

# Air compressors

Power is productivity! The portable compressors in our range deliver the power to get the job done. Designed for demanding job sites, our compressors allow operators to run multiple hand tools and hammers at the same time for maximum efficiency. They're also ideal for sandblasting, irrigation blow-outs and general construction applications\*. With noise-reducing enclosures, straightforward controls and a low-maintenance design, they're built for reliable performance day in and day out.

## Features:

- User friendly controls (with shutdowns and safeties)
- Easy to maneuver and transport
- Low maintenance design
- Fuel efficient design

## Common options:

- Cold climate packages
- Aftercooled and filtered air (depends on model)
- Many others available upon request



Compressor		CPS 110 KD8 T4F	CPS 185 KD T4F	CPS 185 KDU T4F
Free air delivery (FAD) @ effective working pressure	cfm	110	185	185
Normal effective working pressure	psig	100	100	100
Maximum unloaded pressure	psig	115	125	125
Minimum working pressure	psig	58	58	58
Air compressor outlets		2 x 3/4"	2 x 3/4"	(1) x 1 1/4" NPT (*)
Max. sound pressure level (LPA) at 7m (23ft)	dB(A)	76	76	76
Max. ambient temperature at sea level	F (C)	125 (50)	125 (51)	125 (51)
Min. starting temperature (without cold start aid)	F (C)	14 (-10)	14 (-10)	14 (-10)
Min. starting temperature (with cold start aid)	F (C)	-4 (-20)	-13 (-25)	-13 (-25)
Compressor oil	Gal (L)	1.9 (7.5)	2.25 (8.5)	2.25 (8.5)
Capacity fuel tank	Gal (L)	7.5 (28.5)	20 (75)	25 (94)
Fuel consumption @ 100% load	Gal/hr (L/hr)	1.3 (5)	2.5 (9.4)	2.3 (8.8)
Fuel autonomy at full load standard (**)	hr	5.5	8	10.6

## Engine

		Kubota D902	Kubota D1803T	Kubota V2403
Model		Kubota D902	Kubota D1803T	Kubota V2403
Number of cylinders		3	3	4
Displacement	L	0.898	1.8	2.4
Power output @ normal shaft speed	hp	25	49	49
Emissions level		Tier 4 Final	Tier 4 Final	Tier 4 Final
Full load rpm	rpm	3600	2700	2700
Unload rpm	rpm	2000	1800	1600

## Box/skid unit dimensions

		CPS 110 KD8 T4F	CPS 185 KD T4F	CPS 185 KDU T4F
Length x width x height	Inches	61 x 41 x 38	78 x 43 x 53	87.25 x 34 x 55
Weight (wet)	lbs (kg)	970 (440)	-	2115 (959)

## Trailer undercarriage dimensions

		CPS 110 KD8 T4F	CPS 185 KD T4F	CPS 185 KDU T4F
Length x width x height	Inches	79 x 48 x 51	128 x 60 x 57	NA
Weight (wet)	lbs (kg)	1102 (500)	2185 (993)	NA

(\*) Y valve w/two 3/4" discharge valves shipped loose.

(\*\*) optional



#### Compressor

		CPS 250 KD8 T4F	CPS 400-150 JD T4F	CPS 400-200 JD T4F	CPS 650 JD T4F	CPS 900 JD T4F
Free air delivery (FAD) @ effective working pressure	cfm	250/189	440/400	400/366	650/575	867/750
Normal effective working pressure	psig	100/150	100/150	175/200	200/250	100/150
Maximum unloaded pressure	psig	175	175	225	265	175
Minimum working pressure	psig	58	58	58	58	58
Air compressor outlets		1 x 1 1/2" * & 3 x 3/4"	1 x 1 1/2" & 2 x 3/4"	1 x 1 1/2" & 2 x 3/4"	1 x 2" & 2 x 3/4"	1 x 2" & 2 x 3/4"
Max. sound pressure level (LPA) at 7m (23ft)	dB(A)	76	76	76	76	76
Max. ambient temperature at sea level	F (C)	113 (45)	115 (46)	115 (46)	120 (49)	120 (49)
Min. starting temperature (without cold start aid)	F (C)	14 (-10)	14 (-10)	14 (-10)	N/A	N/A
Min. starting temperature (with cold start aid)	F (C)	-4 (-20)	-4 (-20)	-4 (-20)	-13 (-25)	-13 (-25)
Compressor oil	Gal (L)	2.9 (11)	7.25 (27.4)	7.25 (27.4)	8.5 (32.2)	8.5 (32.2)
Capacity fuel tank	Gal (L)	23 (87)	52 (197)	52 (197)	88 (333)	88 (333)
Fuel consumption @ 100% load	Gal/hr (L/hr)	-	6.5/7.3 (24.5/27.6)	7/6.5 (26.5/24.5)	10.5 (39.8)	10.6 (40.2)
Fuel autonomy at full load standard (**)	hr	-	8	8	8.3	8.3
Capacity of diesel exhaust fluid	Gal (L)	N/A	5.4 (20.4)	5.4 (20.4)	11.25 (42.75)	11.25 (42.75)

#### Engine

Model		Kubota V2403T	John Deere 4045	John Deere 4045	John Deere 6068	John Deere 6068
Number of cylinders		4	4	4	6	6
Displacement	L	2.4	4.5	4.5	6.8	6.8
Power output @ normal shaft speed	hp	66	134	148	250	250
Emissions level		Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Full load rpm	rpm	2700/2200	2400/2250	2200/2000	2100	2100/1850
Unload rpm	rpm	1800	1500	1500	1300	1300

#### Box/skid unit dimensions

Length x width x height	Inches	91 x 54 x 60	118 x 60 x 69	118 x 60 x 69	145.5 x 67 x 78	145.5 x 67 x 78
Weight (wet)	lbs (kg)	2425 (1100)	-	-	7695 (3490)	7695 (3490)

#### Trailer undercarriage dimensions

Length x width x height	Inches	-	165 x 72 x 74	165 x 72 x 74	203 x 82 x 87.5	203 x 82 x 87.5
Weight (wet)	lbs (kg)	-	4555 (2066)	4555 (2066)	7980 (3620)	7980 (3620)

(\*\*) optional