675 1380	2675 1380	2675 1380	3122 1550	3122 1550	3122 1550	1590	2004	4520 2004	4520 2004	4520 2004	4520 2004	5670 2290	2290	2290	2 2
Veight (net) fixed/adjustable Weight (working) fixed/adjustable Weight (working) fixed/adjustable DIMENSIONS (ON SHIPPING SUPPORT) Length Width Height Weight (net) Weight (working)	kg kg mm mm	430 445 1443 940 930	575 / 590 615 / 630 1764 940 1145	635 / 650 1764 940 1145	706 / 739 1785 940 1204	905 / 955 2128 1070 1230	1345 / 1385 2475 1200 1427	1345 / 1385 2475 1200 1427	2675 1380 1400	2675 1380 1400	2675 1380 1400	2675 1380 1400	3122 1550 2055	3122 1550 2055	3122 1550 2055	1590 1700/2130	2004 2040	4520 2004 2040	4520 2004 2040	4520 2004 2040	4520 2004 2040	5670 2290 2210	2290 2210	2290 2210	22 22 65
Ground clearance Weight (net) fixed/adjustable Weight (working) fixed/adjustable DIMENSIONS (ON SHIPPING SUPPORT) Length Width Height Weight (net)	kg kg mm mm mm kg	430 445 1443 940 930 385	575 / 590 615 / 630 1764 940 1145 495	1764 940 1145 515	706 / 739 1785 940 1204 553	905 / 955 2128 1070 1230 760	1345 / 1385 2475 1200 1427 1196	1345 / 1385 2475 1200 1427 1196	2675 1380 1400 1660	2675 1380 1400 1660	2675 1380 1400 1660	2675 1380 1400 1660	3122 1550 2055 2420	3122 1550 2055 2420	3122 1550 2055 2420	1590 1700/2130 2233	2004 2040 4465	4520 2004 2040 4465	4520 2004 2040 4465	4520 2004 2040 4465	4520 2004 2040 4465	5670 2290 2210 7030	2290 2210 7030	2290 2210 6502	56 22 22 65 72 N

\* Or 215/75 R16 \*\* 225/75 R16 for France

## Factory Fitted Option (see table for availability per model)



Feature: Comprehensive running gear configu ration with EC lighting requirements on all road tow running gear 7/20 through to 7/170. Benefit: Gives towing height flexibility.



Benefit: Reduced risk of machine damage.





Less Running Gear - Shipping support
Feature: Temporary metal support to ensure safe
Feature: Permanent metal support replacing the
Feature: Permanent metal support replacing the

duces the risk of theft.



ard. (Except 7/20, not required on 9/270 through downstream pneumatic tools. It is available up to lower enclosure. Benefit: Helps on-site manoeuvrability Benefit: Increases tool reliability and life.



chocks can help prevent machine movement on a venience for the operator.



20m of 3/4" hose. Available on certain models only. take a IR30 (30 kg) breaker.



Jockey wheel Lubricator Wheel chocks Light weight compressor mounted hose real Feature: All units have a jockey wheel as stand- Feature: An in-built lubricator option helps to oil the 7/170, excluding the 14/115 and 10/125.

Benefit: A legal requirement in Germany, these
Benefit: Longer hose life and reliability, increased con-



sor flexibility by supplying electrical output in addition

ances can be run in parallel to pneumatic equipment





Wheel nut position indicator nuts and set in a recognizable pattern.

loosen, the set pattern will be broken.

Clip for vehicle registration plate Custom colour (RAL code required) Wheel nut position indicator Dual pressure switch (>7 bar units) High ambient version (LAT 52°C)



Opt Opt Opt Opt - - -

- Opt Opt Opt Opt Opt - Opt -

Spark arrestor basic but key safety feature for hazardous area Benefit: Safety precaution – should a wheel nut applications. Benefit: Eliminates the risk of exhaust sparks.

Feature: The checkpoints are fixed to the wheel Feature: Diesel engine exhaust spark arrestors are a Feature: Should the engine begin to accelerate due to volatile vapours in the atmosphere, an overspeed valve Benefit: Prevents damage due to overspeed.

# **Features and options**

#### Features and options (not exhaustive) 7/31E 12/56 9/110 10/125 9/300 10/455 10/105 14/115 12/235 25/300 17/235 25/330 21/215 Fixed height unbraked running gear Std Std Std Std Std Std - -Fixed height braked running gear Variable height unbraked running gear (incl. side bars) Opt Opt - - - - - -Variable height braked running gear (incl. side bars) Opt Opt Opt Opt Opt Opt - -Wagon wheel type running gear Less running gear (base support mount with central drains) Std Opt Opt - - - - -Prop stand Jockey wheel Roadlights Opt Opt Opt Opt Opt Opt - -Laser etching (rear canopy panel) Opt Opt Opt Opt Opt Opt - - -Lubricator Toolbox Opt Opt Opt Opt Opt Opt Opt Opt Aftercooler and water separator Aftercooler, water separator and filters (IQ) CE - - Opt Opt - - -Aftercooler, water separator, filters and reheater Spark arrestor Opt Opt Opt Opt Opt Opt Opt Opt Overspeed valve Hose reel Security lift bail 6 kVA generator (simultaneous operation) Opt Opt Opt Opt Opt - Opt Opt Wheel chocks