

# ENGINE Spec Guide

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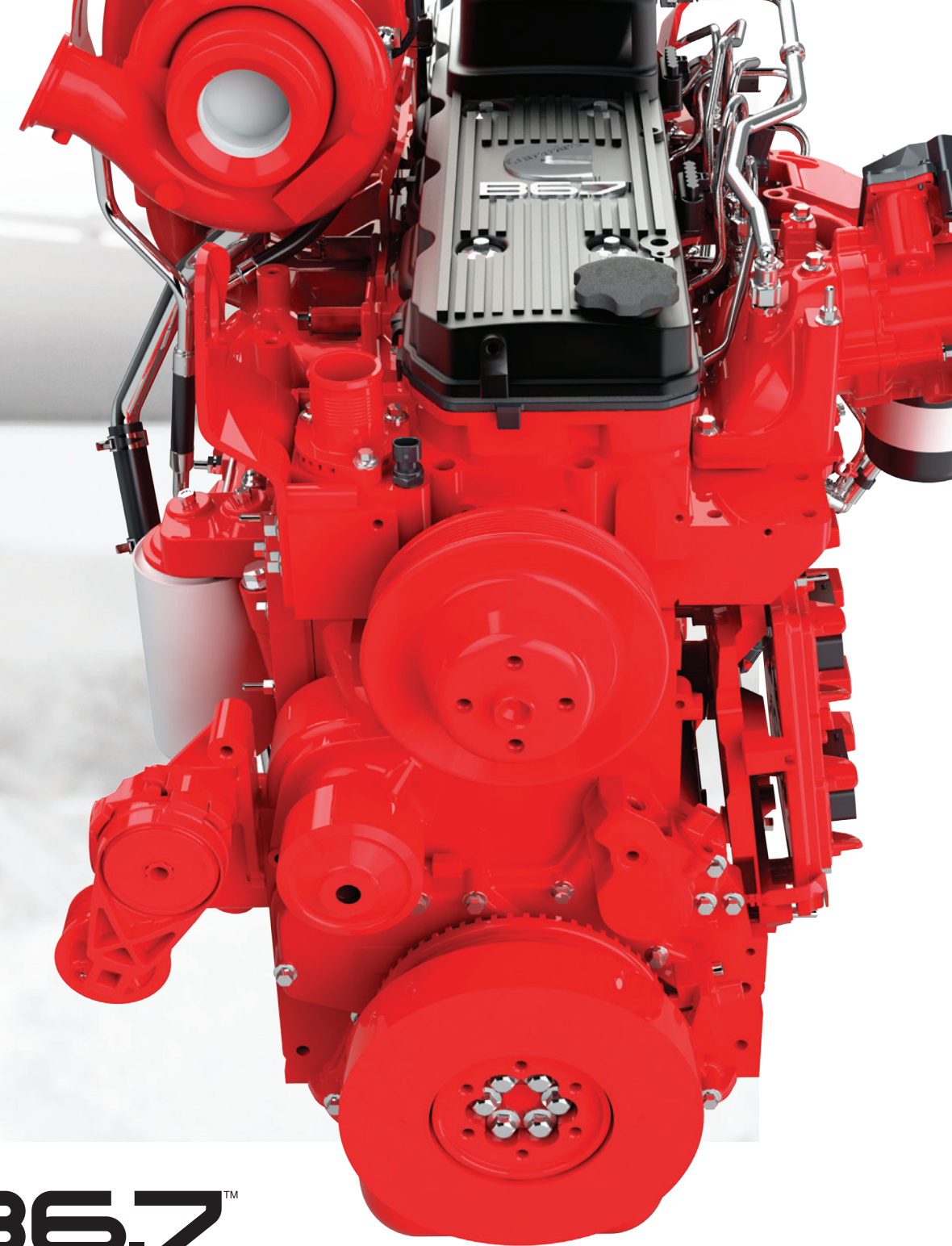


JOHN DEERE





# POWER TO DO MORE FOR YOU.



Resilient product. Global support.  
Engines that have the power to do more for you.

The Cummins B6.7 Performance Series engine is proven in a wide range of industrial applications. Power increases to 326 hp / 243 kW enabling replacement of engines with higher displacement with no impact on productivity.

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**B6.7**<sup>™</sup>  
PERFORMANCE  
S E R I E S



hp Range Category	hp	Disp. liters (l)	Torque (lbs.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment	Dimensions (in.)			Weight Wet (lbs.)	Weight Dry (lbs.)	Family/Series	Model	Company
							L	W	H					
1.0	0.025	0.74	G	EPA Phase 3/CARB Tier 3		7.4	6.4	7.6	8.7	9.1	Mini 4-Stroke	GX25	Honda Engines	
3.4	0.22	7.2	D	Tier 4		14.1	10.8	16.4		61.7	Diesel Air-Cooled	KD15-225S	Kohler Co.	
3.6	0.121	5.5	G	EPA Phase 3/CARB Tier 3		23.3	22.9	10.2	11.6	11.4	GX	GXR120	Honda Engines	
4.00	0.14	7.10	G	EPA Phase 3	Catalyst	12.2	14.9	14.3		29.8	PLMH	CMXX Commercial 136cc	Liquid Combustion Technology (LCT)	
4.4	0.160	6.9	G	EPA Phase 3/CARB Tier 3		25.0	22.1	15.6	12.9	14.0	GC	GCV160	Honda Engines	
4.5	0.22	7.6	D	Tier 4		14.1	10.4	16.4		61.7	Diesel Air-Cooled	KD15-225	Kohler Co.	
4.6	0.160	6.9	G	EPA Phase 3		29.7	25.3	13.3	14.7	13.0	GC	GC160	Honda Engines	
5	0.169		G	Tier 3/Phase 3		10.78	14.42	14.22		39.5	Vanguard®	160 (h/s)	Briggs & Stratton Corporation	
5.1	0.187	8.3	G	EPA Phase 3/CARB Tier 3		33.0	28.7	15.7	13.5	14.3	GS	GSV190	Honda Engines	
5.5	0.2	10	G	EPA Phase 3/CARB Tier 3		12.5	14.4	13.5		35.3	SH Series	SH255	Kohler Co.	
6.0	0.347	10.8	D	Tier 4/Stage 5	DOC	14.7	18.1	15.2		94.4	B Vertical, Electronically Controlled	1B30VE	Hatz Diesel	
6	0.21	10.42	G	EPA Phase 3/CARB Tier 3		12.7	15.2	14.2		38.7	Command PRO	CH260	Kohler Co.	
6.3	0.416	15.9	D	Tier 4		17.8	19.8	19.7		120.0	OC	OC95-E4	Kubota Engine America Corp.	
6.4	0.32	9.7	D	Tier 4 Final	DOC	14.9	17.6	18.6		94.7	L-W	L70W	Yanmar America Corp.	
6.5	0.203		G	Tier 3/Phase 3		11.39	14.78	14.22		39.5	Vanguard®	200 (h/s)	Briggs & Stratton Corporation	
6.5	0.15	6.5	G	EPA Phase 3/CARB Tier 3		14.4	14	10.5		23.8	XT Series	XT650	Kohler Co.	
6.50	0.21	9.50	G	EPA Phase 3/CARB Tier 3		12.7	17.3	14.3		35.00	PLMH	CMXX Commercial 208cc	Liquid Combustion Technology (LCT)	
6.7	0.35	10.8	D	Tier 4		15.2	12.2	17.5		72.8	Diesel Air-Cooled	KD15-350S	Kohler Co.	
6.75	0.15	6.75	G	EPA Phase 3/CARB Tier 3		14.4	14	10.5		25.3	XTX Series	XTX675	Kohler Co.	
6.9	0.635			Tier 4 Final/Stage 5		17.6	16.9	20.9		163	L Series	L2E	Mitsubishi Turbocharger and Engine America Inc.	
6.9	0.325	13.0	D	Tier 4		12.3	22.3	18.0		120.0	EA	EA330-E4	Kubota Engine America Corp.	
7.75	0.17	7.75	G	EPA Phase 3/CARB Tier 3		17.1	13.9	11		26.9	HD Series	HD775	Kohler Co.	
8	0.305		G	Tier 3/Phase 3		16.60	12.40	15.90		57	Vanguard®	Single-Cylinder (h/s)	Briggs & Stratton Corporation	
8.4	0.270	14.1	G	EPA Phase 3		67.1	55.0	15.0	16.9	16.6	iGX	iGX270	Honda Engines	
9.1	0.44	16.2	D	Tier 4		13.2	15.9	19.2		99.1	Diesel Air-Cooled	KD440	Kohler Co.	
9.1	0.435	15.1	D	Stage 5		16.4	18.5	19.4		118.0	L-V	L100V	Yanmar America Corp.	
9.5	0.28		TF	EPA Phase 3/CARB Tier 3		15.9	16.8	16.7		61.5	Command PRO	CH395TF	Kohler Co.	
9.5	0.2	9.5	G	EPA Phase 3/CARB Tier 3		15.6	14.1	11.1		33.5	XTX Series	XTX950	Kohler Co.	
9.50	0.31	15.00	G	EPA Phase 3	Catalyst	14.0	18.4	16.8		57.3	PLMH	CMXX Commercial 306cc	Liquid Combustion Technology (LCT)	
9.8	0.44	13.2	D	Tier 4		13.2	15.9	20.2		99.1	Diesel Air-Cooled	KD420	Kohler Co.	
10	0.305		G	Tier 3/Phase 3		16.60	12.40	15.98		57	Vanguard®	Single-Cylinder (h/s)	Briggs & Stratton Corporation	
10	0.51	2.4	D	Tier 3		18.3	16.6	22.4		132.3	Diesel Air-Cooled	3 LD 510	Kohler Co.	
10.2	0.389	17.8	G	EPA Phase 3		77.2	73.3	17.1	15.1	16.0	GX	GXV390	Honda Engines	
10.6	0.517	18.9	D	Tier 4/Stage 5	DOC	14.4	16.2	18.9		126.8	B Electronically Controlled	1B50E	Hatz Diesel	
11	0.22	11	G	EPA Phase 3/CARB Tier 3		15.6	14.1	11.1		33.5	XTX Series	XTX1100	Kohler Co.	
11.7	0.389	19.5	G	EPA Phase 3		91.7	80.1	16.1	19.1	17.6	iGX	iGX390	Honda Engines	
11.8	0.51	22	D	Tier 4 Final/Stage 5							C0.5	C0.5	Caterpillar Inc.	
11.8-23.9	0.99-1.6	36.5-45.1	D	Tier 4 Final		21.3-22.6	16.1-20.2	21.9-26.9		227-348	3C Series		Isuzu Motors America (Powertrain Division)	
13	0.479		G	Tier 3/Phase 3		10.98	16.14	17.24		72	Vanguard®	Small Block (v/s)	Briggs & Stratton Corporation	
13.00	0.42	21.00	G	EPA Phase 3	Catalyst	14.0	18.4	17.0		69.5	PLEH	CMXX Commercial 420cc EFI	Liquid Combustion Technology (LCT)	
13.3	0.479	21.9	D	Tier 4		13.3	15.2	22.2		117.0	Super Mini	Z482-E4	Kubota Engine America Corp.	
14	0.408		G	Tier 3/Phase 3		14.30	17.90	18.10		78	Vanguard®	400 (h/s)	Briggs & Stratton Corporation	
14	0.43		TF	EPA Phase 3/CARB Tier 3		16.2	17.8	17.4		72.8	Command PRO	CH440TF	Kohler Co.	
14.5	0.722	39.3	D	Tier 4/Stage 5	DOC	14.7	19.9	23.6		235.9	D Electronically Controlled	1D90E	Hatz Diesel	
15.00	0.48	24.50	G	EPA Phase 3	Catalyst	15.5	18.4	17.2		72.0	PLMH	CMXX Commercial 479cc	Liquid Combustion Technology (LCT)	
15.4	0.69	25	D	Tier 4		16.6	16.2	20.3		145.4	Diesel Liquid-Cooled	KDW702	Kohler Co.	
16.8	0.095		D	Tier 4 Final/Stage 5		21	16.7	19.6		192	L Series	L3E	Mitsubishi Turbocharger and Engine America Inc.	
17.8	0.76	32	D	Tier 4 Final/Stage 5							C0.7	C0.7	Caterpillar Inc.	
17.8	0.76	32	D	Tier 4 Final/Stage 5							400 Series	403J-07	Perkins Engines Co. Ltd.	
19.0	0.993	38.1	D	Tier 4 Final/Stage 5		20.8	16.9	19.4		273.0	TNV	3TNV74F	Yanmar America Corp.	
19.5	0.54	31	G	EPA Phase 3/CARB Tier 3		18	15.5	14.2		75	5400 Series	K5595	Kohler Co.	
20.0	0.719	33.8	D	Tier 4		16.0	15.2	22.2		139.0	Super Mini	D722-E4	Kubota Engine America Corp.	
20.5	0.67	35.7	G	EPA Phase 3/CARB Tier 3		14	17.7	19		90	Command PRO	CH640	Kohler Co.	
20.8	0.688	35.6	G	EPA Phase 3/CARB Tier 3		101.2	97.7	15.9	16.1	17.2	GX V-Twin	GX630 <sup>C</sup>	Honda Engines	
21	0.66		G	EPA Phase 3/CARB Tier 3		18.6	16.7	13.4		82	6600 Series	KT620	Kohler Co.	
21	0.73	40.7	G	EPA Phase 3/CARB Tier 3		18.8	17.5	17		91	Confidant	ZT720	Kohler Co.	
23	0.627		G	Tier 3/Phase 3		12.52	16.02	17.68		77	Vanguard®	Small Block (h/s)	Briggs & Stratton Corporation	
23.7	1.03	36.8	D	Tier 4		20.2	16.2	20.3		187.3	Diesel Liquid-Cooled	KDW1003	Kohler Co.	
23.9	0.993	39.6	D	Tier 4 Final/Stage 5		20.6	17.8	21.4		256.0	MINIMAX	3TNM74F	Yanmar America Corp.	
24	0.810		G	Tier 3/Phase 3		19.94	18.53	22.89		92	Vanguard®	810cc (v/s) <sup>B</sup>	Briggs & Stratton Corporation	
24	1.18	48	D	Tier 4 Final		19.7	16.4	25.5		264	1.2	D1.2 L3	DEUTZ Corp.	

LETTER KEY:

A= For On-Highway  
 B= For Lawn & Garden  
 C= Dimension and weight without muffler or fuel tank.

D= Available under Tier 4 Final using Transition Program for Equipment Manufacturers (TPEM). Available in other regulated areas.  
 E= Weight and dimensions with CAC cooling system

FUEL KEY:

G = Gas  
 D = Diesel  
 P = Propane  
 B# = % of Biofuel  
 TF = Tri-Fuel  
 NG = Natural Gas  
 CNG = Compressed Natural Gas  
 LNG = Liquefied Natural Gas  
 RNG = Renewable Natural Gas  
 LPG = Liquefied Petroleum Gas



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hp Range Category	hp	Disp. liters (l)	Torque (lbs.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment	Dimensions (in.)			Weight Wet (lbs.)	Weight Dry (lbs.)	Family/Series	Model	Company	
							L	W	H						
	24	1.37	51.6	D	Tier 4		23.5	16.2	20.3		216	Diesel Liquid-Cooled	KDW1404	Kohler Co.	
	24.7	1.464	95.1	D	Tier 4	DOC	26.0	22.4	25.6		291	H	3H50T	Hatz Diesel	
	24.8	0.740	41.3	G	EPA Phase 3/CARB Phase 3/Stage 5	3-Way Catalyst	16.1	15.6	21.3		137.0	Super Mini	WG752-G-E3	Kubota Engine America Corp.	
	24.9	0.779	40.2	G	EPA Phase 3/CARB Tier 3		114.8	110.9	25.3	19.4	18.2	GX V-Twin	iGXV800C	Honda Engines	
25-48 hp	25	0.724		G	Tier 3/Phase 3		19.30	17.60	15.70		84	Commercial Series	Commercial Series (v/s)	Briggs & Stratton Corporation	
	25	1.7	76	D	Tier 4 Final/Stage 5							C1.7	C1.7	Caterpillar Inc.	
	25	2.2	92	D	Stage 5		22.7	21.7	28.5		441	2.2	D 2.2 L3	DEUTZ Corp.	
	25	0.75	39.4	G	EPA Phase 3/CARB Tier 3		18.6	17.5	13.9		85	7500 Series EFI	EKT740	Kohler Co.	
	26	0.810		G	Tier 3/Phase 3		19.94	18.53	22.89		92	Vanguard®	810cc (v/s) <sup>B</sup>	Briggs & Stratton Corporation	
	27	0.75	42.2	G	EPA Phase 3/CARB Tier 3		14.6	17.7	24.5		105	Command PRO	CH752	Kohler Co.	
	29	0.82	45.2	P	EPA Phase 3/CARB Tier 3		19.7	20.5	24		136	Command PRO EFI Propane	PCV860	Kohler Co.	
	29.5	0.962	48.8	LPG	EPA Phase 3/CARB Phase 4/Stage 5	3-Way Catalyst	19.5	15.4	19.8		170.0	Super Mini	WG972-L-E4	Kubota Engine America Corp.	
	31	1.55	66.4	D	Tier 3		22.56	17.64	26.5		386	2011	D 2011 L2i	DEUTZ Corp.	
	31	1.55	66	D	Tier 3		18.82	17.64	26.5		385	2011	D 2011 L2o	DEUTZ Corp.	
	32	0.896		G	Tier 3/Phase 3		23.66	20.24	24.65		125	Vanguard®	BIG BLOCK™ (v/s)	Briggs & Stratton Corporation	
	32.5	1.00	53.5	G	EPA Phase 3/CARB Tier 3		15.3	19	27.5		132	Command PRO	CH940	Kohler Co.	
	33	0.993		G	Tier 3/Phase 3		14.92	19.53	28.54		125	Vanguard®	BIG BLOCK™ (h/s)	Briggs & Stratton Corporation	
	33	1.498	87.4	D	Tier 4/Stage 5	DOC + DPF	30.2	18.3	27.0		373.0	05 Series	V1505T-CR-E5	Kubota Engine America Corp.	
	34.5	0.69	34.5	G	EPA Phase 3/CARB Tier 3		14.8	18.9	24.5		108	Command PRO EFI	ECH650	Kohler Co.	
	34.8	1.87	75.2	D	Tier 3		30.3	19.5	27		374.8	Diesel Air-Cooled	KD 626/3	Kohler Co.	
	35.8	0.67	35.8	G	EPA Phase 3/CARB Tier 3		17.8	17.7	14.1		90	Command PRO	CV680/CV23	Kohler Co.	
	36.2	1.65		D	Tier 4 Final	DPF/DOC	25.3	21.4	36.4		474	D Series	D03CJ	Mitsubishi Turbocharger and Engine America Inc.	
	36.8	0.73	36.8	G	EPA Phase 3/CARB Tier 3		18.8	18.9	17		91	Confidant EFI	EZT715	Kohler Co.	
	36.9	1.642	80.6	D	Tier 4 Final/Stage 5	EGR/DPF	24.1	21.9	34.2		416.0	TNV	3TNV88C	Yanmar America Corp.	
	37	0.99	55.3	G	EPA Phase 3/CARB Tier 3		15.3	19	27.5		132	Command PRO	CH1000	Kohler Co.	
	37	0.993		G	Tier 3/Phase 3		14.92	19.53	28.54		125	Vanguard®	BIG BLOCK™ EFI (h/s)	Briggs & Stratton Corporation	
	37	0.993		G	Tier 3/Phase 3		23.66	20.24	24.65		125	Vanguard®	BIG BLOCK™ EFI (v/s)	Briggs & Stratton Corporation	
	37.3	0.75	37.3	P	EPA Phase 3/CARB Tier 3		21.3	18.5	17.6		108	Command PRO EFI Propane	PCV740	Kohler Co.	
	37.5	1.826	85.4	D	Tier 4/Stage 5	DOC + DPF	29.4	21.1	28.4		407.0	03 Series	D1803-CR-E5	Kubota Engine America Corp.	
	38	0.75	38	P	EPA Phase 3/CARB Tier 3		14.8	18.9	24.5		108	Command PRO EFI Propane	PCH680	Kohler Co.	
	38.8	0.75	38.8	G	EPA Phase 3/CARB Tier 3		14.8	18.9	24.5		108	Command PRO EFI	ECH740	Kohler Co.	
	40	0.993		G	Tier 3/Phase 3		14.92	19.53	28.54		125	Vanguard®	BIG BLOCK™ EFI/ETC (h/s)	Briggs & Stratton Corporation	
	40-48	2.2	117.3-158.6	D	Tier 4 Final	DOC	29.8	24.05	30.4		397	4L Series		Isuzu Motors America (Powertrain Division)	
	40.9	0.75	40.9	G	EPA Phase 3/CARB Tier 3		21.3	18.5	17.6		108	Command PRO EFI Flex Fuel	FCV749	Kohler Co.	
	43.6	1.868	97.4	NG	Tier 2/CARB Tier 3/Stage 5	3-Way Catalyst	21.7	21.0	27.6		366.0	03 Series	WG1903-N	Kubota Engine America Corp.	
	47.6	2.19	107.8	D	Tier 4 Final/Stage 5	EGR/DPF	28.6	22.4	34.0		473.0	TNV	4TNV88C	Yanmar America Corp.	
	48.2	3.33		D	Tier 4 Final	DOC	30.7	23	29.9		628	D Series	D04EG	Mitsubishi Turbocharger and Engine America Inc.	
	49-74 hp	49	2.33	101	D	Tier 3		23.54	17.64	26.5		475	2011	D 2011 L3o	DEUTZ Corp.
		49	2.48	125.4	D	Tier 4		27.7	17.8	26.3		536.8	Diesel KDI Mechanical	KDI2504M	Kohler Co.
		49-66	2.2	117.3-158.6	D	Tier 4 Final	DOC	29.8	24.05	30.4		397	4L Series		Isuzu Motors America (Powertrain Division)
		49-74	2.9	142-224	D	Tier 4 Final/Stage 5	DOC/DPF	28	24	38		882	EWX 2.9L	3029HI530	John Deere Power Systems
		49-74	2.8	147-221	B20	Tier 4 Final/Stage 3B	DOC	28.5	24.6	31.3		538	F	QSF2.8	Cummins Inc.
		50	2.9	108	D	Tier 4 Final	DOC	26.7	19	27.8		485	2.9	D 2.9	DEUTZ Corp.
		56	1.86	165.9	D	Tier 4		23.5	20.9	28.6		512.6	Diesel KDI Electronic Common Rail	KDI1903TCR	Kohler Co.
56.3		1.826	134.8	D	Tier 4/Stage 5	DOC + DPF	29.4	21.1	29.3		450.0	03 Series	D1803-CR-TIE5	Kubota Engine America Corp.	
57		2.19	118	LPG/CNG	Stage 5	3-Way Catalyst	24.3	18.9	28		441	G 2.2	G 2.2 L3	DEUTZ Corp.	
57.0		1.537	88.6	G	Tier 2/CARB Tier 3/Stage 5	3-Way Catalyst	22.3	18.1	27.2		265.0	05 Series	WG1605-G-E3	Kubota Engine America Corp.	
58		3.2	150.5	D	Tier 3		27.87	26.22	31.34		611	914	D 914 L3	DEUTZ Corp.	
58		1.0	58	G	EPA Phase 3/CARB Tier 3		15.8	19.1	23.6		132	Command PRO EFI	ECH980	Kohler Co.	
59.0		2.091	124.1	D	Tier 4 Final/Stage 5	EGR/DPF	26.4	21.6	38.1		462.0	TNV	4TNV86CT	Yanmar America Corp.	
60		2.2	151	D	Stage 5	DOC/DPF	22.7	21.7	28.5		474	2.2	TD 2.2 L3	DEUTZ Corp.	
60-74		3.3	158-181	B20	Tier 4 Interim/Stage 3B		27.5	22.9	31.3		606	B	B3.3	Cummins Inc.	
64		3.62	140	D	Tier 3		28.82	17.64	28.07		595	2011	D 2011 L4i	DEUTZ Corp.	
64.6		1.464	149.0	D	Tier 2		26.0	22.4	25.6		293	H	3H50TI	Hatz Diesel	
65.2		2.434	146.4	D	Tier 4	DOC	33.1	21.3	28.7		511.0	03 Series	V2403-CR-TI-E4B	Kubota Engine America Corp.	
66.8		2.4	125.2	G/LPG/NG			24.75	24.63	29.2		421			Power Solutions International (PSI)	
70-74		3	188.1-276.5	D	Tier 4 Final	DOC or DOC + SCR	35.87	29.7	33.35		728	4J Series		Isuzu Motors America (Powertrain Division)	
72		2.92	159	LPG/G/Bi-Fuel	Stage 5	3-Way Catalyst	28.3	19.6	28.3		485	G 2.9	G 2.9 L4	DEUTZ Corp.	
72.0		3.318	214.6	D	Tier 4 Final/Stage 5	EGR/DPF	31.1	23.5	40.2		650.0	TNV	4TNV98CT	Yanmar America Corp.	
73.8		4.4	295	D	Tier 4		32.0	27.6	36.3		1086.0	ECOMAX 444 TCAE	TCAE	JCB Power Systems	
73.8		1.952	177.0	D	Tier 4	DOC, cEGR	29.6	24.1	25.6		381	H	4H50TIC	Hatz Diesel	
74		2.2	199	D	Tier 4 Final/Stage 5	DOC, DPF						C2.2	C2.2	Caterpillar Inc.	
74		3.8	295-360	B20	Tier 4 Final/Stage 4	DOC/SCR/DOC-SCR	31.9	29.4	34.5		767	F	QSF3.8	Cummins Inc.	
74.3		3.769	228.7	D	Tier 4	DOC	33.3	24.3	33.5		714.0	V3 Series	V3800-CR-TI-E4B	Kubota Engine America Corp.	

25-48 hp

49-74 hp



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 NG = Natural Gas  
 LNG = Liquefied Natural Gas  
 RNG = Renewable Natural Gas  
 LPG = Liquefied Petroleum Gas



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Hatz E1 – the world’s first electronic controlled single cylinder diesel engine ready for the digital age. Combined with innovative Flywheel Integrated PMG technology to create an award-winning compact generator solution. Variable speed operation, for best transient response, best fuel economy, quiet operation, clean power, outstanding durability, and reliability.

These powerful benefits in a compact package for mission critical equipment are ideal for 5G communications infrastructure, battery charging, solar, hybrid and conventional light towers. As well as, road signal equipment, electric/hybrid Lifts, APUs, range extenders for hybrid battery driven equipment, and hybrid vehicles. Multiple voltages are available in AC or DC up to 6kW. Hatz, creating innovative power solutions.

[hatznorthamerica.com](http://hatznorthamerica.com)

**New Power Technology of the Year Award Winner 2020**



CREATING POWER SOLUTIONS.





# PURE SCANIA. DOWN TO THE NANOMETER.

Utilizing proven Scania solutions as a baseline, Scania's engineers continue to be at the forefront of engine evolution. While designing technology to further reduce fuel consumption and environmental impact, Scania engines still deliver the power and torque customers expect from Scania.

Scania engines and aftertreatment systems are designed and built in-house and are renowned for industry-leading standards of reliability and efficiency. Starting out from the basic engines, Scania customizes solutions to meet the demanding requirements of the industries they serve.

## SCANIA FUEL INJECTION SYSTEMS

Scania engines are powered by one of two fuel injection systems: Scania PDE or Scania XPI (extra high-pressure injection), a Scania-designed common-rail system. Both make continuous, precise adjustments to ensure optimal fuel delivery in all conditions without restricting torque build-up and step-load handling. To meet demanding performance requirements, Scania XPI allows pressure to be set independently of engine speed, with exceptional precision.

## SCANIA EMISSION CONTROL SYSTEMS

Scania SCR (selective catalytic reduction) is a proven aftertreatment system ensuring exhaust gases are released with minimum nitrogen oxide (NOx) content. A urea-based additive, AdBlue (diesel exhaust fuel), injected into the exhaust, converts the toxic nitrogen oxides into harmless water and nitrogen gas. Scania SCR is easy to handle and very reliable without effecting torque and power output.

Scania EGR (exhaust gas recirculation) partly reuses exhaust gases, enabling reduced NOx levels and a strong environmental performance for a wide variety of applications.

## NO DIESEL PARTICULATE FILTER (DPF) = NO REGENERATION

The Scania aftertreatment system is designed to meet tough emission standards without the use of a particulate filter. The Scania engine can operate during varying load factors without having to worry about regeneration or clogging filters. Which means more uptime and productivity for the customer.

## DUAL OIL FILTRATION

All Scania engines have a unique oil filtration system that provides maximum filtration and minimum wear. A full-flow paper filter removes large particles while a centrifugal cleaner filters out small particles. Scania's oil filtration system remains unchallenged as the best in its class, providing clear benefits like better operating economy and lower environmental impact.



Scania Tier 4f powered pump



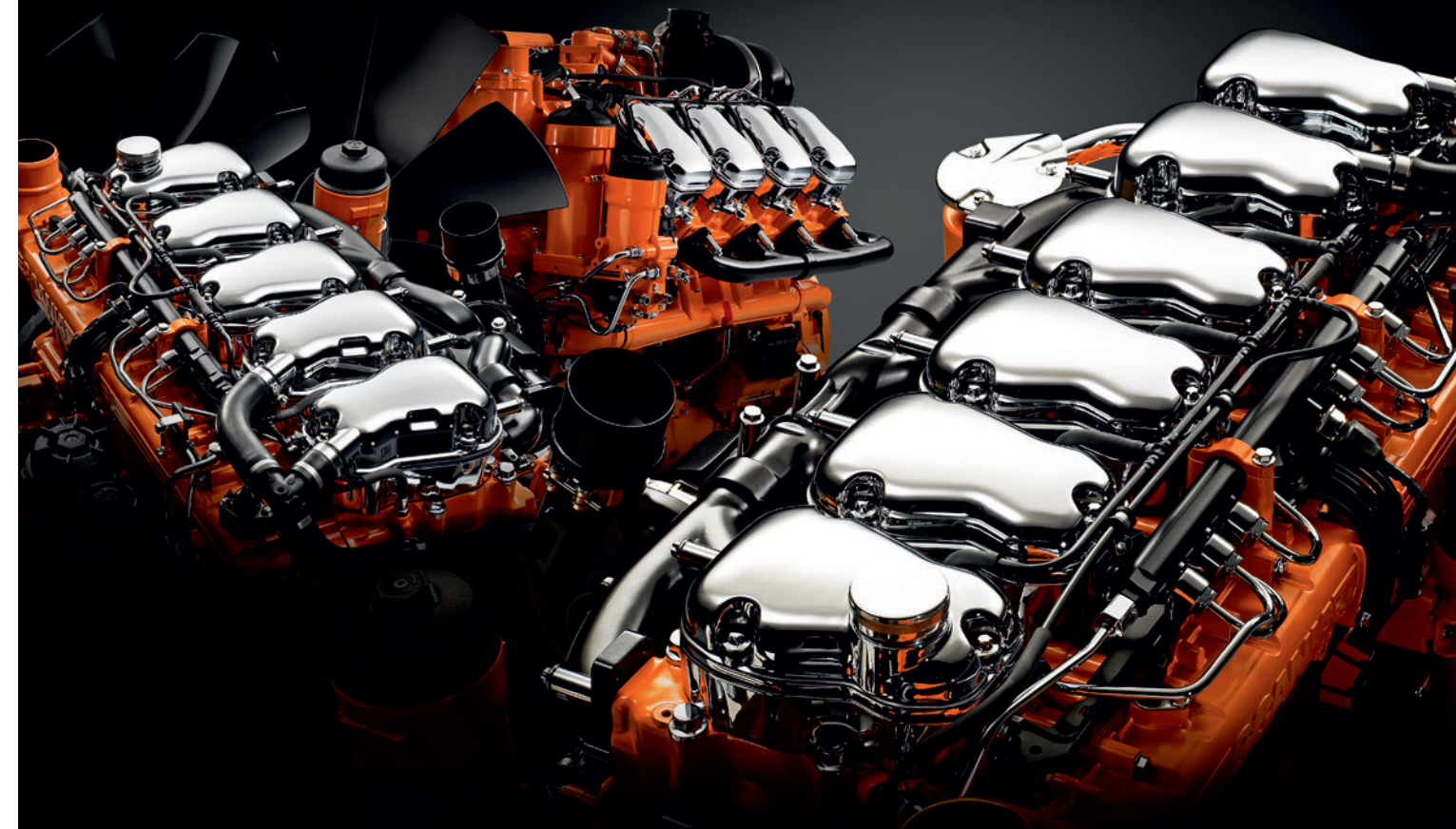
Scania Tier 4 final Aftertreatment System



Scania Tier 4f engines range from 275 – 770 HP

## SCANIA SAVER RING

A prime example of Scania in-house technology and engineering, the saver ring is fitted inside the cylinder and removes soot along with other residue from the upper part of the piston. Unique to Scania engines, it reduces wear, extends engine life and contributes to Scania's reputation for dependability and lower operating costs.



# SUSTAINABLE POWER

YEARS AHEAD OF TOMORROW'S STANDARDS

The Scania engine platform features compact dimensions and a common footprint which enhances flexibility, simplifies installation and shortens time-to-market. Last but not least: Proven reliability, outstanding operating economy and industry-leading fuel efficiency vouches for long-term profitability and satisfied customers.



hp Range Category	hp	Disp. liters (l)	Torque (lbs.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment	Dimensions (in.)			Weight Wet (lbs.)	Weight Dry (lbs.)	Family/Series	Model	Company
							L	W	H					
75-99 hp	75	2.9	192	D	Stage 5	DPF/DOC	26.7	22	27.8		522	2.9	TD 2.9	DEUTZ Corp.
	75	2.9	277	D	Stage 5	DOC/DPF	26.7	22.0	27.8		522	2.9	TCD 2.9 L4 HT	DEUTZ Corp.
	75-99	5.9	143-236	NG	SI NSPS Compliant Capable	Rich Burn, 3-Way Catalyst	46.6	29.2	49.8		964	B	G5.9/E	Cummins Inc.
	75-99	3	188.1-276.5	D	Tier 4 Final	DOC or DOC & SCR	35.87	29.7	33.35		728	4J Series		Isuzu Motors America (Powertrain Division)
	75-99	3.8	295-360	B20	Tier 4 Final/Stage 4	DOC/SCR/DOC-SCR	31.9	29.4	34.5		767	F	QSFB3.8	Cummins Inc.
	75-99	4.5	203-270	D	Tier 3/Stage 3A		34	24	33.7		851	M 4.5L	4045TF280	John Deere Power Systems
	77.2	3.62	177	D	Tier 3		28.42	21.46	28.5		595	2011	TD 2011 L4i	DEUTZ Corp.
	83.1	2.48	184.4	D	Tier 4		20.5	27.7	28.18		536.8	Diesel KDI Mechanical	KDI2504TM	Kohler Co.
	84-99	4.5	246-399	D	Tier 4 Final	DOC/SCR	34	26	40		1191	PWL 4.5L	4045HFC04	John Deere Power Systems
	84.4	3.3	194.7	LPG	Tier 2/CARB Tier 4/Stage 5	3-Way Catalyst	28.5	22.7	31.3		529.1	TN	4TN98G	Yanmar America Corp.
	84.5	4.4	267	D	UN 3		32.0	23.3	34.6		1025	DIESELMAX 444 TC	TC	JCB Power Systems
	84.5	4.4	236	D	UN 2		32.0	24.4	34.5		1003	DIESELMAX 444 NA	NA	JCB Power Systems
	85-99	3.3	277-306	B20	Tier 4 Interim/Stage 3B	DOC	33.3	28.8	35.4		795	B	QSB3.3	Cummins Inc.
	85-99	4.5	231-387	D	Tier 3/Stage 3A		34	24	40.9		1083	E 4.5L	4045TF285	John Deere Power Systems
	85.4	1.952	197.7	D	Tier 2		29.6	22.4	25.6		335	H	4H50TI	Hatz Diesel
	86	3.6	261.1	D	Tier 4 Final/Stage 5	DOC+DPF+SCR	28.110	23.661	33.543		706	F5 Series	F36	FPT Industrial
	87.1	3.769	188.9	G	Tier 2/CARB Tier 3	3-Way Catalyst	27.6	22.8	31.5		635.0	V3 Series	WG3800-G-E3	Kubota Engine America Corp.
	88.5	4.04	258	D	Tier 3		30.16	24.72	32.48		882	2012	TD 2012 L4m	DEUTZ Corp.
	91	3.62	206.5	D	Tier 3		28.35	20.51	28		593	2011	TD 2011 L4w	DEUTZ Corp.
	91.2	4.4	318	D	Tier 4	SCR	35.0	31.5	46.0		1095.0	ECOMAX 444 TCAE	TCAE	JCB Power Systems
	92.0	4.4	301	D	UN 3		32.0	23.3	34.6		1025	DIESELMAX 444 TC	TC	JCB Power Systems
	92	3.40	200	LPG	Stage 5	3-Way Catalyst	22.8	27.6	30.3		584	G2	D34	Doosan Infracore Co. LTD
	93.9	3.769	213.9	LPG	Tier 2/CARB Tier 3/Stage 5 Ready	3-Way Catalyst	27.6	22.8	31.5		635.0	V3 Series	WG3800-L-E3	Kubota Engine America Corp.
	97.2	5.4	248.6	D	Tier 3		37.99	25.87	32.83		838	914	D 914 L5	DEUTZ Corp.
	99	8.3	289-322	NG	SI NSPS Compliant Capable	Rich Burn, 3-Way Catalyst	55.6	31.5	49.1		1480	C	G8.3/E	Cummins Inc.
	99	4.5	315-399	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	34	26	41		1213	PWS 4.5L	4045HI550	John Deere Power Systems
	99.2	4.4	317	D	UN 2		32.0	24.4	34.5		1025	DIESELMAX 444 TC	TC	JCB Power Systems
	100	2.9	295	D	Tier 4 Final	SCR +DPF	26.7	22.0	27.8		522	2.9	TCD 2.9 L4 HP	DEUTZ Corp.
	100-120	3.3	277-306	B20	Tier 4 Interim/Stage 3B	DOC	33.3	28.8	35.4		795	B	QSB3.3	Cummins Inc.
	100-140	4.5	231-387	D	Tier 3/Stage 3A		34	24	40.9		1083	E 4.5L	4045TF285	John Deere Power Systems
	102	3.6	317.2	D	Tier 4 Final/Stage 5	DOC+DPF+SCR	28.110	23.661	33.543		706	F5 Series	F36	FPT Industrial
	102	3.36	350.3	D	Tier 4		28.2	22.8	32.1		868	Diesel KDI Electronic Common Rail	KDI3404TCR-SCR	Kohler Co.
	103.2	3.8	328.2	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	35.0	24.8	34.2		925.9	TN	4TN101FHT	Yanmar America Corp.
	108.6	4.8	381	D	Stage 5	DOC/SCRF	38.5	30.5	48.9		1367	DIESELMAX 448 TCAE	TCAE	JCB Power Systems
	115-140	4.5	415-432	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	34	26	40		1116	EWS 4.5L	4045HI551	John Deere Power Systems
115.9	3.769	284.0	D	Tier 4/Stage 5	DOC + DPF + SCR	33.3	25.7	46.9		882.0	V3 Series	V3800-CR-TI-E5	Kubota Engine America Corp.	
116	5.9	338	NG			53.6	30	49.1		964	B	GTA5.9	Cummins Inc.	
116	6.5	276.6	D	Tier 3		42.68	26.06	34.25		926	914	D 914 L6	DEUTZ Corp.	
118.0	3.053	302.4	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	0.0	0.0	0.0		694.4	TNV	4TNV94FHT	Yanmar America Corp.	
121-173	4.5	347-520	B20	Tier 4 Final/Stage 4	DOC-SCR	34	28.4	38.5		833	B	QSB4.5	Cummins Inc.	
123	3.6	361.4	D	Tier 4 Final/Stage 5	DOC+DPF+SCR	28.110	23.661	33.543		706	F5 Series	F36	FPT Industrial	
124.7	4.4	406	D	Tier 4	SCR	35.0	31.5	46.0		1095.0	ECOMAX 444 TCAE	TCAE	JCB Power Systems	
125-173	4.5	396-492	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	34	25	45		1257	PSS 4.5L High Profile	4045CI550	John Deere Power Systems	
128.7	3.8	405.6	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	35.0	24.8	34.2		925.9	TN	4TN101FDT	Yanmar America Corp.	
134	3.36	369	D	Tier 4		28.2	22.8	32.1		868	Diesel KDI Electronic Common Rail	KDI3404TCR-SCR	Kohler Co.	
136	3.6	369	D	Stage 5	DPF + SCR	27.6	23.3	31.1		772	3.6	TCD 3.6 L4	DEUTZ Corp.	
140	4.5	469.8	D	Tier 4 Final/Stage 5	DOC + SCRoF	32.126	27.047	41.299		886	NEF Series	N45	FPT Industrial	
140-173	6.8	397-579	D	Tier 3/Stage 3A		44	26	41		1340	E 6.8L	6068HF285	John Deere Power Systems	
141	3.36	479.7	D	Tier 4		28.2	22.8	32.1		868	Diesel KDI Electronic Common Rail	KDI3404TCR-SCR	Kohler Co.	
146-173	6.7	496-620	B20	Tier 4 Final/Stage 4	DOC-SCR	41.6	31.3	44.8		1146	B	QSB6.7	Cummins Inc.	
147.5	4.6	444	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	37.0	25.5	37.0		1190.4	TN	4TN107FHT	Yanmar America Corp.	
150.2	4.8	443	D	Stage 5	DOC/SCRF	38.5	30.5	48.9		1367	DIESELMAX 448 TCAE	TCAE	JCB Power Systems	
154	4.1	450	D	Stage 5	DPF + SCR	33.5	24.3	34.8		882	4.1	TCD 4.1	DEUTZ Corp.	
155-173	6.7	550-1014	B20	Stage 5	DOC/DPF/SCR	46	30.24	43.31		1285	B	B6.7	Cummins Inc.	
155.2	4.257	479.1	D	Tier 4/Stage 5	DOC + DPF + SCR	35.4	25.6	38.3		1323.0	09 Series	V4309-TIE5	Kubota Engine America Corp.	
156-173	4.5	455-492	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	34	29	39		1257	PSS 4.5L Low Profile	4045CI551	John Deere Power Systems	
160-173	4.6	612	D	Stage 3B	EGR	36.9	34.5	36.5			D08	D0834	MAN Truck & Bus SE	
160.9	4.4	483	D	UN 3		32.0	24.9	34.6		1025	DIESELMAX 444 TCAE	TCAE	JCB Power Systems	
161-173	7.0	918.0	D	Fuel Consumption Optimized		46.2	36.1	44.5		1984.00	4 Cylinder	D934	Liebherr-Component Technologies AG	
162	6.7	492	LPG/NG			68	33.1	45.7					Power Solutions International (PSI)	
170.3	4.6	593.7	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	37.0	28.7	37.0		1212.5	TN	4TN101FTT	Yanmar America Corp.	
171-173	5.2	498.5	D	Tier 4 Final	DOC & SCR	40.3	36.6	42.1		1058	4H Series		Isuzu Motors America (Powertrain Division)	
173	4.8	494.2	D	Tier 3		33.7	25.1	34.2		1102	2013	TCD 2013 L4 2v	DEUTZ Corp.	
173	5.1	597	D	Tier 4 Final/Stage 4	SCR	39	34	39		1318	Industrial	TAD571VE	Volvo Penta of America	

75-99 hp

100-173 hp

**LETTER KEY:**

- A= For On-Highway
- B= For Lawn & Garden
- C= Dimension and weight without muffler or fuel tank.
- D= Available under Tier 4 Final using Transition Program for Equipment Manufacturers (TPEM). Available in other regulated areas.
- E= Weight and dimensions with CAC cooling system

**FUEL KEY:**

- G = Gas
- D = Diesel
- P = Propane
- B# = % of Biofuel
- TF = Tri-Fuel
- NG = Natural Gas
- CNG = Compressed Natural Gas
- LNG = Liquefied Natural Gas
- RNG = Renewable Natural Gas
- LPG = Liquefied Petroleum Gas



Find more specs online at [oemoffhighway.com/specguide/engine](http://oemoffhighway.com/specguide/engine)



hp Range Category	hp	Disp. liters (l)	Torque (lbs.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment	Dimensions (in.)			Weight Wet (lbs.)	Weight Dry (lbs.)	Family/Series	Model	Company
							L	W	H					
	174-188	14	548	NG	SI NSPS Compliant Capable	Rich Burn, 3-Way Catalyst	67.7	36.3	52.9		2970	N	G855/E	Cummins Inc.
	174-200	6.8	397-579	D	Tier 3/Stage 3A		44	26	41		1340	E 6.8L	6068HF285	John Deere Power Systems
	174.2	6.5	479.4	D	Tier 3		42.99	28.35	46.61		1124	914	TCD 914 L6	DEUTZ Corp.
	175-190	8.3	395-555	NG			55	30	50		1650	C	GTA8.3/SLB	Cummins Inc.
	177	3	317	D	Euro 6 E	ec-EGR + DOC +DPF+SCR+CUC	33.780	27.717	29.095		567	F1 Family	F1CA	FPT Industrial
	180-275	6.8	509-756	D	Tier 3/Stage 3 A		44	24	42		1495	Plus 6.8L	6068HF485	John Deere Power Systems
	186	4.5	501	D	Euro 6 E	DOC + DPF + SCR + CUC	33.622	30.787	35.827		882	NEF Family	N45A	FPT Industrial
	187.7	7.2	701	D	UN 2		47.2	26.0	39.5		1466	DIESELMAX 672 TCAE	TCAE	JCB Power Systems
	189.0	4.6	593.7	D	Tier 4 Final/Stage 5	EGR/DPF/SCR	37.0	28.7	37.0		1212.5	TN	4TN101FTT	Yanmar America Corp.
	190-300	6.7	590-770	B20	Tier 4 Final/Stage 4	DOC-SCR/DOC-DPF-SCR	41.3	31.6	44.7		1144	B	QSB6.7	Cummins Inc.
	201	4.4	609	D	Tier 4 Final/Stage 5	DOC, DPF, SCR						C4.4	C4.4	Caterpillar Inc.
	201	4.4	609	D	Tier 4 Final/Stage 5	DOC, DPF, SCR						1200 Series	1204J-E44TTA	Perkins Engines Co. Ltd.
	207	4.5	553	D	Euro 6 E	DOC + DPF + SCR + CUC	33.622	30.787	35.827		882	NEF Family	N45A	FPT Industrial
	208	6.06	597	D	Tier 3		40.08	25.94	35.16		1124	2012	TCD 2012 L6	DEUTZ Corp.
	215	5.1	682	D	Tier 4 Final/Stage 5	SCR, DPF+ DOC	38	32	39		1239	Industrial	TAD582VE	Volvo Penta of America
	220	6.7	520	CNG/RNG/LNG	EPA/CARB	3-Way Catalyst	41.6	30.3	35.5		1150	B6.7N	B6.7N 220 <sup>A</sup>	Cummins Westport
	220	6.7	590	NG	Euro 6 E	3-Way Catalyst	41.732	27.717	34.173		1208	NEF Family	N67 NG <sup>A</sup>	FPT Industrial
	221.3	7.2	750	D	UN 2		47.2	26.0	39.5		1466	DIESELMAX 672 TCAE	TCAE	JCB Power Systems
	225-300	6.8	738-842	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	46	31	47		1731	PSS 6.8L	6068CI550	John Deere Power Systems
	228.0	5.2	450	D	Stage 5	DOC/DPF + SCR	33.5	24.291	34.803		882	5.2	TCD 5.2 L4	DEUTZ Corp.
	241-301	7.7	738-1143	D	Tier 4/Stage 5	SCR + DPF	42	37	41		1482	Series 1000	6R 1000 C01	Rolls-Royce Solutions America Inc.
	246.9	8.8	498.8	G/LPG			31.85	27.45	30.13		730			Power Solutions International (PSI)
	248	7.7	867	D	Tier 4 Final/Stage 5	SCR, DPF+ DOC	47	34	41		1594	Industrial	TAD881VE	Volvo Penta of America
	250	8.9	730	CNG/RNG/LNG	EPA/CARB	3-Way Catalyst	44.3	36	47.7		1625	L9N	L9N 250 <sup>A</sup>	Cummins Westport
	250-301	9	800-1200	B20	Tier 4 Final/Stage 4	DOC-SCR	44.4	31.3	45.6		1561	L	QSL9	Cummins Inc.
	251-301	9	827-1244	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	52	35	50		2418	PSS 9.0L	6090CI550	John Deere Power Systems
	252	6.7	627	NG	Euro 6 E	3-Way Catalyst	41.732	27.717	34.173		1208	NEF Family	N67 NG <sup>A</sup>	FPT Industrial
	260	6.7	855.6	D	Tier 4 Final/Stage 5	DOC + SCRof	41.811	27.047	41.299		1169	NEF Series	N67	FPT Industrial
	275	9.3	951	D	Stage 5	SCR + DPF	47.8	38.7	47.6		2094	Industrial	DC09 311A	Scania USA
	280-301	9	1085-1361	B20	Stage 5	DOC/DPF/SCR	44	33.5	43.2		1715	L	L9	Cummins Inc.
	282	7.7	912	D	Tier 3/Stage 3A		48	33	40		1470	Industrial	TAD852VE	Volvo Penta of America
	300	8.9	860	CNG/RNG/LNG	EPA/CARB	3-Way Catalyst	44.3	36	47.7		1625	L9N	L9N 300 <sup>A</sup>	Cummins Westport
	302-308	8.0	1013.0	D	ECE-R.96, Powerband H (analogous to Stage 3A)	EGR	46.2	36.1	44.5		2094.00	4 Cylinder	D944	Liebherr-Component Technologies AG
	302-400	9	726-1143	D	Tier 3/Stage 3 A		47	25	44		1986	Plus 9.0L	6090HF485	John Deere Power Systems
	302-400	9	800-1200	B20	Tier 4 Final/Stage 4	DOC-SCR	44.4	31.3	45.6		1561	L	QSL9	Cummins Inc.
	306	8.7	958	NG	Euro 6 E	3-Way Catalyst	56.417	39.921	43.307		1918	Cursor Family	Cursor 9 NG <sup>A</sup>	FPT Industrial
	306.2	7.527	977.0	D	Tier 4/Stage 5	DOC + DPF + SCR	45.7	28.1	38.9		2205.0	09 Series	S7509	Kubota Engine America Corp.
	315	9.3	1219	D	Stage 5	SCR + DPF	47.8	38.7	47.6		2094	Industrial	DC09 312A	Scania USA
	320	11.9	1150	CNG/RNG/LNG	EPA/CARB	3-Way Catalyst	53.4	37.9	50.3		2650	ISX12N	ISX12N 320 Refuse <sup>A</sup>	Cummins Westport
	320	6.7	811	D	Euro 6 E	DOC + DPF + SCR + CUC	43.307	30.787	36.378		1168	NEF Family	N67 <sup>A</sup>	FPT Industrial
	320	7.01	935	D	Tier 4 Final/Stage 5	DOC, DPF, SCR						1200 Series	1206J-E70TTA	Perkins Engines Co. Ltd.
	334	8.7	1113.7	D	Tier 4 Final/Stage 5	DOC + SCRof	47.874	34.764	39.646		1918	CURSOR Series	Cursor 9	FPT Industrial
	335-513	12	1250-1696	B20	Tier 4 Final/Stage 4	SCR-DPF	51	39	39.37		1916	X	X12	Cummins Inc.
	343	12.8	1320	D	Tier 2/Stage 2		54	34	48		2855	Industrial	TAD1340VE	Volvo Penta of America
	349	9.3	1293	D	Stage 5	SCR + DPF	47.8	38.7	47.6		2094	Industrial	DC09 313A	Scania USA
	355	10.8	1291	D	Tier 4 Final/Stage 4	SCR	52	36	48		2485	Industrial	TAD1171VE	Volvo Penta of America
	381	8.7	1254	NG	Euro 6 E	3-Way Catalyst	56.417	39.921	43.307		1918	Cursor Family	Cursor 9 NG <sup>A</sup>	FPT Industrial
	385	12.7	1661	D	Stage 5	SCR + DPF	54.3	37	47.7		2317	Industrial	DC13 310A	Scania USA
	400-600	15	1500-2050	B20	Tier 4 Interim/Stage 3B	DPF	58	44	49.7		3166	X	QSX15	Cummins Inc.
	402-550	13.6	1465-1851	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	59	35	54		3237	PWS 13.6L	6136HI550	John Deere Power Systems
	413	9.0	1261	D	Stage 5	DOC/SCR/DPF	41.6	32.6	44.9		1781	9.0	TCD 9.0 L4	DEUTZ Corp.
	471	12.9	1475.1	D	Tier 4 Final/Stage 5	DOC + SCRof	53.504	37.441	47.717		2911	CURSOR Series	Cursor 13	FPT Industrial
	472	12.8	1658	D	Tier 2/Stage 2		54	34	48		2855	Industrial	TAD1344VE	Volvo Penta of America
	483	11.9	1534	D	Tier 3		38.78	36.69	44.88		2249	2015	TCD 2015 V6	DEUTZ Corp.
	500	12.7	1696	D	Stage 2/China Phase 2/Russia Stage 1		55.4	33.9	43.8		2310	Industrial	DC13 074A	Scania USA
	506-602	19	1775-2200	B20	Tier 3/Stage 3A		61.7	38.5	60	4569		K	QSK19	Cummins Inc.
	512	15.7	1622.4	D	Tier 4 Final	DOC + SCR	66.77	42.36	54.4		2624	6W Series		Isuzu Motors America (Powertrain Division)
	516-602	24.2	3448.0	D	Fuel Consumption Optimized		73.1	48.7	51.7		4519.00	12 Cylinder	D9512	Liebherr-Component Technologies AG
	524-602	13.6	1840-2250	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	59	35	54		3353	PSS 13.6L	6136CI550	John Deere Power Systems
	528	12.8	1715	D	Tier 2/Stage 2		54	34	48		2855	Industrial	TAD1345VE	Volvo Penta of America
	530	12.9	1770	D	Euro 6 E	DOC + DPF + SCR + CUC	53.543	39.685	46.102		2639	Cursor Family	Cursor 13 <sup>A</sup>	FPT Industrial
	542	12.0	1848	D	Stage 5	DOC/SCR/DPF	54.3	33.5	45.7		2167	12.0	TCD 12.0 L6	DEUTZ Corp.
	550	16.4	2149	D	Tier 4 Final/Stage 4	SCR + DPF	52.2	47.2	50.7		3025	Industrial	DC16 084A	Scania USA
	600	12.9	1815.9	D	Tier 4 Final/Stage 5	DOC + SCRof	53.504	37.441	47.717		2911	CURSOR Series	Cursor 13	FPT Industrial

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 RNG = Renewable Natural Gas  
 LPG = Liquefied Petroleum Gas



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603-751 hp

752+ hp

hp Range Category	hp	Disp. liters (l)	Torque (lbs.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment	Dimensions (in.)			Weight Wet (lbs.)	Weight Dry (lbs.)	Family/Series	Model	Company
							L	W	H					
603	16.1	2137	D	Tier 3/Stage 3A		59	35	53		2915	Industrial	TAD1651VE	Volvo Penta of America	
603-660	15.3	2213	D	Tier 4 Final/Stage 4/5	SCR + EGR	57.6	38.5	44.5			D38	D3876	MAN Truck & Bus SE	
603-675	15	1600-2050	B20	Tier 4 Final/Stage 5	DPF-SCR	58	44	49.7		3166	X	X15	Cummins Inc.	
603-677	16.2	2305.0	D	Stage 5	SCRonly	66.6	43.8	53.2		3527.00	8 Cylinder	D9508	Liebherr-Component Technologies AG	
603-700	19	1775-2200	B20	Tier 3/Stage 3A		61.7	38.5	60	4569		K	QSK19	Cummins Inc.	
603-684	13.6	1840-2250	D	Tier 4 Final/Stage 5	DOC/DPF/SCR	59	35	54		3353	PSS 13.6L	6136CI550	John Deere Power Systems	
604	30		NG			78	45	68		6603	GSR Series	GS6R2-PTK	Mitsubishi Turbocharger and Engine America Inc.	
609	13.5	2033	D	Stage 5	DOC/SCR/DPF	54.3	33.5	45.7		2183	13.5	TCD 13.5 L6	DEUTZ Corp.	
612	16.4	2213	D	Stage 5	SCR + DPF	61.9	44.3	50.7		3000	Industrial	DC16 313A	Scania USA	
612-751	16.2	2508	D	Tier 4 Final/Stage 4/5	SCR + EGR	57.6	38.5	44.5			D42	D4276	MAN Truck & Bus SE	
630	18.1	2177	D	Tier 4 Final/Stage 5	DOC, DPF, SCR	56.61	37.13	48.78		3400	C18	C18	Caterpillar Inc.	
630	18.1	2177	D	Tier 4 Final/Stage 5	DOC, DPF, SCR	56.61	37.13	48.78		3400	2000 Series	2806J-E18TA	Perkins Engines Co. Ltd.	
635-751	38	2217-2220	NG	SI NSPS Compliant Capable	Rich Burn, 3-Way Catalyst	107.2	75.5	90		12300	K	KTA38GCE	Cummins Inc.	
637-751	27.0	8335.0	D	Stage 5	SCRonly	72.4	49.7	52.7		5181.00	12 Cylinder	D9612	Liebherr-Component Technologies AG	
650	16.4	2397	D	Stage 5	SCR + DPF	61.9	44.3	50.7		3000	Industrial	DC16 317A	Scania USA	
650	16.4	2314	D	Tier 4 Final/Stage 4	SCR + DPF	52.2	47.2	50.7		3025	Industrial	DC16 084A	Scania USA	
653	15.9	2028.3	D	Tier 4 Final/Stage 5	DOC + SCRof	58.150	36.496	53.780		3197	CURSOR Series	Cursor 16	FPT Industrial	
670	15.9	2132	D	Tier 3		44.88	36.69	46.14		2745	2015	TCD 2015 V8	DEUTZ Corp.	
670	16.4	2315	D	Tier 4 Final/Stage 4	SCR & EGR	52.2	47.2	50.7		3025	Industrial	DC16 084A	Scania USA	
690	16.1	2360	D	Tier 4 Final/Stage 4	SCR	59	35	53		3208	Industrial	TAD1672VE	Volvo Penta of America	
697	15.9	2132	D	Tier 4 Final	SCR/DPF + SCR	45.3	37.2	46.1		2778	16.0 V8	TCD 16.0 V8	DEUTZ Corp.	
697	15.9	2132	D	Stage 5	SCR/DPF + SCR	45.3	37.2	46.1		2778	16.0 V8	TCD 16.0 V8	DEUTZ Corp.	
700	12.9	2212.7	D	Tier 4 Final/Stage 5	DOC + SCRof	53.504	39.685	50.591		3210	CURSOR Series	Cursor 13	FPT Industrial	
700	16.4	2314	D	Stage 2/China Phase 2/Russia Stage 1		53	43.1	47.8		2948	Industrial	DC16 074A	Scania USA	
710	16.4	2397	D	Stage 5	SCR + DPF	61.9	44.3	50.7		3000	Industrial	DC16 314A	Scania USA	
710-751	38	2480-2486	NG			109.2	75.3	86.5		12300	K	KTA38GCSLB	Cummins Inc.	
750-751	18	3135	D	Tier 4 Final/Stage 5		69	36	59		4672	18.0L		John Deere Power Systems	
752-790	16.2	2508	D	Tier 4 Final/Stage 4/5	SCR + EGR	57.6	38.5	44.5			D42	D4276	MAN Truck & Bus SE	
752-850	38	2480-2486	NG			109.2	75.3	86.5		12300	K	KTA38GCSLB	Cummins Inc.	
752-907	18	3135	D	Tier 4 Final/Stage 5		69	36	59		4672	18.0L		John Deere Power Systems	
752-1053	18.0	2692.0	D	Tier 4 Final	SCRonly	60.8	38.9	47.8		4079.00	6 Cylinder	D976	Liebherr-Component Technologies AG	
752-1495	27.0	8335.0	D	Stage 5	SCRonly	72.4	49.7	52.7		5181.00	12 Cylinder	D9612	Liebherr-Component Technologies AG	
755	16.4	2342	D	Stage 3B		52.1	44.3	47.8		2948	Industrial	DC16 092A	Scania USA	
757	16.1	2398	D	Tier 2		62	35	52		3175	Industrial	TAD1643VE	Volvo Penta of America	
760	19	2275	B20	Tier 4 Final	SCR	66.5	77.6	33.6	5045	4808	K	QSK19-R	Cummins Inc.	
760-1050	23	2558-3045	B20	Tier 4 Final <sup>D</sup>	SCR	77.5	49	69	6643	6349	K	QSK23	Cummins Inc.	
770	16.4	2348	D	Stage 5	SCR	52.1	44.3	47.8		2948	Industrial	DC16 385A	Scania USA	
770	16.4	2348	D	Tier 4 Final/Stage 4	SCR	51.8	46.5	47.8		2948	Industrial	DC16 085A	Scania USA	
775	15.9	2448.7	D	Tier 4 Final/Stage 5	DOC + SCR	58.150	36.496	53.780		3197	CURSOR Series	Cursor 16	FPT Industrial	
775	16.2	2360	D	Tier 2/Stage 4		52.8	47.2	54.3			D28	D2868	MAN Truck & Bus SE	
785	16.1	2692	D	Tier 4 Final/Stage 5	SCR	66	44	54		3805	Industrial	TWD1683VE	Volvo Penta of America	
800	18.1	2736	D	Tier 4 Final/Stage 5	DOC	56.61	97.13	48.78		3400	C18	C18	Caterpillar Inc.	
800	18.1	2736	D	Tier 4 Final/Stage 5	DOC	56.61	97.13	48.78		3400	2000 Series	2806J-E18TTA	Perkins Engines Co. Ltd.	
835	18.0	2692	D	Stage 5	SCR	60.9	38.4	50.6		3840	18.0	TCD 18.0	DEUTZ Corp.	
850-1200	30	2500-3750	B20	Tier 2		66.5	56.1	66.1	7822	7347	T	QST30 <sup>E</sup>	Cummins Inc.	
911	20.1	3020.3	D	Tier 4 Final/Stage 5	SCR	63.976	46.850	52.756		3528	V20 Series	V20	FPT Industrial	
950-1500	30	3414-4877	B20	Tier 4 Final <sup>D</sup>	SCR	77.2	54.6	67.6	7535	8031	T	QST30	Cummins Inc.	
1050	27	3451	D	Tier 4 Final/Stage 5	DOC	73.78	62.99	53.98		6625	C27	C27	Caterpillar Inc.	
1086-1260	38	3591-4320	B20	Tier 4 Final <sup>D</sup>		87	57.2	72.7		11665	K	QSK38	Cummins Inc.	
1125	32.1	4056	D	Tier 4 Final/Stage 5	DOC	73.78	62.99	53.98		6625	C32	C32	Caterpillar Inc.	
1260-2561	45.0	9891	D	Stage 5	SCRonly	120.8	55.7	61.6		9039.00	20 Cylinder	D9620	Liebherr-Component Technologies AG	
1341-3623	62.0	11572.0	D	Tier 4 Final	SCR only	104.8	70.0	83.7		1896.00	12 Cylinder	D9812	Liebherr-Component Technologies AG	
1500-2500	50	4846-7081	B20	Tier 4 Final	SCR	104.6	72.9	74		13817	K	QSK50	Cummins Inc.	
1600-2253	57.3	5600-6959	D	Tier 2		98	64	81		15430	Series 4000	12V 4000 C03	Rolls-Royce Solutions America Inc.	
1609.3	80		NG			120	78	90		19092	GSR Series	GS16R2-PTK	Mitsubishi Turbocharger and Engine America Inc.	
1875-2850	60	6169-8726	B20	Tier 4 Final	SCR	114.1	68.5	82		18858	K	QSK60	Cummins Inc.	
2100	78	8275	D	Tier 4 Final/Stage 5	SCR	122.24	63.62	82.99		18025	3516E	3516E	Caterpillar Inc.	
2346	65.37		D	Tier 2		119.9	57.4	71.3		14396	S16R Series	S16R-Y2PTAW-1	Mitsubishi Turbocharger and Engine America Inc.	
2682-3218	76.3	7804-9886	D	Tier 4		126	64	79		20613	Series 4000	16V 4000 C05	Rolls-Royce Solutions America Inc.	
2682-4680	82.7	14475.0	D	Tier 4 Final	SCR only	127.6	70.0	83.7		25794.00	16 Cylinder	D9816	Liebherr-Component Technologies AG	
2923	65.37		D	Tier 2		119.9	57.4	71.3		14727	S16R Series	S16R-Y2PTAW2-1	Mitsubishi Turbocharger and Engine America Inc.	
3500	78	10383	B20	Tier 4 Final <sup>D</sup>		132.9	65.5	95.6		26098	K	QSK78	Cummins Inc.	
3755-4023	95.4	11600-12429	D	Tier 2		144	63	81		23590	Series 4000	20V 4000 C03	Rolls-Royce Solutions America Inc.	
4000-4400	95	11671-12838	B20	Tier 4 Final	SCR	145	65	95		29762	K	QSK95	Cummins Inc.	
4439-5700	103.4	17370.0	D	Tier 4 Final	SCR only	144.9	70.0	83.7		32408.00	20 Cylinder	D9820	Liebherr-Component Technologies AG	

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 LPG = Liquefied Petroleum Gas

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hp	Disp. (l)	Torque (lb.-ft.)	Fuel	Emissions Certifications	Aftertreatment	Dimensions (in.)			Dry Weight (lb.)	Model	Family/Series	Company
						L	W	H				
1.1	0.03	0.92	G	Tier 3		7.4	6.4	7.8	9.1	GK25	Mini 4-Stroke	Honda Engines
1.3	0.04	1.20	G	Tier 3		9.0	7.6	8.1	10.1	GK35	Mini 4-Stroke	Honda Engines
1.8	0.08	3.3	G	EPA Phase 3		9.4	12.6	11.5	23	75cc	PLMH	Liquid Combustion Technology (LCT)
2.0	0.06	2.1	G	Tier 3		13.0	11.9	9.8	9.5	GRV57	GX	Honda Engines
2.1	0.05	2	G	Tier 3		14.5	12.1	8.9	13.9	GKH50	GX	Honda Engines
2.1	0.05	2	G	Tier 3		12.5	11.4	9.8	8.9	GRV50	GX	Honda Engines
2.8	0.10	4.2	G	Tier 3		26.2	24.0	11.6	16.5	GK100	GX	Honda Engines
3.5	0.12	5.4	G	Tier 3		34.1	28.6	12.0	13	GK120	GX	Honda Engines
3.6	0.12	5.5	G	Tier 3		23.3	22.9	10.2	11.4	GKR120	GX	Honda Engines
4.0	0.14	7.1	G	EPA Phase 3	Catalyst	12.2	14.9	14.3	29.8	136cc	PLMH	Liquid Combustion Technology (LCT)

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