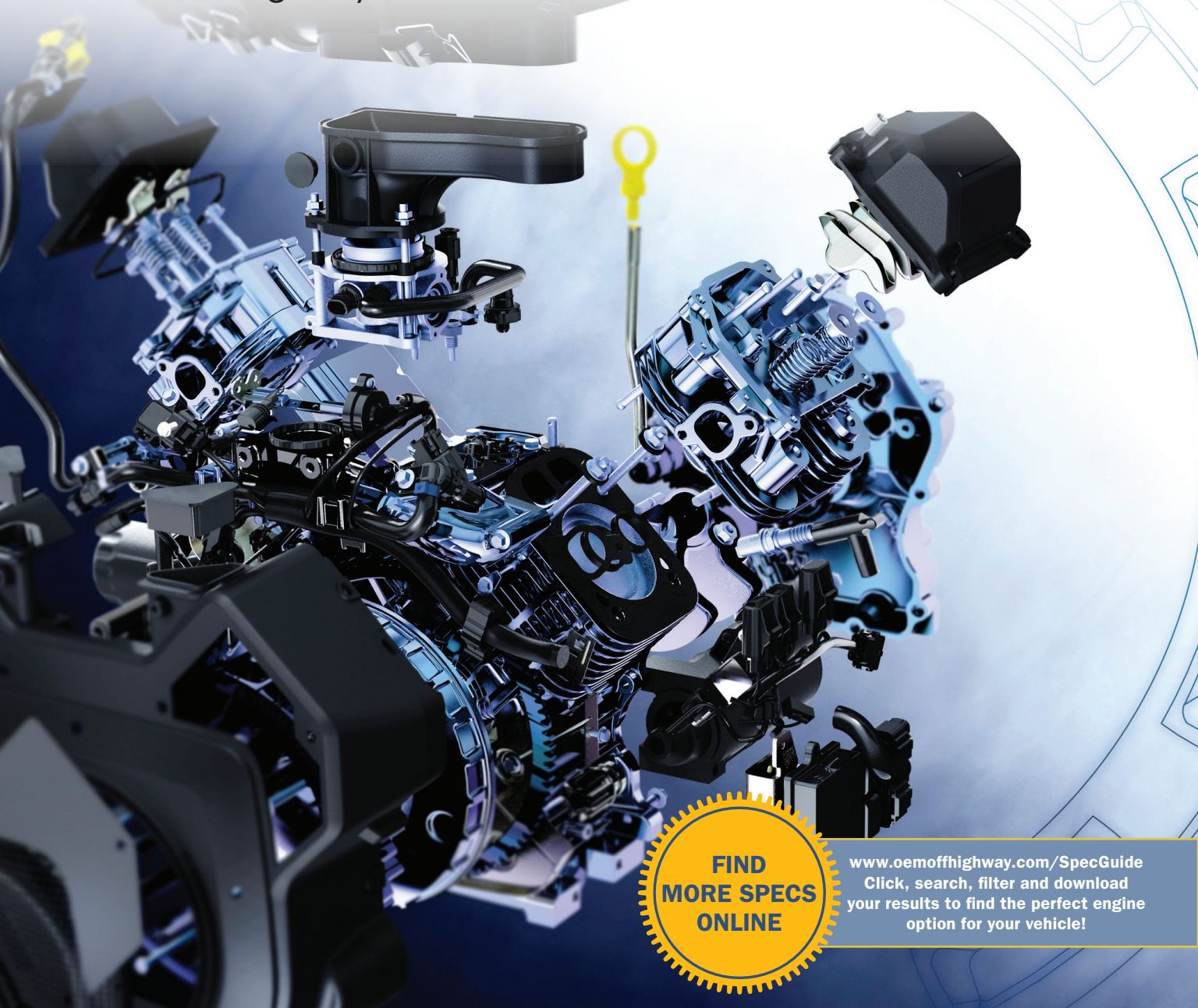


JULY/AUGUST 2012

OEM Off-Highway™

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hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
Up to 10 hp	1	0.025	0.74	G	Tier 3	
	2.1	0.049	2	G	Tier 3	
	2.4-10	0.08-0.39	3-18	G		
	2.8	0.098	4.2	G	Tier 3	
	2.8	0.086	3.5	G	EPA Phase 3	
	3.5	0.118	5.4	G	Tier 3	
	4	0.14	7	G	EPA Phase 3	Catalyst
	4.3	0.163	7.1	G	Tier 3	
	4.3	0.126	6.01	G	EPA Phase 3	Catalyst
	4.4	0.16	6.9	G	Tier 3	
	4.5	0.174	7.38	G	EPA Phase 3	
	4.6	0.243	7.7	D	Tier 4	None Required
	4.6	0.16	6.9	G	Tier 3	
	5.2	0.187	8.3	G	Tier 3	
	5.3	0.290	8.48	D	Non EPA	NA <25 hp
	5.5	0.196	9.1	G	Tier 3	
	5.5	0.189	8.26	G	EPA Phase 3	
	5.9	0.290	9.58	D	Non EPA	NA <25 hp
	6	0.208	8.7	G	Tier 3	
	6.5	0.290	10.03	D	Tier 4	NA <25 hp
	6.7	0.349	12.2	D	Tier 4	
	6.8	0.347	12	D	Tier 4	None Required
	7	0.208	9.2	G	Tier 3	
	7	0.211	10.26	G	EPA Phase 3	
	7.1	0.290	11.28	D	Tier 4	NA <25 hp
	7.1	0.445	13	D	Tier 4	None Required
	8	0.27	14.1	G	Tier 3	
	8	0.25	12.5	G	EPA Phase 3	
	8.5	0.27	13.5	G	Tier 3	
	9	0.265	13.74	G	EPA Phase 3	
	9.1	0.435		D	Tier 2	
	9.5	0.277	13.2	G	Tier 3	
	9.6-9.9	0.445	14	D	Tier 4	None Required
	9.8	0.442	17	D	Tier 4	
	10	0.29	14.5	G	EPA Phase 3	
	10.2	0.389	17.8	G	Tier 3	
	10.2-10.5	0.517	18.5	D	Tier 4	None Required
	10.3-10.5	0.517	20.4	D	Tier 4	None Required
	10.7	0.389	19.5	G	Tier 3	
11-24 hp	11-13.7	0.51	Up to 21.9	D	Tier 4 Interim	
	11-13.7	0.5	Up to 21.9	D	Tier 4	
	11-15	0.08-0.39	3-18	G		
	11.7	0.389	19.5	G	Tier 3	
	12	0.404	19.8	G	EPA Phase 3	
	12.7	0.438	22	G	Tier 3	
	13	0.667	25.8	D	Tier 4	None Required
	13	0.41	18.5	G	EPA Phase 3	
	13.3	0.479	21.9	D	Tier 4	
	13.7	0.667	26.6	D	Tier 4	None Required
	13.7	0.57		D	Tier 4	
	14	0.429	19.8	G	Tier 3	
	14	0.404	19.91	G	EPA Phase 3	
	14.5, 16.8	0.599	28, 27.9	D	Tier 4	
	14.8	0.635		D	Tier 4	Natural
	15	0.708	29.94	D	Tier 4	NA <25 hp
	15.2	0.772	31.4	D	Tier 4	None Required
	16-23	0.48-0.63	27.7-32.9	G		
	16.4-20.5	0.76	Up to 32.8	D	Tier 4 Interim	
	16.4-20.5	0.76	Up to 32.8	D	Tier 4	
	16.8	0.686	29.9	D	Tier 4	
	17.2	0.954	40.6	D	Tier 4	
	18	0.653	31.9	G	EPA Phase 3	
	18.8	0.851	31	D	Tier 4	
	18.9	0.784		D	Tier 4	
	19	0.902	36.9	D	Non EPA	NA <25 hp
	19	0.694	31.4	G	Tier 3	
	19.7-24	1.13	Up to 51.8	D	Tier 4/Stage 3A	

FUEL
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 LPG = LIQUEFIED PETROLEUM GAS
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 # = % OF BIOFUEL

* = depends on application
 ** = preliminary data
 *** = varies by model
 **** = for on-highway
 ***** = for mining
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L	Dimensions (in.) W	H	Family/Series	Model	Company
7.6	8.7	9.1	Mini 4-Stroke	GX25	Honda
9.8	11.3	7.8	GX	GXV50	Honda
12.2-18.3	11.1-16.6	11.8-18.4	OHV	Single Cylinder	Briggs & Stratton
11.6	12	15.8	GX	GX100	Honda
9.8	11.77	14.96	Overhead Cam	EH09	Subaru Industrial Power Products
12	13.4	13	GX	GX120	Honda
15.4	12.3	14.4	PLMH/PW2H*****		LCT, Private label
16.3	14.1	13.9	GX	GXV160	Honda
11.7	13.4	12.5	Overhead Cam	EX13	Subaru Industrial Power Products
14.4	13	13.7	GC	GCV160	Honda
15.62	13.77	10.55	Overhead Cam	EA175V	Subaru Industrial Power Products
10.7	14.2	15.7	B	1B20	Hatz
13.3	14.5	13	GC	GC160	Honda
13.6	14.5	13.5	GS	GS190	Honda
12.2	14.5	18.3	Air Cooled	15 D	Farymann North America
12.6	14.8	13.6	GX	GX200	Honda
16.65	13.77	11.33	Overhead Cam	EA190V	Subaru Industrial Power Products
14.7	15.7	16.6	Water Cooled	15 W	Farymann North America
12.7	15.2	14.2	Command PRO	CH260	Kohler
12.2	14.5	18.3	Air Cooled	18 D	Farymann North America
12.9	15.7	18.4	Kohler Diesel	KD 350	Kohler
11.7 (16.9)	14.6	16.9 (14.3)	B(V)	1B30(V)	Hatz
12.7	15.2	14.2	Command PRO	CH270	Kohler
12.2	14.4	13.2	Overhead Cam	EX21	Subaru Industrial Power Products
14.7	15.7	16.6	Water Cooled	18 W	Farymann North America
18.4	20	19.8	D	1D42C	Hatz
15	16.9	16.6	GX	GX270	Honda
15.8	13	14.8	PW2H*****		LCT, Private label
15	16.9	16.6	GX	GX240	Honda
13.8	16.5	16.1	Overhead Cam	EX27	Subaru Industrial Power Products
16.4	18.5	19.4	L-V	L100V	Yanmar
15.9	16.8	16.2	Command PRO	CH395	Kohler
13.5	18.2	19.7	D	1D42C to 1D42Z	Hatz
13.2	15.9	20.2	Kohler Diesel	KD 420	Kohler
18.7	15.2	16.6	PW2H*****		LCT, Private label
17	15	15.9	GX	GXV390	Honda
13.5	18.2	19.7	D	1D50	Hatz
12.7 (18.8)	15.4 (15.5)	18.9 (15.4)	B(V)	1B50(V)	Hatz
16	19.1	17.7	iGX	iGX340	Honda
16	14.6	20.6	C	C0.5	Caterpillar
16	14.6	20.6	400	402D-05	Perkins
12.2-18.3	11.1-16.6	11.8-18.4	OHV	Single Cylinder	Briggs & Stratton
16	19.1	17.7	iGX	iGX390	Honda
15.31	17.72	17.44	Overhead Cam	EX35	Subaru Industrial Power Products
17	19.9	17.9	iGX	iGX440	Honda
20.2	21	23.2	D	1D81C	Hatz
19.1	15.8	17	PLMH/PW2H*****		LCT, Private label
14.2	15.91	22.21	Super Mini	Z482-E3B	Kubota
14.2	20	24.2	D	1D81	Hatz
16.3	16.5	20.6	TNV	2TNV70	Yanmar
16.2	17.8	17.4	Command PRO	CH440	Kohler
15.31	17.72	17.44	Overhead Cam	EX40	Subaru Industrial Power Products
15.14	16.6	21.42	Super Mini	Z602-E3B	Kubota
16.4	16.5	19.7	L Series	L2E	Mitsubishi
22.8	16.9	16.9	Air Cooled	43 F	Farymann North America
14.2 (22.4)	20 (19.5)	24.2 (14.1)	D(W)	1D90(W)	Hatz
			OHV	V-Twin	Briggs & Stratton
18.9	14.6	20.8	C	C0.7	Caterpillar
18.9	14.6	20.8	400	403D-07	Perkins
16.6	16.2	20.3	Kohler Diesel	KDW 702	Kohler
22.7	19	22.2	Kohler Diesel	KD 477-2	Kohler
18.7	18.46	13.9	V-Twin	EH63V	Subaru Industrial Power Products
19.1	18.3	19.6	Kohler Diesel	KD 425-2	Kohler
17	15.7	19.7	MINIMAX	3TNM68	Yanmar
17.3	25.9	15.9	Water Cooled	55 W	Farymann North America
14	17.7	26.5	Command PRO EFI	ECH630	Kohler
19.3	15.7	22.7	C	C1.1	Caterpillar

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
11-24 hp	19.7-24	1.1	Up to 51.8	D	Tier 4/Stage 3A	
	20	0.997	36.9	D	Tier 4	None Required
	20	0.624	33.3	G	Tier 3	
	20	0.719	33.8	D	Tier 4	
	20.3	0.688	35.2	G	Tier 3	
	20.5	0.653	32.7	G	EPA Phase 3	
	21	0.694	33.1	G	Tier 3	
	21.6, 24.8	0.898	41.3	D	Tier 4	
	21.9	0.854		D	Tier 4	
	22	0.653	33.6	G	EPA Phase 3	
	22.3	0.688	35.6	G	Tier 3	
	22.3	0.688	35.6	G	Tier 3	
	23	0.694	36.1	G	Tier 3	
	23.5, 24.8	1.001	46.3, 40.3	D	Tier 4	
	23.6	0.903		D	Tier 4	
25-48 hp	23.7	0.952		D	Tier 4	Natural
	24	0.624	38.3	G	Tier 3	
	24.8	1.123	52.7	D	Tier 4	
	25	0.747	40.4	G	Tier 3	
	25	0.725	40.9	G	Tier 3	
	25	0.72	39.6	G	EPA Phase 3	
	25	0.72	39.6	LPG/NG	EPA Phase 3	
	25	1.116		D	Tier 4	
	27.6	1.318		D	Tier 4	Natural
	28	0.72	38.5	G	EPA Phase 3	
	28-33.7	1.5	Up to 70.8	D	Tier 4 Interim/Stage 3A	
	30.2	1.33		D	Tier 4 Interim	
	31	0.747	47.7	G	Tier 3	
	31-40.2	1.5	Up to 82.5	D	Tier 4 Interim/Stage 3A	
	31-40.2	1.5	Up to 82.5	D	Tier 4 Interim/Stage 3A	
	31.6-35	1.7	Up to 78.1	D	Tier 4 Interim/Stage 3A	
	32.7-36.2	1.5	Up to 82.6	D	2013 Tier 4 Final/Stage 3B	
	32.7-36.2	1.5	Up to 82.6	D	2013 Tier 4 Final/Stage 3B	DOC, DPF
	32.8	1.123		D	Tier 4 Interim/Stage 3A	
	33-35.5	1.5	Up to 69.6	D	Tier 4 Interim/Stage 3A	
	33-35.5	1.5	Up to 69.6	D	Tier 4 Interim/Stage 3A	
	33.2	1.716	64.9	D	Tier 4 Interim	None Required
	35.8	1.716	68.6	D	Tier 4 Interim	None Required
	36	0.999	60	G	Tier 3	
	36.9	1.87	84.8	D	Tier 4 Interim	
	38.9	1.496		D	Tier 4 Interim	
	40.2	1.649	83.3	D	Tier 4 Interim	
	41.6-48	2.2	Up to 105.2	D	Tier 4 Interim/Stage 3A	
	41.6-48	2.2	Up to 105.2	D	Tier 4 Interim/Stage 3A	
	42	1.9	98.1	D	Stage 3A	
	42.1-48.8	2.2	Up to 105.5	D	2013 Tier 4 Final/Stage 3B	
	43.7	1.999	96	D	Tier 4 Interim/Stage 3A	
	47.5	2.189		D	Tier 4 Interim	
	48	2.4	129	D	Tier 4 Interim/Stage 3A	
	48	1.65		D	Tier 4	Turbo
	48.1	2.197	105.5	D	Tier 4 Interim/Stage 3A	
	48.8	2.2	Up to 141.6	D	2013 Tier 4 Final/Stage 3B	
	48.9	2.434	116.9	D	Tier 4 Interim/Stage 3A	
49-74 hp	49	2.5	125.4	D	Stage 3A	
	49-51	2.2	Up to 105.2	D	Tier 4 Interim/Stage 3A	
	49-51	2.2	Up to 105.2	D	Tier 4 Interim/Stage 3A	
	49-61	2.2	Up to 141.6	D	2013 Tier 4 Final/Stage 3B	
	49-61	2.2	Up to 141.6	D	2013 Tier 4 Final/Stage 3B	DOC, DPF
	49-74	2.8	221	B20	Tier 4 Final/Stage 4	DOC
	50	2.547	97.4	D	Tier 4 Interim	None Required
	50-54	2.547	105	D	Tier 4 Interim	None Required
	51.1	2.199	106.2	D	Tier 4 Interim	
	53.6-61	2.2	Up to 139.5	D	Tier 4 Interim/Stage 3A	
	53.6-61	2.2	Up to 139.5	D	Tier 4 Interim/Stage 3A	
	56	1.9	165.9	D	Tier 4	
	59	2.434	121.7	D	Tier 4 Interim/Stage 3A	

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L	Dimensions (in.) W	H	Family/Series	Model	Company
19.3	15.7	22.7	400	403D-11	Perkins
22.9	18	23.1	G	2G40	Hatz
20.5	17.7	22.5	Command PRO	CV640/CV20	Kohler
17.13	15.91	22.21	Super Mini	D722-E3B	Kubota
17.4	16.6	17.6	GX	GXV630	Honda
12.48	18.78	18.7	V-Twin	EH64	Subaru Industrial Power Products
14	17.7	26.5	Command PRO EFI	ECH650	Kohler
18.4	16.6	21.42	Super Mini	D902-E3B	Kubota
20.8	16.8	21.5	TNV	3TNV70	Yanmar
18.7	18.46	13.9	V-Twin	EH65V	Subaru Industrial Power Products
15.9	16.1	17.2	GX	GX690	Honda
17.4	16.6	17.6	GX	GXV690	Honda
14	17.7	26.5	Command PRO EFI	ECH680	Kohler
19.6	15.59	23.7	05 Series	D1005-E3B	Kubota
17.7	15.7	19.9	MINIMAX	3TNM72	Yanmar
19.9	16.4	19.7	L Series	L3E	Mitsubishi
17	18.1	26.5	Aegis	LH640	Kohler
19.6	15.59	23.7	05 Series	D1105-E3B	Kubota
14	17.7	26.5	Command PRO EFI	ECH730	Kohler
14	17.7	26.5	Command PRO	CH730	Kohler
12.48	18.78	18.7	V-Twin	EH72	Subaru Industrial Power Products
12.48	18.78	18.7	V-Twin	EH72 LP/NG	Subaru Industrial Power Products
22.4	16.8	22.6	TNV	3TNV76	Yanmar
21.1	17	22.5	SL Series	S3L2	Mitsubishi
12.48	18.78	18.7	V-Twin	EH72FI	Subaru Industrial Power Products
22.5	17.8	25.3	C	C1.5	Caterpillar
23	20	24	TNV	3TNV82A	Yanmar
17	18.1	26.5	Aegis	LH775	Kohler
22.5	21.3	25.3	C	C1.5 (T)	Caterpillar
22.5	20.2	25.3	400	403D-15T	Perkins
22.2	17.8	25.7	C	C1.7	Caterpillar
32.13	23.88	27.9	C	C1.5 (T)	Caterpillar
25.3	24.3	28.8	400	403F-15T	Perkins
19.6	15.6	23.2	05 Series	D1105-T-E3B	Kubota
23.3	16.5	22.7	C	C1.6	Caterpillar
23.3	16.5	22.7	400	404D-15	Perkins
28.3	23.5	29.4	L	2L41C	Hatz
24.3	22.4	28.9	M	2M41Z	Hatz
15.3	19	27.5	Command PRO	CH960	Kohler
30.3	19.1	23.1	Kohler Diesel	KD 625-3	Kohler
24.7	20.2	27.4	TNV	3TNV84T	Yanmar
22.2	17.5	23.3	Kohler Diesel	KDW 1603	Kohler
26.1	18.1	28.5	C	C2.2	Caterpillar
26	18.3	26.6	400	404D-22	Perkins
23.6	16.8	26.3	Kohler Diesel	KDI1903M	Kohler
36.61	23.88	30.39	C	C2.2	Caterpillar
26.3	19.6	24.9	03-M Series	V2003-M-E3B	Kubota
28.4	20.2	25.5	TNV	4TNV88	Yanmar
26.1	21.3	30.4	PowerTech M	4024T	John Deere
21.3	19.9	25.11	D Series	D03CJ	Mitsubishi
26.3	19.6	24.9	03-M Series	V2203-M-E3B	Kubota
36.61	25.01	30.39	C	C2.2 (T)	Caterpillar
26.4	19.6	26.9	03-M Series	V2403-M-E3B	Kubota
27.7	16.8	26.3	Kohler Diesel	KDI2504M	Kohler
26.1	18.1	28.5	C	C2.2	Caterpillar
26	18.3	26.6	400	404D-22	Perkins
36.61	25.01	30.39	C	C2.2 (T)	Caterpillar
28.6	25	30.4	400	404F-22T	Perkins
26.9	23.9	26.3	F	QSF2.8	Cummins
33.6	23.5	29.4	L	3L41C	Hatz
29.6	22.4	28.9	M	3M41Z	Hatz
26.1	17.5	23.3	Kohler Diesel	KDW 2204	Kohler
26	21	27.5	C	C2.2 (T)	Caterpillar
26.1	19.3	27.5	400	404D-22T	Perkins
23.6	20.5	28.2	Kohler Diesel	KDI1903TCR	Kohler
26.4	19.6	28.5	03-M Series	V2403-M-T-E3B	Kubota

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
49-74 hp	60-66	2.4	158-189	D	Tier 4 Interim/Stage 3A	
	60-74	3.3	343	B7	Tier 4 Interim/Stage 3B	EGR
	60-74	3.3	245	B20	Tier 4 Interim/Stage 3B	DOC
	60.3-74.3	3.4	Up to 235	D	2013 Tier 4 Final/Stage 3B	DOC, DPF
	60.3-74.3	3.4	Up to 235	D	2013 Tier 4 Final/Stage 3B	DOC, DPF
	62	2.9	145	D		
	63	3.3	Up to 148	D	Tier 4 Interim/Stage 3A	
	64.4	2.199	140.1	D	Tier 4 Interim	
	65-70	3.432	142	D	Tier 4 Interim	None Required
	66	2.615	159.2	D	Tier 4 Interim/Stage 3A	
	66.1	2.2	Up to 153.7	D	Tier 4 Interim/Stage 3A	
	66.1	2.2	Up to 153.7	D	Tier 4 Interim/Stage 3A	
	66.8	3.62	169.5	D	Tier 4 Interim/Stage 3A	
	67.7	3.318		D	Tier 4 Interim	
	72	3.2	204	D	Tier 3/Stage 3A	I-EGR
	72	3.9	200	D		
	72-74	4.4	Up to 195.8	D	Stage 3A	
	72-74	4.4	Up to 195.8	D	Stage 3A	
	73.7-74	3.3	Up to 174.8	D	73.7 hp — Tier 4 Interim/Stage 3A	
	73.7-74	3.3	Up to 174.8	D	73.7 hp — Tier 4 Interim/Stage 3A	
	74	4.4	241		Tier 4 Interim/Stage 3A	
	74	4.4	295		Tier 4 Final/Stage 3B	
	74	4.5	195	D	Tier 4 Interim	
	74	2.5	221.3	D	Tier 4	
	74.3	3.331	195.3	D	Tier 4 Interim/Stage 3A	
	74.4	4.4	Up to 289	D	Tier 3/Stage 3A	
	74.4	4.4	Up to 289	D	Available using EU flexibility, and for other regulated and non-regulated areas	
75-99 hp	75	4.4	Up to 195.8	D	Stage 3A	
	75	3.2	207	D	Tier 3/Stage 3A	I-EGR
	75	4.4	Up to 195.8	D	Stage 3A	
	75-83	3.3	Up to 174.8	D	83 hp — Tier 3/Stage 3A	
	75-99	3.3	343	B7	Tier 4 Interim/Stage 3B	EGR
	75-99	4.5	203-282	D	Tier 3/Stage 3A	
	75-99.9	4.4	Up to 289	D	Tier 3/Stage 3A	
	76	2.359	140	LPG/CNG	EPA 2007/CARB 2010	TWC
	76-99	3	276-341	D	Tier 3/Stage 3A	
	80	3.2	228	D	Tier 3/Stage 3A	E-EGR
	80	2.4	209	D	Tier 3/Stage 3A	
	82.5-99	4.4	Up to 413	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	82.5-99	4.4	Up to 413	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	DOC, DPF
	82.5-99.9	4.4	Up to 309	D	Tier 3/Stage 3A	
	82.5-99.9	4.4	Up to 309	D	Tier 3/Stage 3A	
	83	3.2	236	D	Tier 3/Stage 3A	E-EGR
	83-99	8.3		NG	SI NSPS	3-Way Catalyst
	83.5	3.318		D	Tier 3	
	84	4.4	265	B20	Tier 3/Stage 3A	
	84.5-99	3.4	Up to 310	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	84.5-99	3.4	Up to 310	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	85	3.9	200	D		
	85-94	3.3	277	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	85-99	4.5	231-387	D	Tier 3/Stage 3A	
	85-99	4.1	210-285	D		
	90	4.5	295	D	Tier 3/Stage 3A	I-EGR
	91	4.4	319		Tier 4 Interim/Stage 3A	
	91.2-99	4.4	Up to 308	D	Tier 3/Stage 3A	
	91.2-99	4.4	Up to 308	D	Available using EU flexibility, and for other regulated and non-regulated areas	
	92	4.4	267	B20	Tier 3/Stage 3A	



L	Dimensions (in.) W	H	Family/Series	Model	Company
26.1	21.3	30.4	PowerTech E	4024H	John Deere
30.1	21.6	29.5	4th generation	33 AWI	AGCO POWER
28.1	21.9	31.4	B	B3.3T and B3.3 NA	Cummins
34.3 Top Turbo 37 Side Turbo	25.7 Top Turbo 26 Side Turbo	32.6 Top Turbo 31.7 Side Turbo	C	C3.4B (T)	Caterpillar
29.4	25.98 Top Turbo 25 Side Turbo	32.7 Top Turbo 32.4 Side Turbo	850	854F-E34T	Perkins
30	28	33	MaxxForce A & I	MaxxForce 3.0	Navistar
30.7	23.2	28.4	C	C3.4	Caterpillar
26.1	18.5	25.2	Kohler Diesel	KDW 2204T	Kohler
35	22.4	28.9	M	4M42Z	Hatz
25.6	18.7	26.8	07 Series	V2607-DI-T-E3B	Kubota
26	21	27.5	C	C2.2 (TA)	Caterpillar
26.1	19.3	27.5	400	404D-22TA	Perkins
29.33	21.1	29.19	V3 Series	V3600-E3B	Kubota
29.8	21.9	33	TNV	4TNV98	Yanmar
27.1	23.3	32.7	F5 series	F32 MRS	FPT Industrial
32	45	44	MaxxForce A & I	MaxxForce 3.9	Navistar
26.1	18.5	31.9	C	C4.4	Caterpillar
26.1	18.5	31.9	1100	1104D-44	Perkins
30.9	23.2 High Turbo 25.5 Low Turbo	32.3	C	C3.4 (T)	Caterpillar
30.9	23.2 High Turbo 25.5 Low Turbo	32.3	800	804D-33T	Perkins
32	25.7	36.2	Dieselmex IPU	TC	JCB
32	25.7	36.2	Ecomax T4 IPU	TCAE	JCB
33.9	24.1	33.7	PowerTech M	4045T	John Deere
27.7	20.5	28.2	Kohler Diesel	KDI2504TCR	Kohler
26.5	19.9	29.1	07 Series	V3307-DI-T-E3B	Kubota
26.1	23.5	31.9	C	C4.4 (T)	Caterpillar
26.1	23.5	31.9	1100	1104D-44T	Perkins
26.1	18.5	31.9	C	C4.4	Caterpillar
27.9	23.3	30.6	F5 series	F32 MNS	FPT Industrial
26.1	18.5	31.9	1100	1104D-44	Perkins
30.9	23.2 High Turbo 25.5 Low Turbo	32.3	C	C3.4 (T)	Caterpillar
30.1	21.6	29.5	4th generation	33 AWI	AGCO POWER
33.9	24.1	33.7	PowerTech M	4045T/H	John Deere
26.1	23.5	31.9	C	C4.4 (T)	Caterpillar
25.55	23.75	27.4	Juniper	2.4L	Westport Light Duty Inc.
31.5	22.3	31.5	PowerTech E	5030H	John Deere
27.1	23.3	32.7	F5 series	F32 MRS	FPT Industrial
26.1	21.3	30.4	PowerTech E	4024H	John Deere
33.3	30.4	33.4	C ACERT	C4.4 ACERT (TA)	Caterpillar
33.3	30.4	33.4	1200	1204E-E44TA	Perkins
24.8	25.4	32.4	C ACERT	C4.4 ACERT (T)	Caterpillar
24.8	24.65	32.4	1100	1104D-E44T	Perkins
27.9	23.3	30.6	F5 series	F32 MNS	FPT Industrial
55	30	50	C	G8.3/E	Cummins
29.8	21.9	33	TNV	4TNV98T	Yanmar
46.4	27.9	42.2	Dieselmex IPU	TC1	JCB
34.3 Top Turbo 37 Side Turbo	25.7 Top Turbo 26 Side Turbo	32.6 Top Turbo 31.7 Side Turbo	C	C3.4B (TA)	Caterpillar
29.4	25.98 Top Turbo 25 Side Turbo	32.7 Top Turbo 32.4 Side Turbo	850	854E-E34TA	Perkins
35	28	35	MaxxForce A & I	MaxxForce 4.0	Navistar
28.1	21.9	31.4	B	QSB3.3	Cummins
33.9	24.1	40.9	PowerTech E	4045T/H	John Deere
32	45	44	MaxxForce A & I	MaxxForce 4.3	Navistar
31.8	23.1	38.7	NEF series	N45 MSS	FPT Industrial
32	27.4	35.8	Ecomax T4	TCAE	JCB
26.1	24.4	30.5	C	C4.4 (TA)	Caterpillar
26.1	24.4	30.5	1100	1104D-44TA	Perkins
46.4	27.9	42.2	Dieselmex IPU	TC2	JCB

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
	99	3.331		D	Tier 4	Turbo
	99.9	4.4	Up to 410	D	Tier 3/Stage 3A	
	99.9	3.769	335	D	Tier 4 Interim/Stage 3B	DOC + DPF
	99.9	4.4	Up to 410	D	Tier 3/Stage 3A	
100-173 hp	100	3.3	343	B7	Tier 4 Interim/Stage 3B	EGR
	100	4.4	313	B20	Tier 2/Stage 2	
	100-105	4.1	210-285	D		
	100-110	3.3	306	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	100-111.3	4.4	Up to 308	D	Tier 3/Stage 3A	
	100-115.3	3.4	Up to 310	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	100-115.3	3.4	Up to 310	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	100-118	8.3		NG	SI NSPS	3-Way Catalyst
	100-140	4.5	231-387	D	Tier 3/Stage 3A	
	100-142.0	4.4	Up to 410	D	Tier 3/Stage 3A	
	100-142.0	4.4	Up to 410	D	Tier 3/Stage 3A	
	100-147.6	4.4	Up to 413	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	100-147.6	4.4	Up to 413	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	DOC, DPF
	100-150	4.4	461	B7	Tier 4 Interim/Stage 3B	SCR
	101	4.5	302	D	Tier 3/Stage 3A	I-EGR
	101	4.5	321	D	Tier 3/Stage 3A	I-EGR
	101-173	4.2	295-500	D	Tier 3/Stage 3A	None Required
	102	4.5	348	D	Tier 4 Interim/Stage 3B	SCR
	109	4.4	381		Tier 4 Interim/Stage 3A	
	109-170 **	4.5	383 - 516 **	D	Tier 4 Final/Stage 4	HI-eSCR
	110-120	3.3	306	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	110-155	5.9	300-415	D		
	114	4.4	324	B20	Tier 3/Stage 3A	
	114	3.769	375.1	D	Tier 4 Interim/Stage 3B	DOC + DPF
	115-120	4.5	360	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	119.3-173.5	6.6	Up to 608	D	2012 EPA Tier 4 Interim, EU Stage 3B	DOC, DPF
	119.3-173.5	6.6	Up to 608	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	119.4-173	6.6	Up to 774	D	Tier 3/Stage 3A	
	120	3.3	306	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	120	4.5	380	D	Tier 3/Stage 3A	I-EGR
	121	4.5	347	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	125	4.4	406		Tier 4 Interim/Stage 3A	
	125-173	4.5	363-476	D	Tier 4 Interim/Stage 3B	DOC/DPF
	126	4.5	387	D	Tier 3/Stage 3A	I-EGR
	127-173	4.8	370-590	D	Tier 4 Interim/Stage 3B	SCR
	130	4.5	378	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	130	4.4	392	B20	Tier 3/Stage 3A	
	130-140	4.5	457	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	130-173	4.9	590	B7	Tier 4 Interim/Stage 3B	SCR
	139-173	6.8	441-579	D	Tier 3/Stage 3A	
	140	7.01		D	China Stage 2	
	140	7.01		D	China Stage 2	
	140-142	4.5	457	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	140-173	6.8	405-756	D	Tier 4 Interim/Stage 3B	DOC/DPF
	141	4.5	448	D	Tier 3/Stage 3A	I-EGR
	141-173.5	4.4	Up to 553	D	2012 Tier 4 Interim/Stage 3B	DOC, DPF
	141-173.5	4.4	Up to 553	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	DOC, DPF
	143-173 **	6.7	538 - 885 **	D	Tier 4 Final/Stage 4	HI-eSCR
	145	4.4	406	B20	Tier 3/Stage 3A	
	145-173	8.3		NG	SI NSPS	3-Way Catalyst
	146-162	6.7	540	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	149-173	4.5	424-476	D	Tier 3/Stage 3A	
	150	4.5	499	D	Tier 4 Interim/Stage 3B	SCR
	150-173	6.6	730	B7	Tier 4 Interim/Stage 3B	SCR
	150-173	4.6	420-630	D	Tier 4 Interim/Stage 3B	EGR
	154-173	7.01		D	China Stage 2	
	155-158	6.7	496	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	160	6.5	290	D, JP8		
	161	4.4	485	B20	Tier 3/Stage 3A	



L	Dimensions (in.) W	H	Family/Series	Model	Company
32.1	24.7	29.8	D Series	D04EG	Mitsubishi
24.8	26.6	37.72	C ACERT	C4.4 ACERT (TA)	Caterpillar
33.25	22.88	33.79	V3 Series	V3800-CR-T-E4	Kubota
24.8	24.65	37.72	1100	1104D-E44TA	Perkins
30.1	21.6	29.5	4th generation	33 AWI	AGCO POWER
32	23.2	34.6	Dieselmax	TC	JCB
32	45	44	MaxxForce A & I	MaxxForce 4.3	Navistar
28.1	21.9	31.4	B	QSB3.3	Cummins
26.1	24.4	30.5	C	C4.4 (TA)	Caterpillar
34.3 Top Turbo 37 Side Turbo	25.7 Top Turbo 26 Side Turbo	32.6 Top Turbo 31.7 Side Turbo	C	C3.4B (TA)	Caterpillar
29.4	25.98 Top Turbo 25 Side Turbo	32.7 Top Turbo 32.4 Side Turbo	850	854E-E34TA	Perkins
55	30	50	C	G8.3/E	Cummins
33.9	24.1	40.9	PowerTech E	4045T/H	John Deere
24.8	26.6	37.72	C ACERT	C4.4 ACERT (TA)	Caterpillar
24.8	24.65	37.72	1100	1104D-E44TA	Perkins
33.3	30.4	33.4	C ACERT	C4.4 ACERT (TA)	Caterpillar
33.3	30.4	33.4	1200	1204E-E44TA	Perkins
35.5	24.4	34.9	4th generation	44 AWI	AGCO POWER
31.7	23.7	35.6	NEF series	N45 MSS X	FPT Industrial
31.8	24.2	38.2	NEF series	N45 MST	FPT Industrial
33	26	37	Series 900	4R 904 C	MTU
32.8	26.9	37.6	NEF series	N45 ENT	FPT Industrial
32	27.4	35.8	Ecomax T4	TCAE	JCB
32.8**	26.9**	37.6**	NEF series	N45 ENT	FPT Industrial
28.1	21.9	31.4	B	QSB3.3	Cummins
45	28	38	MaxxForce A & I	MaxxForce 6.0	Navistar
32	24.6	34.5	Dieselmax	TCA2	JCB
33.3	22.9	33.8	V3 Series	V3800-CR-TI-E4	Kubota
32.2	28.1	34.5	B	QSB4.5	Cummins
41.9	29.6	35.7	C ACERT	C6.6 ACERT (TA)	Caterpillar
41.9	29.6	35.7	1200	1206E-E66TTA	Perkins
36.6	26.3	31.4	C ACERT	C6.6 ACERT (TA)	Caterpillar
28.1	21.9	31.4	B	QSB3.3	Cummins
29.5	22.4	38.8	NEF series	N45 MRT	FPT Industrial
32.2	28.1	34.5	B	QSB4.5	Cummins
32	27.4	35.8	Ecomax T4 IPU	TCAE	JCB
34.1	32.5	38.9	PowerTech PSX	4045H	John Deere
31.8	24.2	38.2	NEF series	N45 MST	FPT Industrial
33	25	36	Series 900	4R 924 C	MTU
32.2	28.1	34.5	B	QSB4.5	Cummins
32	24.9	34.6	Dieselmax	TCAE1	JCB
32.2	28.1	34.5	B	QSB4.5	Cummins
35.5	24.4	34.9	4th generation	49 AWI	AGCO POWER
44.2	25.9	40.8	PowerTech E	6068H	John Deere
35.5	26.2	31.4	C	C7.1 (T)	Caterpillar
35.5	26.2	31.4	1100	1106C-70T	Perkins
32.2	28.1	34.5	B	QSB4.5	Cummins
45.7	28.2	45.2	PowerTech PVX	6068H	John Deere
29.6	23.2	38.8	NEF series	N45 ERT	FPT Industrial
33.3	29.1	34.1	C ACERT	C4.4 ACERT (TTA)	Caterpillar
33.3	29.1	34.1	1200	1204E-E44TTA	Perkins
41.8**	26.8**	40**	NEF series	N67 ENT	FPT Industrial
32	24.9	34.6	Dieselmax	TCAE2	JCB
55	30	50	C	GTA8.3/E	Cummins
41.7	28.6	37.8	B	QSB6.7	Cummins
34.1	24.5	41.5	PowerTech Plus	4045H	John Deere
32.8	26.9	37.6	NEF series	N45 ENT	FPT Industrial
46.7	25.6	39.3	4th generation	66 AWI	AGCO POWER
937	882	926	D08	D0834	MAN Truck & Bus AG
35.5	26.2	31.4	C	C7.1 (TA)	Caterpillar
41.7	28.6	37.8	B	QSB6.7	Cummins
*	*	*	Optimizer 6500	6500-290	GEP
32	24.9	34.6	Dieselmax	TCAE3	JCB

SCANIA'S NEW Industrial Engine Range

is ready for the 2014 Emission Legislation

Scania's new range of industrial engines introduced in 2009 is compliant to Tier 4i and Stage IIIB regulations and ready for the 2014 emission legislation, Tier 4 final and Stage IV. With Scania-developed systems for engine management and emission control, the engine range provides an outstanding blend of performance and operating economy. The new engines are available in versions that meet all of today's emission steps, including Stage II and IIIA. Scania uses the same modular engine platform for all steps in emission legislation. For this reason, there is no need for global OEMs to redesign their equipment for different emission certified engines.

The strict 2011 emission legislation, which applies to Europe and North America, has been a major challenge for all engine manufacturers. The North



Terex stone crusher powered by Scania 9-litre industrial engine Great Britain Photo: Bryan Winstanley 2011

American Tier 4i and European Stage IIIB regulations for non-road applications stipulate NOx levels as low as 2.0 grams per kWh.

Important factors in the industrial engine segment are high uptime, generous torque at low revs, good fuel economy and prompt engine response. These demands are all fulfilled with the new Scania engine range.

Scania's long-standing philosophy is to secure full control of all strategic steps in development and performance control. Basic engine development and manufacturing, along with the development of engine management, fuel injection and emission control systems are all carried out in-house. This vital decision by Scania has been made to ensure that all demands and targets for performance and fuel economy can be met, as well as to ensure consistent durability, environmental performance and ease of operation.

Scania is one of the world's leading manufacturers of trucks, buses and industrial and marine engines, with excellent standing and highly loyal customers. Every year Scania builds more than 80,000 engines, making Scania one of the most experienced engine manufacturers in the world.



Articulated Dump Truck (ADT) from Doosan Moxey, powered by Scania 9-litre industrial engine. Stage IIIB/Tier 4i compliant.

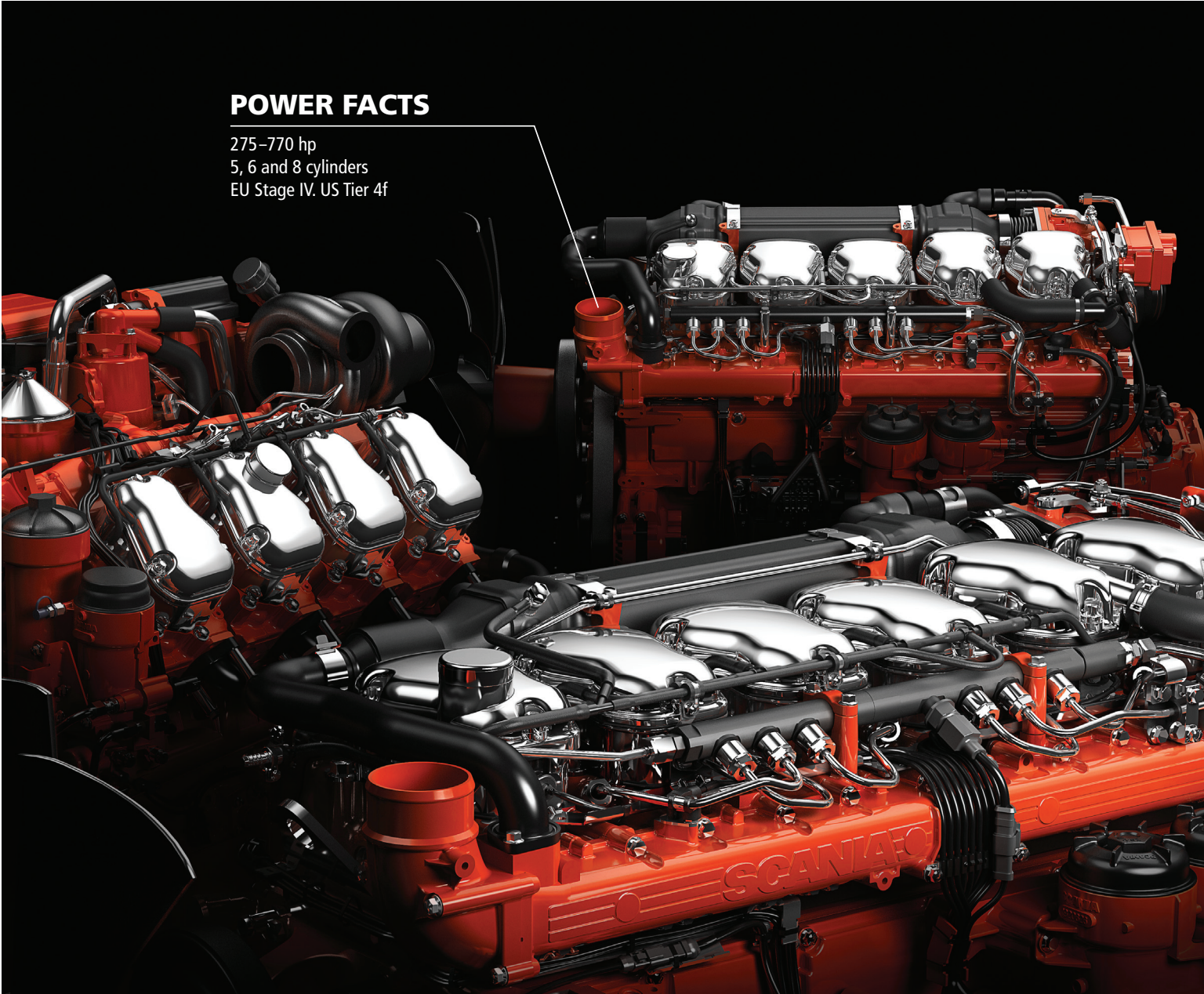


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hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
	163-173	4.5	466	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	170	4.5	516	D	Tier 4 Interim/Stage 3B	SCR
	173	6.7	590	B20	Tier 4 Interim/Stage 3B	EGR/DOC
	173	4.8	509		Tier 4 Interim/Stage 3A	
	173	6.4	620	D	Tier 3	DOC
174-301 hp	174-175	8.3		NG	SI NSPS	3-Way Catalyst
	174-200	4.9	590	B7	Tier 4 Interim/Stage 3B	SCR
	174-201	4.8	370-590	D	Tier 4 Interim/Stage 3B	SCR
	174-220	7.01		D	China Stage 2	
	174-220	4.6	420-630	D	Tier 4 Interim/Stage 3B	EGR
	174-220	7.01		D	China Stage 2	
	174-250	6.8	405-756	D	Tier 4 Interim/Stage 3B	DOC/DPF
	174-274.9	6.6	Up to 774	D	Tier 3/Stage 3A	
	174-274.9	6.6	Up to 774	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	174-275	6.4	500-810	D	Tier 3/Stage 3A	None Required
	174-299 **	6.7	538 - 885 **	D	Tier 4 Final/Stage 4	HI-eSCR
	175	4.8	502.9		Tier 4 Interim/Stage 3B	
	180-275	6.8	509-756	D	Tier 3/Stage 3A	
	187.7-301.7	7.01	Up to 940	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
	187.7-301.7	7.01	Up to 940	D	2011 Tier 4 Interim/Stage 3B	DOC, DPF, CEM
	188-286	14		NG	SI NSPS	3-Way Catalyst
	190	6.7	597	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	190-205	6.5	380/460	D, JP8	Euro 3, Euro 4, EPA 06	Catalyst, EGR
	195-200	6.7	575	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	195-250	7.6	520-800	D		
	200	6.7	685	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	200	5.7	590		Tier 3/Stage 3	
	200-280	7.4	845	B7	Tier 4 Interim/Stage 3B	SCR
	205	6.7	708	D	Tier 4 Interim/Stage 3B	SCR
	210-300	7.6	540	D	Tier 3/EPA 2004-2007-2010	DOC
	212	4.8	614		Tier 4 Interim/Stage 3B	
	215	6.7	685	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	218	7.2	852.5		Tier 4 Interim/Stage 3B	
	225	6.7	700	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	225-235	6.7	655	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	225-300	7.2	Up to 940	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	225-300	6.8	738-780	D	Tier 4 Interim/Stage 3B	DOC/DPF
	230	9	675	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	231	7.2	702.1		Tier 3/Stage 3	
	234-281	7.2	625-825	D	Tier 4 Interim/Stage 3B	SCR
	237	7.2	630		Tier 2/Stage 2	
	238	6.7	752	D	Tier 3/Stage 3A	I-EGR
	240-250	6.7	730	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	246	6.7	826	D	Tier 4 Interim/Stage 3B	SCR
	250	6.7	730	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	250	6.5	550	D, JP8		
	250-300	9	826-963	D	Tier 4 Interim/Stage 3B	DOC/DPF
	250-301	6.9	680-920	D	Tier 4 Interim/Stage 3B	EGR
	252	7.2	884.2		Tier 4 Interim/Stage 3B	
	260-280	9	835	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	265	7.2	669		Tier 2/Stage 2	
	265-301	19		NG	SI NSPS	3-Way Catalyst
	270-301	8.4	1136	B7	Tier 4 Interim/Stage 3B	SCR
	272	8.7	956	D	Tier 3/Stage 3A	I-EGR
	275	6.7	730	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	275	9.3	1145	D	Tier 4 Interim/Stage 3B	SCR
	275-290	9	895	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	275-301	8.8	Up to 1230	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	275-301	9.3	907-1106	D	Stage 3A	None Required
	275-301	9.3	1145-1381	D	Stage 2	None Required
	285-301	9	1070	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	285-301 **	8.7	996 - 1327 **	D	Tier 4 Final/Stage 4	HI-eSCR



L	Dimensions (in.) W	H	Family/Series	Model	Company
32.2	28.1	34.5	B	QSB4.5	Cummins
32.8	26.9	37.6	NEF series	N45 ENT	FPT Industrial
41.7	28.6	37.8	B	QSB6.7	Cummins
32	27.4	35.8	Ecomax T4	TCAE	JCB
33	36	41	MaxxForce A & I	MaxxForce 7	Navistar
55	30	50	C	GTA8.3/E	Cummins
35.5	24.4	34.9	4th generation	49 AWI	AGCO POWER
33	25	36	Series 900	4R 924 C	MTU
35.5	26.2	31.4	C	C7.1 (TA)	Caterpillar
937	882	926	D08	D0834	MAN Truck & Bus AG
35.5	26.2	31.4	1100	1106C-70TA	Perkins
45.7	28.2	45.2	PowerTech PVX	6068H	John Deere
36.6	26.3	31.4	C ACERT	C6.6 ACERT (TA)	Caterpillar
36.6	26.3	31.4	1100	1106D-E66TA	Perkins
43	27	38	Series 900	6R 906 C	MTU
41.8**	26.8**	40**	NEF series	N67 ENT	FPT Industrial
36	31	36.4		TAD560VE	Volvo Penta
44.1	24.1	41.7	PowerTech Plus	6068H	John Deere
41.9	32.3	35.7	C ACERT	C7.1 ACERT (TA)	Caterpillar
41.9	32.3	35.7	1200	1206E-E70TTA	Perkins
63	35	68	N	GTA855/E	Cummins
41.7	28.6	37.8	B	QSB6.7	Cummins
*	*	*	Optimizer 6500	6500-460	GEP
41.7	28.6	37.8	B	QSB6.7	Cummins
45	29	41	MaxxForce A & I	MaxxForce 7.6	Navistar
41.7	28.6	37.8	B	QSB6.7	Cummins
42.3	27	39		TAD660VE	Volvo Penta
46.7	25.6	39.3	4th generation	74 AWI	AGCO POWER
41.8	26.8	40	NEF series	N67 ENT	FPT Industrial
45	42	43/47	MaxxForce A & I	MaxxForce DT	Navistar
36	31	36.4		TAD561VE	Volvo Penta
41.7	28.6	37.8	B	QSB6.7	Cummins
46.4	31	39.3		TAD761VE	Volvo Penta
41.7	28.6	37.8	B	QSB6.7	Cummins
41.7	28.6	37.8	B	QSB6.7	Cummins
43	32.6	40.3	C ACERT	C7 ACERT (TA)	Caterpillar
45	30.2	45	PowerTech PSX	6068H	John Deere
44.4	27.7	45.9	L	QSL9	Cummins
47	27.4	41		TAD750VE	Volvo Penta
43	27	38	Series 900	6R 926 C	MTU
46.1	25	38.4		TAD720VE	Volvo Penta
41.4	26.9	39.5	NEF series	N67 ENT	FPT Industrial
41.7	28.6	37.8	B	QSB6.7	Cummins
41.8	26.8	40	NEF series	N67 ENT	FPT Industrial
41.7	28.6	37.8	B	QSB6.7	Cummins
*	*	*	Optimizer 6500	6500-550	GEP
52.2	32.2	54.2	PowerTech PVX	6090H	John Deere
1180	877	994	D08	D0836	MAN Truck & Bus AG
46.4	31	39.3		TAD762VE	Volvo Penta
44.4	27.7	45.9	L	QSL9	Cummins
46.1	25	38.4		TAD721VE	Volvo Penta
77	67	69	K	KTA19GC	Cummins
49.2	25.9	41.7	4th generation	84 AWI	AGCO POWER
49.3	33.5	39.6	CURSOR series	C9 ENT	FPT Industrial
41.7	28.6	37.8	B	QSB6.7	Cummins
48.89	34.41	43.74	Industrial	DC09	Scania
44.4	27.7	45.9	L	QSL9	Cummins
43	32.6	40.3	C ACERT	C9 ACERT (TA)	Caterpillar
48.89	34.41	43.74	Industrial	DC09	Scania
48.89	34.41	43.74	Industrial	DC09	Scania
44.4	27.7	45.9	L	QSL9	Cummins
49.3**	33.7**	39.6**	CURSOR series	C9 ENT	FPT Industrial

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
	285-301	9.3	800-950	D	EPA 2004-2007-2010	DOC
	286	7.2	1069.3		Tier 4 Interim/Stage 3B	
	290-301	9	1000	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	295	12.8	960	D	Tier 3/Stage 3A	None Required
	300-301	9.3	Up to 1230	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
	300-301	11.9	1600	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	300-301	9.3	950-1150	D	EPA 2004-2007-2010	DOC
302-602 hp	302-310	9	1070	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	302-322	7.2	885-960	D	Tier 4 Interim/Stage 3B	SCR
	302-325	9	1070	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	302-340	9.3	950-1150	D	EPA 2004-2007-2010	DOC
						CEM, DOC, DPF, Cat Regeneration System
	302-350	9.3	Up to 1230	D	Tier 4 Interim/Stage 3B	None Required
	302-350	9.3	907-1106	D	Stage 3A	
	302-375	8.8	Up to 1230	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	302-400	9	726-1146	D	Tier 3/Stage 3A	
	302-400	9.3	1145-1381	D	Stage 2	None Required
	302-415 **	8.7	996 - 1327 **	D	Tier 4 Final/Stage 4	HI-eSCR
	302-525	11.9	1600	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	306	7.2	1069.3		Tier 4 Interim/Stage 3B	
	313	8.7	1032	D	Tier 3/Stage 3A	I-EGR
	315	9.3	1262	D	Tier 4 Interim/Stage 3B	SCR
	324-503	12.8	1180-1620	D	Tier 3/Stage 3A	None Required
	325	11	1260	D	EPA 2010	Mack ClearTech SCR
	325-425	9	1065-1243	D	Tier 4 Interim/Stage 3B	DOC/DPF
					Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	325-450	11.1	Up to 1516	D		
	325-600	14	1150-1900	D	Tier 3/Stage 3A	None Required
	330	9.3	1291	D	Tier 4 Interim/Stage 3B	SCR
	334	8.7	1055	D	Tier 4 Interim/Stage 3B	SCR
	340	9	1100	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	345	11	1360	D	EPA 2010	Mack ClearTech SCR
	349-422	12	1275-1475	D	Tier 3/Stage 3A	None Required
	350	9.3	1327	D	Tier 4 Interim/Stage 3B	SCR
	350-370	9	1100	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	350-450	12.7	1227-1480	D	Stage 3A	None Required
	350 - 500	9.8	1416	B7	Tier 4 Interim/Stage 3B	SCR
	350-500	12.7	1438-1750	D	Stage 2	None Required
	350-520	12.8	1400-1730	D	Stage 3A	EGR
	350-600	13.5	1182-1881	D	Tier 3/Stage 3A	
	354	8.7	1106	D	Tier 3/Stage 3A	I-EGR
	355	11	1360	D	EPA 2010	Mack ClearTech SCR
	355-503	12.8	1290-1620	D	Tier 4 Interim/Stage 3B	SCR
	360	10.3	1254	D	Tier 3/Stage 3A	I-EGR
	360	12.7	1122	D	Tier 4 Interim/Stage 3B	SCR
	361-465	14.6		D	Available for global non-regulated areas	
	365	11	1460	D	EPA 2010	Mack ClearTech SCR
	365-375	9	1113	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	366	8.7	1136	D	Tier 4 Interim/Stage 3B	SCR
	374	12.8	1386.4		Tier 2/Stage 2	
	375	9.3	1381	D	Tier 4 Interim/Stage 3B	SCR
	380	9.4	1268		Tier 2/Stage 2	
	380-400	9	1200	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	380-520	12.8	1400-1730	D	Stage 3A	EGR
	385	12.7	1288	D	Tier 4 Interim/Stage 3B	SCR
	385-520	12.5	Up to 1634	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
						CEM, DOC, DPF, Cat Regeneration System
	385-520	12.5	Up to 1634	D	Tier 4 Interim/Stage 3B	
	388	12.8	1450		Tier 4 Interim/Stage 3B	
	394	10.3	1327	D	Tier 3/Stage 3A	I-EGR
	395	11	1560	D	EPA 2010	Mack ClearTech SCR



	Dimensions (in.)				
L	W	H	Family/Series	Model	Company
45	42	47	MaxxForce A & I	MaxxForce 9	Navistar
46.4	31	39.3		TAD763VE	Volvo Penta
44.4	27.7	45.9	L	QSL9	Cummins
52	31	45	Series 460	6R 460 C	MTU
45.3	32.6	44.2	C ACERT	C9.3 ACERT (TA)	Caterpillar
53.4	39.4	48.8	X	QSL9	Cummins
45	42	47	MaxxForce A & I	MaxxForce 10	Navistar
44.4	27.7	45.9	L	QSL9	Cummins
43	27	38	Series 900	6R 926 C	MTU
44.4	27.7	45.9	L	QSL9	Cummins
45	42	47	MaxxForce A & I	MaxxForce 10	Navistar
45.3	32.6	44.2	C ACERT	C9.3 ACERT (TA)	Caterpillar
48.89	34.41	43.74	Industrial	DC09	Scania
43	32.6	40.3	C ACERT	C9 ACERT (TA)	Caterpillar
47.6	24.8	43.8	PowerTech Plus	6090H	John Deere
48.89	34.41	43.74	Industrial	DC09	Scania
49.3**	33.7**	39.6**	CURSOR series	C9 ENT	FPT Industrial
53.4	39.4	48.8	X	QSL9	Cummins
46.4	31	39.3		TAD764VE	Volvo Penta
49.3	33.5	39.6	CURSOR series	C9 ENT	FPT Industrial
48.89	34.41	43.74	Industrial	DC09	Scania
52	30	44	Series 460	6R 460 C	MTU
53.7	31.9	43.8		MP7-325E Econodyne****	Mack Trucks, Inc.
49.9	33.1	52.9	PowerTech PSX	6090H	John Deere
47.4	41.5	46.7	C ACERT	C11 ACERT (TA)	Caterpillar
57	36	54	Series 60	S60 (14.0 L)	MTU
48.89	34.41	43.74	Industrial	DC09	Scania
49.3	33.7	39.6	CURSOR series	C9 ENT	FPT Industrial
44.4	27.7	45.9	L	QSL9	Cummins
53.7	31.9	43.8		MP7-345C MaxiCruise****	Mack Trucks, Inc.
47	40	46	Series 500	6V 501 C	MTU
48.89	34.41	43.74	Industrial	DC09	Scania
44.4	27.7	45.9	L	QSL9	Cummins
55.35	35	43.34	Industrial	DC13	Scania
57.1	25.9	41.7	4th generation	98 AWI	AGCO POWER
55.35	35	43.34	Industrial	DC13	Scania
1428	1442	670	D28	D2876	MAN Truck & Bus AG
52.5	33.7	59.5	PowerTech Plus	6135H	John Deere
49.3	33.5	39.6	CURSOR series	C9 ENT	FPT Industrial
53.7	31.9	43.8		MP7-355E Econodyne****	Mack Trucks, Inc.
52	30	44	Series 460	6R 460 C	MTU
51.9	34.6	43.7	CURSOR series	C10 ENT	FPT Industrial
55.35	35	43.34	Industrial	DC13	Scania
65.35	35.67	52.56	3400	3406C	Caterpillar
53.7	31.9	43.8		MP7-365C MaxiCruise****	Mack Trucks, Inc.
44.4	27.7	45.9	L	QSL9	Cummins
49.3	33.7	39.6	CURSOR series	C9 ENT	FPT Industrial
56.2	34.2	45.2		TAD1341VE	Volvo Penta
48.89	34.41	43.74	Industrial	DC09	Scania
52	36	44.5		TAD943VE	Volvo Penta
44.4	27.7	45.9	L	QSL9	Cummins
1400	840	1130	D28	D2876	MAN Truck & Bus AG
55.35	35	43.34	Industrial	DC13	Scania
47.4	39.8	46.7	C ACERT	C13 ACERT (TA)	Caterpillar
47.2	36.7	46.7	C ACERT	C13 ACERT (TA)	Caterpillar
56.2	34.2	45.2		TAD1361VE	Volvo Penta
51.9	34.6	43.7	CURSOR series	C10 ENT	FPT Industrial
53.7	31.9	43.8		MP7-395C MaxiCruise****	Mack Trucks, Inc.

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
302-602 hp	400	9.3	1451	D	Tier 4 Interim/Stage 3B	SCR
	400	12.7	1591	D	Tier 4 Interim/Stage 3B	SCR
	400-480	12.4	1400-1700	D	Stage 3B	EGR + PM-Filter
	400-600	13.5	1379-1962	D	Tier 4 Interim/Stage 3B	DOC/DPF
	400-602	15	2050	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	402	8.7	1209	D	Tier 4 Interim/Stage 3B	SCR
	405	11	1260/1460	D	EPA 2010	Mack ClearTech SCR
	422	12.8	1468		Tier 2/Stage 2	
	424	10.3	1394	D	Tier 3/Stage 3A	I-EGR
	425	13	1570	D	EPA 2010	Mack ClearTech SCR
	425-515	14	1450-1650	D	Tier 3	EGR
	428	12.8	1604		Tier 4 Interim/Stage 3B	
	435-602 **	12.9	1475 - 2139 **	D	Tier 4 Final/Stage 4	HI-eSCR
	440-595	15.2	Up to 2004	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	442	12.9	1578	D	Tier 3/Stage 3A	I-EGR
	442-563	15.9	1585-1990	D	Tier 3/Stage 3A	None Required
	449-496 **	11.1	1475 - 1549**	D	Tier 4 Final/Stage 4	HI-eSCR
	450	12.7	1663	D	Tier 4 Interim/Stage 3B	SCR
	450-600	14	1650-1900	D	Tier 2/Stage 2	None Required
	452	12.9	1419	D	Tier 4 Interim/Stage 3B	SCR
	452	12.8	1556		Tier 2/Stage 2	
	455	13	1650	D	EPA 2010	Mack ClearTech SCR
	455-560	14.8	1550-1850	D	EPA 2010	SCR
	470	12.8	1250-1650	D	EPA 2010	SCR
	475-580	15.2	Up to 2004	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
	475-600	15.6	1750-2050	D	EPA 2010	SCR
	476	12.9	1578	D	Tier 3/Stage 3A	I-EGR
	479	12.8	1633.5		Tier 2/Stage 2	
	500	12.7	1750	D	Tier 4 Interim/Stage 3B	SCR
	502	12.9	1594	D	Tier 4 Interim/Stage 3B	SCR
	503-590	15.9	1770-2065	D	Tier 4 Interim/Stage 3B	SCR
	505	13	1560/1760	D	EPA 2010	Mack ClearTech SCR
	507-602	38		NG	SI NSPS	3-Way Catalyst
	510	12.9	1578	D	Tier 3/Stage 3A	I-EGR
	510	12.8	1914		Tier 4 Interim/Stage 3B	
	515	16	1960	D	EPA 2010	Mack ClearTech SCR
	536	12.8	1696.2		Tier 2/Stage 2	
	540	16.1	1881.3		Tier 3/Stage 3	
	550	12.7	1887	D	Tier 4 Interim/Stage 3B	SCR
	550	16.4	2086	D	Tier 4 Interim/Stage 3B	SCR
	550-602	16.4	2129-2314	D	Stage 2	None Required
	551	16.1	2036.1		Tier 4 Interim/Stage 3B	
	554	12.9	1770	D	Tier 4 Interim/Stage 3B	SCR
	555	16	2060	D	EPA 2010	Mack ClearTech SCR
	565	16	1960	D	EAP 2010	Mack ClearTech SCR
	567-602	38		NG	Export	
	575-602	18.1	Up to 2697	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	600-602	18.1	Up to 2697	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
603-751 hp	603-630	18.1	Up to 2697	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	603-630	18.1	Up to 2697	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
	603-644	15.9	1990-2065	D	Tier 3/Stage 3A	None Required
	603-675	15	2050	B20	Tier 4 Interim/Stage 3B	EGR/DOC/DPF
	603-680 **	12.9	1475 - 2139 **	D	Tier 4 Final/Stage 4	HI-eSCR
	603-700	16.4	2129-2314	D	Stage 2	None Required
	603-751	19	1775-2200	B20	Tier 3/Stage 3A	
	603-751	38		NG	SI NSPS	3-Way Catalyst
	605	16	2060	D	EPA 2010	Mack ClearTech SCR
	612	16.1	2148.2		Tier 4 Interim/Stage 3B	



L	Dimensions (in.) W	H	Family/Series	Model	Company
48.89	34.41	43.74	Industrial	DC09	Scania
55.35	35	43.34	Industrial	DC13	Scania
1630	970	1030	D26	D2676	MAN Truck & Bus AG
60.8	37.9	55	PowerTech PSX	6135H	John Deere
56.8	40.6	51	X	QSX15	Cummins
49.3	33.7	39.6	CURS0R series	C9 ENT	FPT Industrial
53.7	31.9	43.8		MP7-405E Econodyne****	Mack Trucks, Inc.
56.2	34.2	45.2		TAD1342VE	Volvo Penta
51.9	34.6	43.7	CURS0R series	C10 ENT	FPT Industrial
56.7	32	49.3		MP8-425M Maxidyne****	Mack Trucks, Inc.
60.2	44	52.3	Series 60	Series 60****	Detroit
56.2	34.2	452		TAD1362VE	Volvo Penta
53.7**	35.9**	47.7**	CURS0R series	C13 ENT	FPT Industrial
54.2	36.5	48.3	C ACERT	C15 ACERT (TA)	Caterpillar
53.3	34	44.4	CURS0R series	C13 ENT	FPT Industrial
60	40	41	Series 500	8V 502 C	MTU
56.4**	37**	44.4**	CURS0R series	C11 ENT	FPT Industrial
55.35	35	43.34	Industrial	DC13	Scania
57	36	54	Series 60	S60 (14.0 L)	MTU
53.4	35.4	45.1	CURS0R series	C13 ENT	FPT Industrial
56.2	34.2	45.2		TAD1343VE	Volvo Penta
56.7	32	49.3		MP8-455M Maxidyne****	Mack Trucks, Inc.
60.2	49.6	52.5	DD Platform	DD15****	Detroit
58.4	51.3	53	DD Platform	DD13****	Detroit
56.6	37.1	48.8	C ACERT	C15 ACERT (TA)	Caterpillar
60.2	49.6	52.5	DD Platform	DD16****	Detroit
53.3	34	44.4	CURS0R series	C13 ENT	FPT Industrial
56.2	34.2	45.2		TAD1344VE	Volvo Penta
55.35	35	43.34	Industrial	DC13	Scania
53.4	35.4	45.1	CURS0R series	C13 ENT	FPT Industrial
60	47	48	Series 500	8V 502 C	MTU
56.7	32	49.3		MP8-505E Econodyne****	Mack Trucks, Inc.
116	75	87	N	KTA38GCE	Cummins
53.3	34	44.4	CURS0R series	C13 ENT	FPT Industrial
56.2	34.2	45.2		TAD1364VE	Volvo Penta
65.6	42.1	51.8		MP10-515M Maxidyne****	Mack Trucks, Inc.
56.2	34.2	45.2		TAD1345VE	Volvo Penta
62.3	34.2	52		TAD1650VE	Volvo Penta
55.35	35	43.34	Industrial	DC13	Scania
51.18	46.46	47.83	Industrial	DC16	Scania
51.18	46.46	47.83	Industrial	DC16	Scania
62.3	34.2	52		TAD1660VE	Volvo Penta
53.4	35.4	45.1	CURS0R series	C13 ENT	FPT Industrial
65.6	42.1	51.8		MP10-555M Maxidyne****	Mack Trucks, Inc.
65.6	42.1	51.8		MP10-565C Maxidyne****	Mack Trucks Inc.
116	75	87	N	KTA38GCSLB	Cummins
54.6	36.3	48.9	C ACERT	C18 ACERT (TA)	Caterpillar
56.6	37.1	48.8	C ACERT	C18 ACERT (TA)	Caterpillar
54.6	36.3	48.9	C ACERT	C18 ACERT (TA)	Caterpillar
56.6	37.1	48.8	C ACERT	C18 ACERT (TA)	Caterpillar
55	40	47	Series 500	8V 502 C	MTU
56.8	40.6	51	X	QSX15	Cummins
53.7**	35.9**	47.7**	CURS0R series	C13 ENT	FPT Industrial
51.18	46.46	47.83	Industrial	DC16	Scania
61.7	38.5	60.9	K	QSK19	Cummins
116	75	87	N	KTA38GCE	Cummins
65.6	42.1	51.8		MP10-605C MaxiCruise****	Mack Trucks, Inc.
62.3	34.2	52		TAD1661VE	Volvo Penta

hp Range Category	hp	Disp. liters (l)	Torque (lb.-ft.)	Fuel	Tier Reg. Compliant Emissions Certifications	Aftertreatment
603 -751 hp	630-655	14	1900	D	Tier 2/Stage 2	None Required
	644	15.9	2210	D	Tier 4 Interim/Stage 3B	SCR
	650	16.4	2314	D	Tier 4 Interim/Stage 3B	SCR
	652-751	16.2	2570	D	Tier 4 Interim/Stage 3B	SCR
	680-751	34.5	Up to 3144	D	Available for global non-regulated areas	
	700	18.1	Up to 2697	D	Tier 4 Interim/Stage 3B	CEM, DOC, DPF, Cat Regeneration System
	700	16.4	2314	D	Tier 4 Interim/Stage 3B	SCR
	700	16.1	2374.6		Tier 4 Interim/Stage 3B	
	700-751	18.1	Up to 2697	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
752 hp +	752-760	38		NG	SI NSPS	3-Way Catalyst
	752-800	18.1	Up to 2697	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	752-800	16.2	2570	D	Tier 4 Interim/Stage 3B	SCR
	752-850	38		NG	Export	
	752-1000	34.5	Up to 3144	D	Available for non-regulated areas	
	755	18.1	Up to 2697	D	Tier 4 Interim	
	755-800	18.1	Up to 2697	D	Tier 4 Final	CEM, DOC, DPF, Cat Regeneration System
	755-800	19	2275-2350	B20	Tier 2	
	760-950	23	2543-2785	B20	Tier 2	
	760-1005	23.9	2280-3100	D	Tier 2	None Required
	760-1200	30	2471-3750	B20	Tier 2	
	768	16.1	2424		Tier 2	
	800	21.9	2480	D	Stage 3A	EGR
	800-900	21.9	1700-2440	D		EGR
	800-900	24.2	3060	D	Stage 3B	SCR
	800-1050	27	Up to 3876	D	Tier 4 Interim	
	800-1150	27	Up to 3876	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	920-1260	38	3591-4569	B20	Tier 2	
	950-1200	32.1	Up to 4548	D	Tier 4 Interim	
	950-1350	32.1	Up to 4548	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	1000-1100	34.5	Up to 3529	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	1020-1500	51.8	Up to 4420	D	Available for global non-regulated areas	
	1050	26.8	3422	D	Tier 4 Interim	EGR
	1050-1340	31.8	3288-3921	D	Tier 2	None Required
	1200-2250*	45	4424-6299	B20	Tier 2	
	1300	35.7	4035	D	Tier 4 Interim	EGR
	1355-2000	69	Up to 6189	D	Available for global non-regulated areas	
	1400-2500*	50	4707-6512	B20	Tier 2	
	1500	51.8	Up to 7170	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	1500-1650	51.8	Up to 5296	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	1600-2025	48.7	5615-6045	D	Tier 1	None Required
	1600-2250	57.3	5600-6959	D	Fuel Consumption/Tier 2	None Required
	1782-3000*	60	6169-8274	B20	Tier 2	
	1998-2481	110.8		D	Available for global non-regulated areas	
	2000-2100	69	Up to 7061	D	Available using EPA or EU flexibility, and for other regulated and non-regulated areas	
	2000-3000	76.3	7505-10325	D	Fuel Consumption/Tier 2	None Required
	2146-2700	65	7515-7485	D	Tier 1	None Required
	2655-3300	147.8		D	Available for global non-regulated areas	
	3185-4023	95.4	11150-11743	D	Fuel Consumption/Tier 2	None Required
	3300-3500	78	10157	B20	Tier 2	
	3996-4962	221.7		D	Available for global non-regulated areas	
	4000	95	11600	B20	Tier 4 Final	SCR
	5310-6598	295.6		D	Available for global non-regulated areas	



	Dimensions (in.)				
L	W	H	Family/Series	Model	Company
57	36	54	Series 60	S60 (14.0L)	MTU
60	47	43	Series 500	8V 502 C	MTU
51.18	46.46	47.83	Industrial	DC16	Scania
1332	1200	1440	D28	D2868	MAN Truck & Bus AG
84	67	68	3500	3508 (TA)	Caterpillar
56.6	40.3	53.4	C ACERT	C18 ACERT (TTA)	Caterpillar
51.18	46.46	47.83	Industrial	DC16	Scania
62.3	34.2	52		TAD1662VE	Volvo Penta
55.7	38.3	49.5	C ACERT	C18 ACERT (TTA)	Caterpillar
116	75	87	N	KTA38GCE	Cummins
55.7	38.3	49.5	C ACERT	C18 ACERT (TTA)	Caterpillar
1332	1200	1440	D28	D2868	MAN Truck & Bus AG
116	75	87	N	KTA38GCSLB	Cummins
84	67	68	3500	3508 (TA)	Caterpillar
56.6	44.6	53.4	C ACERT	C18 ACERT (TTA)	Caterpillar
56.6	44.6	53.4	C ACERT	C18 ACERT (TTA)	Caterpillar
61.7	38.5	60.9	K	QSK19	Cummins
78.5	41.2	67.7	K	QSK23	Cummins
71	47	51	Series 2000	12V	MTU
75.1	57.5	69	T	QST30	Cummins
62.3	34.2	52		TAD1643VE	Volvo Penta
1421	1472	866	D28	D2842	MAN Truck & Bus AG
1407	1441	878	D28	D2842	MAN Truck & Bus AG
1650	1600	960	D28	D2862	MAN Truck & Bus AG
73.8	63	53.9	C ACERT	C27 ACERT (TA)	Caterpillar
75.5	57.6	52	C ACERT	C27 ACERT (TA)	Caterpillar
87	57.2	72.7	K	QSK38	Cummins
73.8	63	53.9	C ACERT	C32 ACERT (TA)	Caterpillar
75.5	58.2	51.9	C ACERT	C32 ACERT (TA)	Caterpillar
97	67	68	3500	3508B (TA)	Caterpillar
105	67	68	3500	3512 (TA)	Caterpillar
80	50	56	Series 2000	12V	MTU
93	49	52	Series 2000	16V	MTU
94.5	58.4	74	K	QSK45	Cummins
94	50	57	Series 2000	16V	MTU
133	67	68	3500	3516 (TA)	Caterpillar
102.7	57.9	74.7	K	QSK50	Cummins
120.8	70.3	71.1	3500	3512C (TA)	Caterpillar
120.8	70.3	71.1	3500	3512B (TA)	Caterpillar
100	63	69	Series 4000	12V	MTU
101	62	81	Series 4000	12V	MTU
115.4	62.5	91.1	K	QSK60	Cummins
157	69	103	3600	3606 (TA)	Caterpillar
119	57	78	3500	3516B (TA)	Caterpillar
120	62	87	Series 4000	16V	MTU
119	63	69	Series 4000	16V	MTU
190	69	103	3600	3608 (TA)	Caterpillar
144	63	81	Series 4000	20V	MTU
132.9	65.5	95.6	K	QSK78	Cummins
180	67	127	3600	3612 (TA)	Caterpillar
146	63.3	93	K	QSK95****	Cummins
216	67	127	3600	3616 (TA)	Caterpillar



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